SUMMARY REPORT
197 WEST ALTHEA STREET (FORMERLY 772 WEST ALTHEA STREET)
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

Table of Contents

Table

Appendices

List of Acronyms

bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
CTO	Contract Task Order
COPC	constituents of potential concern
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
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
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 197 West Althea Street (Formerly 772 West Althea Street). 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.

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. Groundwater analytical results are also compared to the site specific groundwater vapor intrusion screening levels (VISLs) to evaluate the potential for vapor intrusion and the necessity for an investigation associated with this media. A multi-media investigation selection process tree, applicable to the LBMH UST investigations, is presented as Appendix A.

2.0 SAMPLING ACTIVITIES AND RESULTS

The following section presents the sampling activities and associated results for 197 West Althea Street (Formerly 772 West Althea Street). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 772 West Althea Street* (MCAS Beaufort, 1999) and *SCDHEC UST Assessment Report – 772 West Althea Street* (MCAS Beaufort, 2011). The UST Assessment Reports are provided in Appendix B.

2.1 UST Removal and Soil Sampling

Two 280 gallon heating oil USTs were removed at 197 West Althea Street (Formerly 772 West Althea Street). Tank 1 was removed on September 9, 1999, from the front yard. Tank 2 was removed on October 20, 2010, from the landscaped area adjacent to the concrete porch. The former UST locations are indicated on the figures 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 depth to the bases of the USTs were not specified (Tank 1) and 6'2" bgs (Tank 2) and a single soil sample was collected for each from that depth.

Following UST removal, a soil sample was collected from the base of each excavation 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 UST locations (Tanks 1 and 2) at 197 West Althea Street (Formerly 772 West Althea Street) were less than the SCDHEC RBSLs, which indicated the subsurface was not impacted by COPCs associated with the former USTs at concentrations that presented a potential risk to human health and the environment.

3.0 PROPERTY STATUS

Based on the analytical results for soil, SCDHEC made the determination that NFA was required for 197 West Althea Street (Formerly 772 West Althea Street). This NFA determination was obtained in a letter dated December 14, 2016. SCDHEC's NFA letter is provided in Appendix C.

4.0 REFERENCES

Marine Corps Air Station Beaufort, 1999. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 772 West Althea Street, Laurel Bay Military Housing Area*, September 1999.

Marine Corps Air Station Beaufort, 2011. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 772 West Althea Street, Laurel Bay Military Housing Area*, February 2011.

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.

Table

Table 1
Laboratory Analytical Results - Soil
197 West Althea Street (Formerly 772 West Althea Street)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs [1]	Results Samples Collected 09/09/99 and 10/20/10	
		772 UST 1 09/09/99	772 Althea 10/20/10
Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)			
Benzene	0.003	ND	ND
Ethylbenzene	1.15	ND	ND
Naphthalene	0.036	ND	ND
Toluene	0.627	ND	ND
Xylenes, Total	13.01	ND	ND
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (mg/kg)			
Benzo(a)anthracene	0.66	ND	ND
Benzo(b)fluoranthene	0.66	ND	ND
Benzo(k)fluoranthene	0.66	ND	ND
Chrysene	0.66	ND	ND
Dibenz(a,h)anthracene	0.66	ND	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 and 3.1 (SCDHEC, May 2015 and SCDHEC, February 2016) and the Underground Storage Tank Assessment Guidelines (SCDHEC, February 2006).

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 - milligram per kilogram

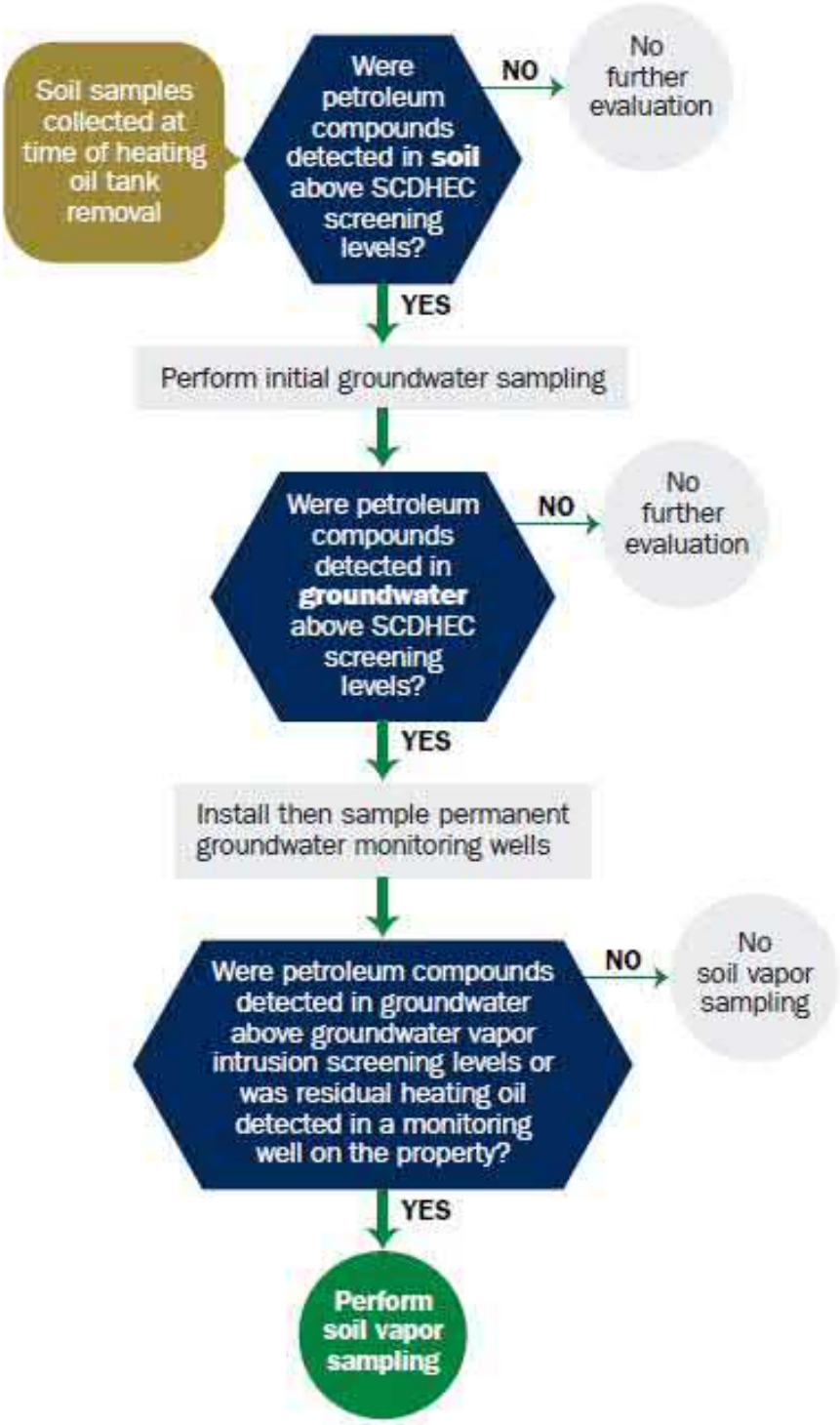
ND - not detected at the reporting limit (or method detection limit if shown on the laboratory report). The laboratory report is provided in Appendix B.

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

Appendix A
Multi-Media Selection Process for LBMH

CDM - AECOM
Multimedia Joint Venture



Appendix A - Multi-Media Selection Process for LBMH

Appendix B
UST Assessment Reports

CDM - AECOM
Multimedia Joint Venture

M60169.AR.001351
MCAS BEAUFORT
5090.3a

HEATING OIL UNDERGROUND STORAGE TANK REMOVAL LABORATORY DATA FOR 772 ALTHEA STREET MILITARY HOUSING AREA WITH TRANSMITTAL MCAS BEAUFORT SC
4/20/2009
U S MARINE CORPS

UNITED STATES MARINE CORPS
MARINE CORPS AIR STATION
BEAUFORT, SOUTH CAROLINA 29904-5001

IN REPLY REFER TO
5900
NREAO/057
April 20, 2009

SCDHEC-BLWM
Attn: Ms. Jan T. Cooke
2600 Bull Street
Columbia, South Carolina 29201

Dear Ms. Cooke:

Subject: Heating Oil UST Removal Laboratory Data for Laurel Bay Military Housing, Marine Corps Air Station (MCAS) Beaufort, South Carolina

Enclosed are laboratory results for heating oil UST removals at 6 homes located in Laurel Bay Military Housing, MCAS Beaufort. The addresses for the homes included in this package are: 345 Ash, 378 Aspen, 603 Dahlia, 768 Althea, 110 Althea, and 772 Althea. Limited information is available for these tank removals as they occurred in 1999. The only information available is laboratory data and general locations of the tanks removed. One discrepancy is the report for 770 Althea. A fax that lists these tank removals indicates that 2 tanks were removed at 764 Althea and hand writing on the fax suggests that the actual address may be 766 Althea. We believe the actual house the fax and laboratory reports are referring to is 770 Althea. Three tanks were removed at 766 Althea in 1999 that required a period of ground water monitoring (SCDHEC ID# 01439). A no further action decision was rendered for the site by SCDHEC in a letter dated October 10, 2003. In addition, in the 2006 tank removal event, no tank was discovered at 770 Althea; however a tank was found and removed at 764 Althea (SCHEC ID# 03748). Again, based on this information, we believe that the actual house the enclosed fax and laboratory report is referring to is 770 Althea.

One soil sample was submitted from each tank pulled and analyzed for volatile organic compounds (VOCs) by method 8260 and for semi-volatile organic compounds by method 8270. No petroleum compounds were detected in any of the soil samples. Methylene chloride was detected in all of the samples at nearly identical levels. Given the similar levels detected and the

common occurrence of methylene chloride as a laboratory contaminant, we believe the methylene chloride detected in the soil samples is the result of laboratory contamination.

If you have any questions regarding this information please contact Craig Ehde at 843-228-7317 or craig.ehde@usmc.mil.

Sincerely,

William A Drawdy
Natural Resources and
Environmental Affairs Officer
By Direction of the
Commanding Officer

Enclosure: Assessment Reports for the following residences: 345 Ash, 378 Aspen, 603 Dahlia, 768 Althea, 110 Althea, and 772 Althea.

Cc: Mr. Russell Berry, EQC Low Country District (w/o enclosures)

RAY JAMES
POLICE INSPECTOR

R & G CONSTRUCTION CO.
MCAS Field Office
584 Kimes Avenue
P.O. Box 9191
Beaufort, SC 29904-9191

(843) 521-9773 Phone (843) 521-9115 Fax

BILL DENNIS

facsimile transmittal

To: Jim Reeves
Fax: 522-7032

From: Beth
Date: Tuesday, June 22, 1999

Re: Locations of tanks
Pages: 1 including cover

REF:

Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☑ For Your Info

COMMENTS:

Following are locations where tanks have been removed:

603 Dahlia ✓

378 Aspen ✓

345 Ash ✓

768 Althea ✓

772 Althea ✓

* 764 Althea (2 tanks removed)

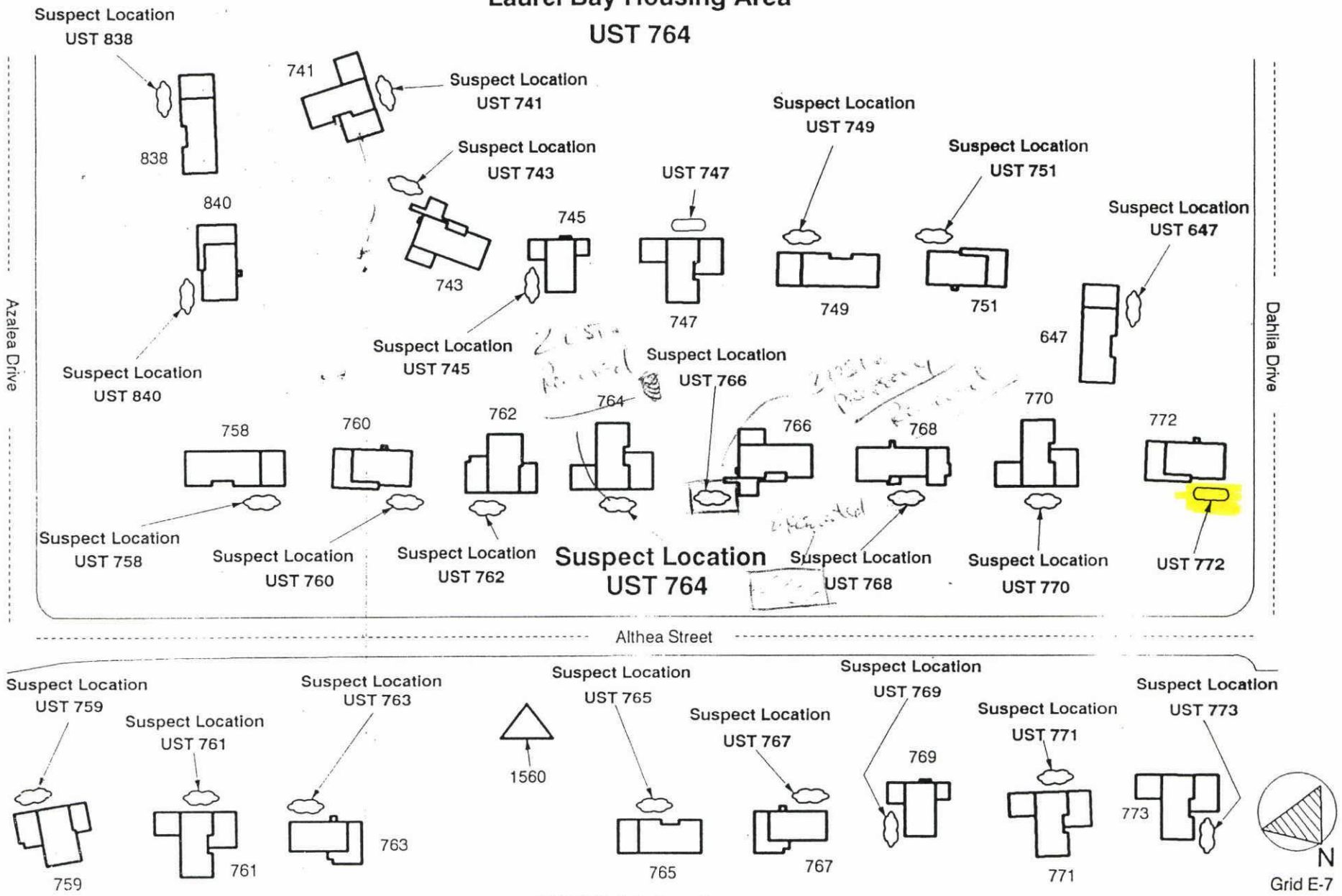
UST's Removed

* 766 Althea Final Release

* Per Mary Ellen Smith – More than 1 UST may be at some houses, possibly up to 4

CONFIDENTIAL

MCAS Beaufort
Laurel Bay Housing Area
UST 764



EG&G Idaho, Inc.

Site sketches are schematic representations indicating approximate locations and orientations.

SPECIALIZED ASSAYS, IN
2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

772 ACTIVITY @ L. BAY

USACE-SAVANNAH DISTRICT 8995
MARK HARVISON
100 WEST OGLETHORPE AVE
SAVANNAH, GA 31402

Project: DD208
Project Name: LAUREL BAY UST
Sampler: J. SMITH

Lab Number: 99-A138224
Sample ID: 772 UST1
Sample Type: Soil
Site ID:

Date Collected: 9/ 9/99
Time Collected: 10:56
Date Received: 9/10/99
Time Received: 8:30

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS										
Acenaphthene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Acenaphthylene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Anthracene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Benzo(a)anthracene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Benzo(a)pyrene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Benzo(b)fluoranthene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Benzo(g,h,i)perylene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Benzo(k)fluoranthene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
4-Bromophenylphenylether	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Butylbenzylphthalate	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Carbazole	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
4-Chloro-3-methylphenol	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
4-Chloroaniline	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
bis(2-Chloroethoxy)methane	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
bis(2-Chloroethyl)ether	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
2-Chloronaphthalene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
2-Chlorophenol	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
4-Chlorophenylphenylether	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Chrysene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Dibenzofuran	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Dibenz(a,h)anthracene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
1,2-Dichlorobenzene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
1,3-Dichlorobenzene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
1,4-Dichlorobenzene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
3,3'-Dichlorobenzidine	ND	mg/kg	0.776	0.660	1	9/17/99	11:34	M.Goodrich	8270C	4973
2,4-Dichlorophenol	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Diethylphthalate	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
2,4-Dimethylphenol	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Dimethylphthalate	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Di-n-butylphthalate	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.971	0.825	1	9/17/99	11:34	M.Goodrich	8270C	4973
2,4-Dinitrophenol	ND	mg/kg	0.971	0.825	1	9/17/99	11:34	M.Goodrich	8270C	4973
2,4-dinitrotoluene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
2,6-Dinitrotoluene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973

SPECIALIZED ASSAYS, INC
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Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 99-A138224
Sample ID: 772 UST1

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Di-n-octylphthalate	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Fluoranthene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Fluorene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Hexachlorobenzene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Hexachlorobutadiene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Hexachlorocyclopentadiene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Hexachloroethane	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Isophorone	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
2-Methylnaphthalene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
2-Methylphenol	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
m,p-Methylphenol	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Naphthalene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
2-Nitroaniline	ND	mg/kg	0.971	0.825	1	9/17/99	11:34	M.Goodrich	8270C	4973
3-Nitroaniline	ND	mg/kg	0.971	0.825	1	9/17/99	11:34	M.Goodrich	8270C	4973
4-Nitroaniline	ND	mg/kg	0.971	0.825	1	9/17/99	11:34	M.Goodrich	8270C	4973
Nitrobenzene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
2-Nitrophenol	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
4-Nitrophenol	ND	mg/kg	0.971	0.825	1	9/17/99	11:34	M.Goodrich	8270C	4973
N-nitrosodi-n-propylamine	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
N-nitrosodiphenylamine	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Pentachlorophenol	ND	mg/kg	0.971	0.825	1	9/17/99	11:34	M.Goodrich	8270C	4973
Phenanthrene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Phenol	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Pyrene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
1,2,4-Trichlorobenzene	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
2,4,5-Trichlorophenol	ND	mg/kg	0.971	0.825	1	9/17/99	11:34	M.Goodrich	8270C	4973
2,4,6-Trichlorophenol	ND	mg/kg	0.388	0.330	1	9/17/99	11:34	M.Goodrich	8270C	4973
VOLATILE ORGANICS										
Acetone	ND	mg/kg	0.0103	0.0088	1	9/11/99	23:26	M.Cathey	8260B	5553
Acrolein	ND	mg/kg	0.0103	0.0088	1	9/11/99	23:26	M.Cathey	8260B	5553
Acrylonitrile	ND	mg/kg	0.0103	0.0088	1	9/11/99	23:26	M.Cathey	8260A	5553
Benzene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Bromobenzene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Bromochloromethane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Bromoform	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Bromomethane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
2-Butanone	ND	mg/kg	0.0103	0.0088	1	9/11/99	23:26	M.Cathey	8260B	5553
n-Butylbenzene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
sec-Butylbenzene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
t-Butylbenzene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Carbon disulfide	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553

SPECIALIZED ASSAYS, IN
2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 99-A138224
Sample ID: 772 UST1

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Carbon tetrachloride	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Chlorobenzene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Chloroethane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
2-Chloroethylvinylether	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Chloroform	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Chloromethane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
2-Chlorotoluene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
4-Chlorotoluene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0103	0.0088	1	9/11/99	23:26	M.Cathey	8260B	5553
Dibromochloromethane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,2-Dibromoethane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Dibromomethane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,4-Dichloro-2-butene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,2-Dichlorobenzene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,3-Dichlorobenzene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,4-Dichlorobenzene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Dichlorodifluoromethane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,1-Dichloroethane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,2-Dichloroethane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,1-Dichloroethene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
cis-1,2-Dichloroethene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
trans-1,2-Dichloroethene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,2-Dichloropropane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,3-Dichloropropane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
2,2-Dichloropropane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,1-Dichloropropene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
cis-1,3-Dichloropropene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
trans-1,3-Dichloropropene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Ethylbenzene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Hexachlorobutadiene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
2-Hexanone	ND	mg/kg	0.0103	0.0088	1	9/11/99	23:26	M.Cathey	8260B	5553
Iodomethane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Isopropylbenzene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
4-Isopropyltoluene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Methyl methacrylate	ND	mg/kg	0.0104	0.0088	1	9/11/99	23:26	M.Cathey	8260B	5553
4-Methyl-2-pentanone	ND	mg/kg	0.0103	0.0088	1	9/11/99	23:26	M.Cathey	8260B	5553
Methylene chloride	0.0175	mg/kg	0.0103	0.0088	1	9/11/99	23:26	M.Cathey	8260B	5553
Naphthalene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
n-Propylbenzene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Styrene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Tetrachloroethene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Toluene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553

SPECIALIZED ASSAYS, INC
2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 99-A138224
Sample ID: 772 UST1

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,2,3-Trichlorobenzene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,2,4-Trichlorobenzene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,1,1-Trichloroethane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,1,2-Trichloroethane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Trichloroethene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,2,3-Trichloropropane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,2,4-Trimethylbenzene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
1,3,5-Trimethylbenzene	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Vinyl acetate	ND	mg/kg	0.0103	0.0088	1	9/11/99	23:26	M.Cathey	8260B	5553
Vinyl chloride	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Xylenes	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Bromodichloromethane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Trichlorofluoromethane	ND	mg/kg	0.0021	0.0018	1	9/11/99	23:26	M.Cathey	8260B	5553
Methyl-t-butyl ether	ND	mg/kg	0.0103	0.0050	1	9/11/99	23:26	M.Cathey	8260B	5553
GENERAL CHEMISTRY PARAMETERS										
% Dry Weight	85.	%			1	9/16/99	11:00	A.Bufalino	CLP	1508

ND = Not detected at the report limit.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Analyst	Method
DNA's	30.4 gm	1.0 ml	9/15/99	M. Cauthen	3550
Volatile Organics	5.7 g	5.0 ml	9/10/99	M.Hinelick	5035

Surrogate	% Recovery	Target Range
surr-1,2-Dichloroethane, d4	106.	48. - 160.
surr-Toluene d8	111.	79. - 119.
surr-4-Bromofluorobenzene	102.	69. - 135.
surr-Dibromofluoromethane	121.	63. - 135.
surr-Nitrobenzene-d5	45.	20. - 110.
surr-2-Fluorobiphenyl	48.	18. - 110.
surr-Terphenyl d14	58.	27. - 128.
surr-Phenol d5	61.	10. - 111.
surr-2-Fluorophenol	53.	10. - 107.
surr-2,4,6-Tribromophenol	59.	14. - 110.

Attachment 1

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

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

772 Althea Street, 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).....	772Althea				
B.	Capacity..(ex. 1k, 2k).....	Heating oil				
C.	Age.....	280 gal				
D.	Construction Material..(ex. Steel, FRP).....	Late 1950s				
E.	Month/Year of Last Use.....	Steel				
F.	Depth (ft.) To Base of Tank.....	Mid 1980s				
G.	Spill Prevention Equipment Y/N.....	6'2"				
H.	Overfill Prevention Equipment Y/N.....	No				
I.	Method of Closure Removed/Filled.....	No				
J.	Date Tanks Removed/Filled.....	Removed				
K.	Visible Corrosion or Pitting Y/N.....	10/20/10				
L.	Visible Holes Y/N.....	Yes				
		Yes				

M. Method of disposal for any USTs removed from the ground (attach disposal manifests)
UST 772Althea 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)
Contaminated water was pumped from the tank 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 scattered about the tank.

VII. PIPING INFORMATION

772Althea				
Steel & Copper				
N/A				
N/A				
Suction				
Yes				
Yes				
No				
Late 1950s				

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.

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 #
772 Althea	Excav at fill end	Soil	Sandy	6'2"	10/20/10 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 and water 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.

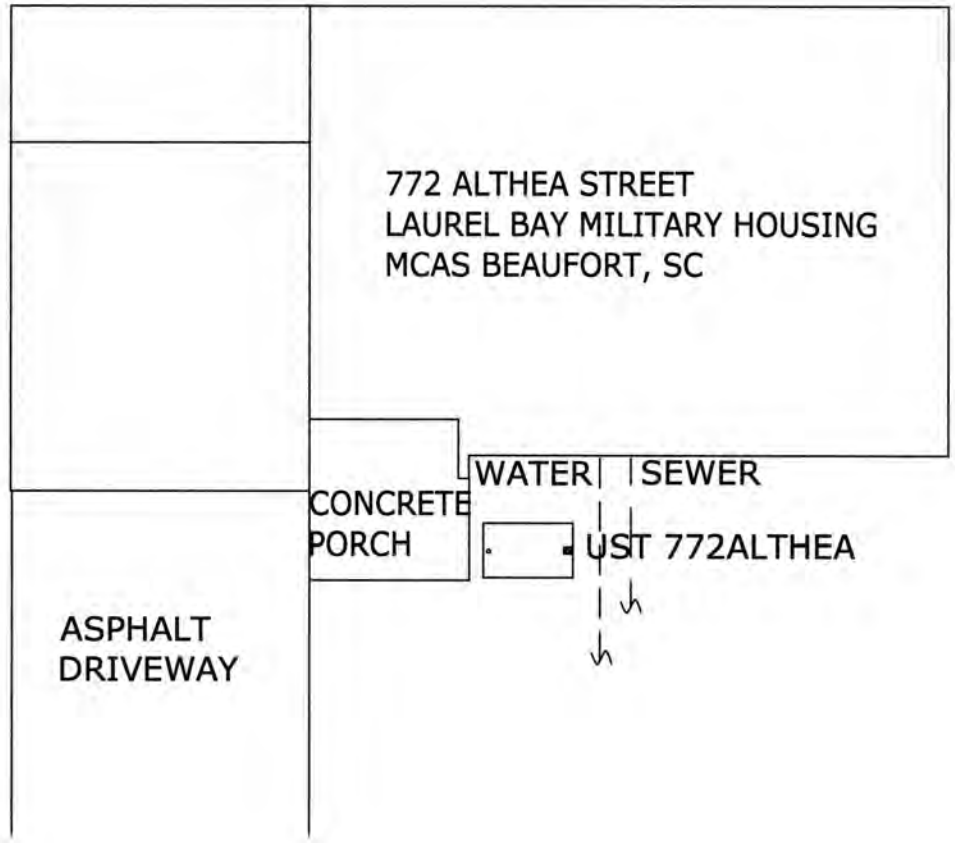
(Attach Site Map Here)

SBG-EEG, Inc.
398 E. 5th North Street, Suite C
Summerville SC 29483-6954
Ph. (843) 875-1930

Drawn By: L. DiAsio

Dwg Date: NOV 2010

FIGURE 1: LOCATION MAP
772 ALTHEA STREET
LAUREL BAY, BEAUFORT SC



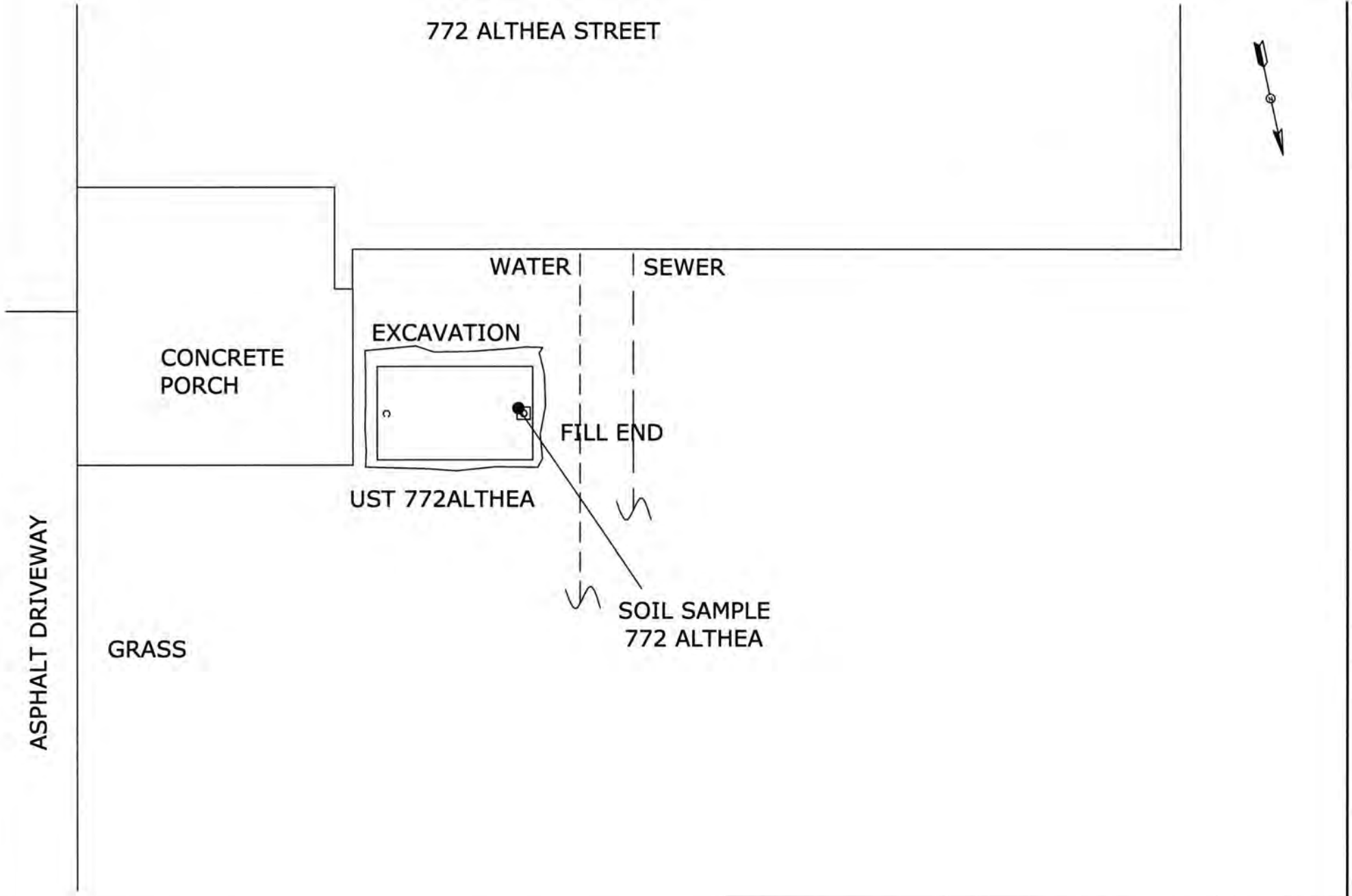
GRAPHIC SCALE

0 5' 10' 20'

SBG-EEG
398 E. 5 NORTH ST., SUITE C
SUMMERVILLE, SC
29483-6954

FIGURE 2 SITE MAP
772 ALTHEA ST., LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC | DWG DATE DEC 2010



GRAPHIC SCALE
0 5'

UST 772 ALTHEA WAS
38" BELOW GRADE.

SBG-EEG
398 E. 5 NORTH ST., SUITE C
SUMMERVILLE, SC
29483-6954

FIGURE 3 UST SAMPLE LOCATIONS
772 ALTHEA ST., LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC | DWG DATE DEC 2010

Picture 1: Location of UST 772Althea.

Picture 2: Tank excavation in progress.

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	772Althea						
Benzene	ND						
Toluene	ND						
Ethylbenzene	ND						
Xylenes	ND						
Naphthalene	ND						
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
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

November 09, 2010 12:58:56PM

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

Work Order: NTJ2921
Project Name: Laurel Bay Housing Project
Project Nbr: [none]
P/O Nbr: 1005
Date Received: 10/22/10

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
767 Althea-1	NTJ2921-01	10/18/10 11:30
767 Althea-2	NTJ2921-02	10/18/10 15:00
768 Althea-1	NTJ2921-03	10/19/10 10:30
768 Althea-2	NTJ2921-04	10/19/10 13:45
768 Althea-3	NTJ2921-05	10/19/10 16:00
772 Althea	NTJ2921-06	10/20/10 11:45
775 Althea	NTJ2921-07	10/20/10 15:45
776 Laurel Bay Blvd.	NTJ2921-08	10/21/10 11:15
774 Althea	NTJ2921-09	10/21/10 16:45

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.

South Carolina Certification Number: 84009

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

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

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTJ2921-01 (767 Althea-1 - Soil) Sampled: 10/18/10 11:30										
General Chemistry Parameters										
% Dry Solids	**83.7**		%	0.500	0.500	1	10/29/10 09:22	SW-846	HLB	10J5505
Volatile Organic Compounds by EPA Method 8260B										
Benzene	**0.154**		mg/kg dry	0.00118	0.00214	1	10/28/10 07:16	SW846 8260B	MJH/H	10J4214
Ethylbenzene	**6.28**		mg/kg dry	0.0525	0.107	50	10/28/10 19:55	SW846 8260B	MJH/H	10J5890
Naphthalene	**88.0**		mg/kg dry	1.82	5.36	1000	10/28/10 20:24	SW846 8260B	MJH/H	10J5890
Toluene	ND		mg/kg dry	0.000954	0.00214	1	10/28/10 07:16	SW846 8260B	MJH/H	10J4214
Xylenes, total	**0.376**		mg/kg dry	0.00204	0.00536	1	10/28/10 07:16	SW846 8260B	MJH/H	10J4214
Surr: 1,2-Dichloroethane-d4 (67-138%)	*100 %*					*1*	*10/28/10 07:16*	*SW846 8260B*	*MJH/H*	*10J4214*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*95 %*					*50*	*10/28/10 19:55*	*SW846 8260B*	*MJH/H*	*10J5890*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*95 %*					*1000*	*10/28/10 20:24*	*SW846 8260B*	*MJH/H*	*10J5890*
Surr: Dibromofluoromethane (75-125%)	*105 %*					*1*	*10/28/10 07:16*	*SW846 8260B*	*MJH/H*	*10J4214*
Surr: Dibromofluoromethane (75-125%)	*93 %*					*50*	*10/28/10 19:55*	*SW846 8260B*	*MJH/H*	*10J5890*
Surr: Dibromofluoromethane (75-125%)	*94 %*					*1000*	*10/28/10 20:24*	*SW846 8260B*	*MJH/H*	*10J5890*
Surr: Toluene-d8 (76-129%)	*1260 %*	*ZX*				*1*	*10/28/10 07:16*	*SW846 8260B*	*MJH/H*	*10J4214*
Surr: Toluene-d8 (76-129%)	*121 %*					*50*	*10/28/10 19:55*	*SW846 8260B*	*MJH/H*	*10J5890*
Surr: Toluene-d8 (76-129%)	*103 %*					*1000*	*10/28/10 20:24*	*SW846 8260B*	*MJH/H*	*10J5890*
Surr: 4-Bromofluorobenzene (67-147%)	*1780 %*	*ZX*				*1*	*10/28/10 07:16*	*SW846 8260B*	*MJH/H*	*10J4214*
Surr: 4-Bromofluorobenzene (67-147%)	*136 %*					*50*	*10/28/10 19:55*	*SW846 8260B*	*MJH/H*	*10J5890*
Surr: 4-Bromofluorobenzene (67-147%)	*110 %*					*1000*	*10/28/10 20:24*	*SW846 8260B*	*MJH/H*	*10J5890*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	**5.36**		mg/kg dry	0.162	0.776	10	10/29/10 14:00	SW846 8270D	BES	10J4632
Acenaphthylene	**2.66**		mg/kg dry	0.232	0.776	10	10/29/10 14:00	SW846 8270D	BES	10J4632
Anthracene	**0.741**	J	mg/kg dry	0.104	0.776	10	10/29/10 14:00	SW846 8270D	BES	10J4632
Benzo (a) anthracene	**1.22**		mg/kg dry	0.127	0.776	10	10/29/10 14:00	SW846 8270D	BES	10J4632
Benzo (a) pyrene	**0.428**	J	mg/kg dry	0.0926	0.776	10	10/29/10 14:00	SW846 8270D	BES	10J4632
Benzo (b) fluoranthene	**0.718**	J	mg/kg dry	0.440	0.776	10	10/29/10 14:00	SW846 8270D	BES	10J4632
Benzo (g,h,i) perylene	ND		mg/kg dry	0.104	0.776	10	10/29/10 14:00	SW846 8270D	BES	10J4632
Benzo (k) fluoranthene	ND		mg/kg dry	0.428	0.776	10	10/29/10 14:00	SW846 8270D	BES	10J4632
Chrysene	**1.11**		mg/kg dry	0.359	0.776	10	10/29/10 14:00	SW846 8270D	BES	10J4632
Dibenz (a,h) anthracene	ND		mg/kg dry	0.174	0.776	10	10/29/10 14:00	SW846 8270D	BES	10J4632
Fluoranthene	**3.05**		mg/kg dry	0.127	0.776	10	10/29/10 14:00	SW846 8270D	BES	10J4632
Fluorene	**8.29**		mg/kg dry	0.232	0.776	10	10/29/10 14:00	SW846 8270D	BES	10J4632
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.359	0.776	10	10/29/10 14:00	SW846 8270D	BES	10J4632
Naphthalene	**28.1**		mg/kg dry	0.162	0.776	10	10/29/10 14:00	SW846 8270D	BES	10J4632
Phenanthrene	**17.9**		mg/kg dry	0.116	0.776	10	10/29/10 14:00	SW846 8270D	BES	10J4632
Pyrene	**2.92**		mg/kg dry	0.266	0.776	10	10/29/10 14:00	SW846 8270D	BES	10J4632
1-Methylnaphthalene	**108**		mg/kg dry	1.39	7.76	100	10/30/10 21:11	SW846 8270D	BES	10J4632
2-Methylnaphthalene	**178**		mg/kg dry	2.43	7.76	100	10/30/10 21:11	SW846 8270D	BES	10J4632
Surr: Terphenyl-d14 (18-120%)	*42 %*					*10*	*10/29/10 14:00*	*SW846 8270D*	*BES*	*10J4632*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTJ2921-01 (767 Althea-1 - Soil) - cont. Sampled: 10/18/10 11:30										
Polyaromatic Hydrocarbons by EPA 8270D - cont.										
Surr: 2-Fluorobiphenyl (14-120%)	*68 %*					*10*	*10/29/10 14:00*	*SW846 8270D*	*BES*	*10J4632*
Surr: Nitrobenzene-d5 (17-120%)	*155 %*	*Z3*				*10*	*10/29/10 14:00*	*SW846 8270D*	*BES*	*10J4632*
Sample ID: NTJ2921-02 (767 Althea-2 - Soil) Sampled: 10/18/10 15:00										
General Chemistry Parameters										
% Dry Solids	**80.1**		%	0.500	0.500	1	10/29/10 09:22	SW-846	HLB	10J5505
Volatile Organic Compounds by EPA Method 8260B										
Benzene	**0.00111**	J	mg/kg dry	0.00106	0.00193	1	10/29/10 20:46	SW846 8260B	MJH/H	10J3703
Ethylbenzene	**0.00601**		mg/kg dry	0.000947	0.00193	1	10/29/10 20:46	SW846 8260B	MJH/H	10J3703
Naphthalene	**0.0347**		mg/kg dry	0.00164	0.00483	1	10/29/10 20:46	SW846 8260B	MJH/H	10J3703
Toluene	**0.00111**	J	mg/kg dry	0.000860	0.00193	1	10/29/10 20:46	SW846 8260B	MJH/H	10J3703
Xylenes, total	ND		mg/kg dry	0.00184	0.00483	1	10/29/10 20:46	SW846 8260B	MJH/H	10J3703
Surr: 1,2-Dichloroethane-d4 (67-138%)	*96 %*					*1*	*10/29/10 20:46*	*SW846 8260B*	*MJH/H*	*10J3703*
Surr: Dibromofluoromethane (75-125%)	*106 %*					*1*	*10/29/10 20:46*	*SW846 8260B*	*MJH/H*	*10J3703*
Surr: Toluene-d8 (76-129%)	*102 %*					*1*	*10/29/10 20:46*	*SW846 8260B*	*MJH/H*	*10J3703*
Surr: 4-Bromofluorobenzene (67-147%)	*107 %*					*1*	*10/29/10 20:46*	*SW846 8260B*	*MJH/H*	*10J3703*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0173	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
Acenaphthylene	ND		mg/kg dry	0.0247	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
Anthracene	ND		mg/kg dry	0.0111	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
Benzo (a) anthracene	ND		mg/kg dry	0.0136	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
Benzo (a) pyrene	ND		mg/kg dry	0.00987	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
Benzo (b) fluoranthene	ND		mg/kg dry	0.0469	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0111	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
Benzo (k) fluoranthene	ND		mg/kg dry	0.0457	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
Chrysene	ND		mg/kg dry	0.0383	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0185	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
Fluoranthene	**0.0765**	J	mg/kg dry	0.0136	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
Fluorene	**0.175**		mg/kg dry	0.0247	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0383	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
Naphthalene	**0.0621**	J	mg/kg dry	0.0173	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
Phenanthrene	**0.480**		mg/kg dry	0.0123	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
Pyrene	**0.0872**		mg/kg dry	0.0284	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
1-Methylnaphthalene	**0.432**		mg/kg dry	0.0148	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
2-Methylnaphthalene	**0.593**		mg/kg dry	0.0259	0.0827	1	10/28/10 19:27	SW846 8270D	BES	10J4632
Surr: Terphenyl-d14 (18-120%)	*67 %*					*1*	*10/28/10 19:27*	*SW846 8270D*	*BES*	*10J4632*
Surr: 2-Fluorobiphenyl (14-120%)	*56 %*					*1*	*10/28/10 19:27*	*SW846 8270D*	*BES*	*10J4632*
Surr: Nitrobenzene-d5 (17-120%)	*51 %*					*1*	*10/28/10 19:27*	*SW846 8270D*	*BES*	*10J4632*

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTJ2921-03 (768 Althea-1 - Soil) Sampled: 10/19/10 10:30										
General Chemistry Parameters										
% Dry Solids	**84.9**		%	0.500	0.500	1	10/29/10 09:22	SW-846	HLB	10J5505
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.000942	0.00171	1	10/29/10 21:15	SW846 8260B	MJH/H	10J3703
Ethylbenzene	**0.0128**		mg/kg dry	0.000839	0.00171	1	10/29/10 21:15	SW846 8260B	MJH/H	10J3703
Naphthalene	**0.0783**		mg/kg dry	0.00146	0.00428	1	10/29/10 21:15	SW846 8260B	MJH/H	10J3703
Toluene	**0.000993**	J	mg/kg dry	0.000762	0.00171	1	10/29/10 21:15	SW846 8260B	MJH/H	10J3703
Xylenes, total	**0.0460**		mg/kg dry	0.00163	0.00428	1	10/29/10 21:15	SW846 8260B	MJH/H	10J3703
Surr: 1,2-Dichloroethane-d4 (67-138%)	*100 %*					*1*	*10/29/10 21:15*	*SW846 8260B*	*MJH/H*	*10J3703*
Surr: Dibromofluoromethane (75-125%)	*104 %*					*1*	*10/29/10 21:15*	*SW846 8260B*	*MJH/H*	*10J3703*
Surr: Toluene-d8 (76-129%)	*105 %*					*1*	*10/29/10 21:15*	*SW846 8260B*	*MJH/H*	*10J3703*
Surr: 4-Bromofluorobenzene (67-147%)	*104 %*					*1*	*10/29/10 21:15*	*SW846 8260B*	*MJH/H*	*10J3703*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0163	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
Acenaphthylene	ND		mg/kg dry	0.0233	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
Anthracene	ND		mg/kg dry	0.0105	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
Benzo (a) anthracene	ND		mg/kg dry	0.0128	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
Benzo (a) pyrene	ND		mg/kg dry	0.00931	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
Benzo (b) fluoranthene	ND		mg/kg dry	0.0442	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0105	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
Benzo (k) fluoranthene	ND		mg/kg dry	0.0431	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
Chrysene	ND		mg/kg dry	0.0361	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0175	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
Fluoranthene	ND		mg/kg dry	0.0128	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
Fluorene	ND		mg/kg dry	0.0233	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0361	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
Naphthalene	ND		mg/kg dry	0.0163	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
Phenanthrene	ND		mg/kg dry	0.0116	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
Pyrene	ND		mg/kg dry	0.0268	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
1-Methylnaphthalene	**0.0450**	J	mg/kg dry	0.0140	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
2-Methylnaphthalene	**0.0702**	J	mg/kg dry	0.0244	0.0780	1	10/28/10 19:48	SW846 8270D	BES	10J4632
Surr: Terphenyl-d14 (18-120%)	*59 %*					*1*	*10/28/10 19:48*	*SW846 8270D*	*BES*	*10J4632*
Surr: 2-Fluorobiphenyl (14-120%)	*46 %*					*1*	*10/28/10 19:48*	*SW846 8270D*	*BES*	*10J4632*
Surr: Nitrobenzene-d5 (17-120%)	*40 %*					*1*	*10/28/10 19:48*	*SW846 8270D*	*BES*	*10J4632*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTJ2921-04 (768 Althea-2 - Soil) Sampled: 10/19/10 13:45										
General Chemistry Parameters										
% Dry Solids	**81.8**		%	0.500	0.500	1	10/29/10 09:22	SW-846	HLB	10J5505
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00124	0.00226	1	10/28/10 08:44	SW846 8260B	MJH/H	10J4214
Ethylbenzene	**0.947**		mg/kg dry	0.0554	0.113	50	10/28/10 19:25	SW846 8260B	MJH/H	10J5890
Naphthalene	**4.47**		mg/kg dry	0.0960	0.282	50	10/28/10 19:25	SW846 8260B	MJH/H	10J5890
Toluene	**0.00136**	J	mg/kg dry	0.00101	0.00226	1	10/28/10 08:44	SW846 8260B	MJH/H	10J4214
Xylenes, total	**0.385**		mg/kg dry	0.00215	0.00565	1	10/28/10 08:44	SW846 8260B	MJH/H	10J4214
Surr: 1,2-Dichloroethane-d4 (67-138%)	*94 %*					*1*	*10/28/10 08:44*	*SW846 8260B*	*MJH/H*	*10J4214*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*91 %*					*50*	*10/28/10 19:25*	*SW846 8260B*	*MJH/H*	*10J5890*
Surr: Dibromofluoromethane (75-125%)	*92 %*					*1*	*10/28/10 08:44*	*SW846 8260B*	*MJH/H*	*10J4214*
Surr: Dibromofluoromethane (75-125%)	*90 %*					*50*	*10/28/10 19:25*	*SW846 8260B*	*MJH/H*	*10J5890*
Surr: Toluene-d8 (76-129%)	*138 %*	*ZX*				*1*	*10/28/10 08:44*	*SW846 8260B*	*MJH/H*	*10J4214*
Surr: Toluene-d8 (76-129%)	*106 %*					*50*	*10/28/10 19:25*	*SW846 8260B*	*MJH/H*	*10J5890*
Surr: 4-Bromofluorobenzene (67-147%)	*291 %*	*ZX*				*1*	*10/28/10 08:44*	*SW846 8260B*	*MJH/H*	*10J4214*
Surr: 4-Bromofluorobenzene (67-147%)	*103 %*					*50*	*10/28/10 19:25*	*SW846 8260B*	*MJH/H*	*10J5890*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	**0.632**		mg/kg dry	0.0169	0.0810	1	10/28/10 20:11	SW846 8270D	BES	10J4632
Acenaphthylene	ND		mg/kg dry	0.0242	0.0810	1	10/28/10 20:11	SW846 8270D	BES	10J4632
Anthracene	**0.453**		mg/kg dry	0.0109	0.0810	1	10/28/10 20:11	SW846 8270D	BES	10J4632
Benzo (a) anthracene	**1.26**		mg/kg dry	0.0133	0.0810	1	10/28/10 20:11	SW846 8270D	BES	10J4632
Benzo (a) pyrene	**0.539**		mg/kg dry	0.00967	0.0810	1	10/28/10 20:11	SW846 8270D	BES	10J4632
Benzo (b) fluoranthene	**0.903**		mg/kg dry	0.0459	0.0810	1	10/28/10 20:11	SW846 8270D	BES	10J4632
Benzo (g,h,i) perylene	**0.139**		mg/kg dry	0.0109	0.0810	1	10/28/10 20:11	SW846 8270D	BES	10J4632
Benzo (k) fluoranthene	**0.272**		mg/kg dry	0.0447	0.0810	1	10/28/10 20:11	SW846 8270D	BES	10J4632
Chrysene	**1.12**		mg/kg dry	0.0375	0.0810	1	10/28/10 20:11	SW846 8270D	BES	10J4632
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0181	0.0810	1	10/28/10 20:11	SW846 8270D	BES	10J4632
Fluoranthene	**2.88**		mg/kg dry	0.0133	0.0810	1	10/28/10 20:11	SW846 8270D	BES	10J4632
Fluorene	**1.34**		mg/kg dry	0.0242	0.0810	1	10/28/10 20:11	SW846 8270D	BES	10J4632
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0375	0.0810	1	10/28/10 20:11	SW846 8270D	BES	10J4632
Naphthalene	**2.59**		mg/kg dry	0.0169	0.0810	1	10/28/10 20:11	SW846 8270D	BES	10J4632
Phenanthrene	**3.77**		mg/kg dry	0.0121	0.0810	1	10/28/10 20:11	SW846 8270D	BES	10J4632
Pyrene	**2.54**		mg/kg dry	0.0278	0.0810	1	10/28/10 20:11	SW846 8270D	BES	10J4632
1-Methylnaphthalene	**10.2**		mg/kg dry	0.0580	0.324	4	10/29/10 12:55	SW846 8270D	BES	10J4632
2-Methylnaphthalene	**15.3**		mg/kg dry	0.101	0.324	4	10/29/10 12:55	SW846 8270D	BES	10J4632
Surr: Terphenyl-d14 (18-120%)	*62 %*					*1*	*10/28/10 20:11*	*SW846 8270D*	*BES*	*10J4632*
Surr: 2-Fluorobiphenyl (14-120%)	*58 %*					*1*	*10/28/10 20:11*	*SW846 8270D*	*BES*	*10J4632*
Surr: Nitrobenzene-d5 (17-120%)	*102 %*					*1*	*10/28/10 20:11*	*SW846 8270D*	*BES*	*10J4632*

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTJ2921-05 (768 Althea-3 - Soil) Sampled: 10/19/10 16:00										
General Chemistry Parameters										
% Dry Solids	**82.0**		%	0.500	0.500	1	10/29/10 09:22	SW-846	HLB	10J5505
Volatile Organic Compounds by EPA Method 8260B										
Benzene	**0.00194**	J	mg/kg dry	0.00115	0.00210	1	10/28/10 09:13	SW846 8260B	MJH/H	10J4214
Ethylbenzene	**0.421**		mg/kg dry	0.0514	0.105	50	10/28/10 20:53	SW846 8260B	MJH/H	10J5890
Naphthalene	**2.59**		mg/kg dry	0.0892	0.262	50	10/28/10 20:53	SW846 8260B	MJH/H	10J5890
Toluene	**0.00176**	J	mg/kg dry	0.000934	0.00210	1	10/28/10 09:13	SW846 8260B	MJH/H	10J4214
Xylenes, total	**0.647**		mg/kg dry	0.0997	0.262	50	10/28/10 20:53	SW846 8260B	MJH/H	10J5890
Surr: 1,2-Dichloroethane-d4 (67-138%)	*101 %*					*1*	*10/28/10 09:13*	*SW846 8260B*	*MJH/H*	*10J4214*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*94 %*					*50*	*10/28/10 20:53*	*SW846 8260B*	*MJH/H*	*10J5890*
Surr: Dibromofluoromethane (75-125%)	*103 %*					*1*	*10/28/10 09:13*	*SW846 8260B*	*MJH/H*	*10J4214*
Surr: Dibromofluoromethane (75-125%)	*96 %*					*50*	*10/28/10 20:53*	*SW846 8260B*	*MJH/H*	*10J5890*
Surr: Toluene-d8 (76-129%)	*1050 %*	*ZX*				*1*	*10/28/10 09:13*	*SW846 8260B*	*MJH/H*	*10J4214*
Surr: Toluene-d8 (76-129%)	*103 %*					*50*	*10/28/10 20:53*	*SW846 8260B*	*MJH/H*	*10J5890*
Surr: 4-Bromofluorobenzene (67-147%)	*2200 %*	*ZX*				*1*	*10/28/10 09:13*	*SW846 8260B*	*MJH/H*	*10J4214*
Surr: 4-Bromofluorobenzene (67-147%)	*103 %*					*50*	*10/28/10 20:53*	*SW846 8260B*	*MJH/H*	*10J5890*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0166	0.0794	1	10/28/10 20:33	SW846 8270D	BES	10J4632
Acenaphthylene	ND		mg/kg dry	0.0237	0.0794	1	10/28/10 20:33	SW846 8270D	BES	10J4632
Anthracene	**0.853**		mg/kg dry	0.0107	0.0794	1	10/28/10 20:33	SW846 8270D	BES	10J4632
Benzo (a) anthracene	**0.449**		mg/kg dry	0.0130	0.0794	1	10/28/10 20:33	SW846 8270D	BES	10J4632
Benzo (a) pyrene	**0.165**		mg/kg dry	0.00948	0.0794	1	10/28/10 20:33	SW846 8270D	BES	10J4632
Benzo (b) fluoranthene	**0.256**		mg/kg dry	0.0451	0.0794	1	10/28/10 20:33	SW846 8270D	BES	10J4632
Benzo (g,h,i) perylene	**0.0435**	J	mg/kg dry	0.0107	0.0794	1	10/28/10 20:33	SW846 8270D	BES	10J4632
Benzo (k) fluoranthene	**0.110**		mg/kg dry	0.0439	0.0794	1	10/28/10 20:33	SW846 8270D	BES	10J4632
Chrysene	**0.408**		mg/kg dry	0.0368	0.0794	1	10/28/10 20:33	SW846 8270D	BES	10J4632
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0178	0.0794	1	10/28/10 20:33	SW846 8270D	BES	10J4632
Fluoranthene	**1.66**		mg/kg dry	0.0130	0.0794	1	10/28/10 20:33	SW846 8270D	BES	10J4632
Fluorene	ND		mg/kg dry	0.0237	0.0794	1	10/28/10 20:33	SW846 8270D	BES	10J4632
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0368	0.0794	1	10/28/10 20:33	SW846 8270D	BES	10J4632
Naphthalene	**6.45**		mg/kg dry	0.0664	0.318	4	10/29/10 13:16	SW846 8270D	BES	10J4632
Phenanthrene	**9.10**		mg/kg dry	0.0474	0.318	4	10/29/10 13:16	SW846 8270D	BES	10J4632
Pyrene	**1.17**		mg/kg dry	0.0273	0.0794	1	10/28/10 20:33	SW846 8270D	BES	10J4632
1-Methylnaphthalene	**25.4**		mg/kg dry	0.285	1.59	20	10/29/10 14:57	SW846 8270D	BES	10J4632
2-Methylnaphthalene	**39.1**		mg/kg dry	0.498	1.59	20	10/29/10 14:57	SW846 8270D	BES	10J4632
Surr: Terphenyl-d14 (18-120%)	*59 %*					*1*	*10/28/10 20:33*	*SW846 8270D*	*BES*	*10J4632*
Surr: 2-Fluorobiphenyl (14-120%)	*48 %*					*1*	*10/28/10 20:33*	*SW846 8270D*	*BES*	*10J4632*
Surr: Nitrobenzene-d5 (17-120%)	*158 %*	*ZX*				*1*	*10/28/10 20:33*	*SW846 8270D*	*BES*	*10J4632*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTJ2921-06 (772 Althea - Soil) Sampled: 10/20/10 11:45										
General Chemistry Parameters										
% Dry Solids	75.5		%	0.500	0.500	1	10/29/10 09:22	SW-846	HLB	10J5505
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00141	0.00256	1	11/03/10 16:37	SW846 8260B	MJH/H	10J4481
Ethylbenzene	ND		mg/kg dry	0.00125	0.00256	1	11/03/10 16:37	SW846 8260B	MJH/H	10J4481
Naphthalene	ND	L	mg/kg dry	0.00217	0.00639	1	11/03/10 16:37	SW846 8260B	MJH/H	10J4481
Toluene	ND		mg/kg dry	0.00114	0.00256	1	11/03/10 16:37	SW846 8260B	MJH/H	10J4481
Xylenes, total	ND		mg/kg dry	0.00243	0.00639	1	11/03/10 16:37	SW846 8260B	MJH/H	10J4481
Surr: 1,2-Dichloroethane-d4 (67-138%)	*91 %*					*1*	*11/03/10 16:37*	*SW846 8260B*	*MJH/H*	*10J4481*
Surr: Dibromofluoromethane (75-125%)	*87 %*					*1*	*11/03/10 16:37*	*SW846 8260B*	*MJH/H*	*10J4481*
Surr: Toluene-d8 (76-129%)	*117 %*					*1*	*11/03/10 16:37*	*SW846 8260B*	*MJH/H*	*10J4481*
Surr: 4-Bromofluorobenzene (67-147%)	*102 %*					*1*	*11/03/10 16:37*	*SW846 8260B*	*MJH/H*	*10J4481*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0182	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
Acenaphthylene	ND		mg/kg dry	0.0261	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
Anthracene	ND		mg/kg dry	0.0117	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
Benzo (a) anthracene	ND		mg/kg dry	0.0143	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
Benzo (a) pyrene	ND		mg/kg dry	0.0104	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
Benzo (b) fluoranthene	ND		mg/kg dry	0.0495	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0117	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
Benzo (k) fluoranthene	ND		mg/kg dry	0.0482	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
Chrysene	ND		mg/kg dry	0.0404	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0195	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
Fluoranthene	ND		mg/kg dry	0.0143	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
Fluorene	ND		mg/kg dry	0.0261	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0404	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
Naphthalene	ND		mg/kg dry	0.0182	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
Phenanthrene	ND		mg/kg dry	0.0130	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
Pyrene	ND		mg/kg dry	0.0300	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
1-Methylnaphthalene	ND		mg/kg dry	0.0156	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
2-Methylnaphthalene	ND		mg/kg dry	0.0274	0.0873	1	10/28/10 20:54	SW846 8270D	BES	10J4632
Surr: Terphenyl-d14 (18-120%)	*60 %*					*1*	*10/28/10 20:54*	*SW846 8270D*	*BES*	*10J4632*
Surr: 2-Fluorobiphenyl (14-120%)	*52 %*					*1*	*10/28/10 20:54*	*SW846 8270D*	*BES*	*10J4632*
Surr: Nitrobenzene-d5 (17-120%)	*45 %*					*1*	*10/28/10 20:54*	*SW846 8270D*	*BES*	*10J4632*

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTJ2921-07 (775 Althea - Soil) Sampled: 10/20/10 15:45										
General Chemistry Parameters										
% Dry Solids	**81.3**		%	0.500	0.500	1	10/29/10 09:22	SW-846	HLB	10J5505
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00129	0.00235	1	11/01/10 16:37	SW846 8260B	MJH/H	10J4689
Ethylbenzene	**4.42**	M2	mg/kg dry	0.0549	0.112	50	11/03/10 20:11	SW846 8260B	MJH/H	10J4481
Naphthalene	**28.1**		mg/kg dry	1.90	5.60	1000	11/03/10 22:49	SW846 8260B	MJH H	10K0998
Toluene	ND		mg/kg dry	0.00104	0.00235	1	11/01/10 16:37	SW846 8260B	MJH/H	10J4689
Xylenes, total	**2.85**	B, M2	mg/kg dry	0.106	0.280	50	11/03/10 20:11	SW846 8260B	MJH/H	10J4481
Surr: 1,2-Dichloroethane-d4 (67-138%)	*102 %*					*1*	*11/01/10 16:37*	*SW846 8260B*	*MJH/H*	*10J4689*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*93 %*					*50*	*11/03/10 20:11*	*SW846 8260B*	*MJH/H*	*10J4481*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*83 %*					*1000*	*11/03/10 22:49*	*SW846 8260B*	*MJH H*	*10K0998*
Surr: Dibromofluoromethane (75-125%)	*105 %*					*1*	*11/01/10 16:37*	*SW846 8260B*	*MJH/H*	*10J4689*
Surr: Dibromofluoromethane (75-125%)	*91 %*					*50*	*11/03/10 20:11*	*SW846 8260B*	*MJH/H*	*10J4481*
Surr: Dibromofluoromethane (75-125%)	*91 %*					*1000*	*11/03/10 22:49*	*SW846 8260B*	*MJH H*	*10K0998*
Surr: Toluene-d8 (76-129%)	*137 %*	*ZX*				*1*	*11/01/10 16:37*	*SW846 8260B*	*MJH/H*	*10J4689*
Surr: Toluene-d8 (76-129%)	*115 %*					*50*	*11/03/10 20:11*	*SW846 8260B*	*MJH/H*	*10J4481*
Surr: Toluene-d8 (76-129%)	*103 %*					*1000*	*11/03/10 22:49*	*SW846 8260B*	*MJH H*	*10K0998*
Surr: 4-Bromofluorobenzene (67-147%)	*408 %*	*ZX*				*1*	*11/01/10 16:37*	*SW846 8260B*	*MJH/H*	*10J4689*
Surr: 4-Bromofluorobenzene (67-147%)	*119 %*					*50*	*11/03/10 20:11*	*SW846 8260B*	*MJH/H*	*10J4481*
Surr: 4-Bromofluorobenzene (67-147%)	*106 %*					*1000*	*11/03/10 22:49*	*SW846 8260B*	*MJH H*	*10K0998*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0168	0.0804	1	10/28/10 21:16	SW846 8270D	BES	10J4632
Acenaphthylene	ND		mg/kg dry	0.0240	0.0804	1	10/28/10 21:16	SW846 8270D	BES	10J4632
Anthracene	**0.761**		mg/kg dry	0.0108	0.0804	1	10/28/10 21:16	SW846 8270D	BES	10J4632
Benzo (a) anthracene	**0.279**		mg/kg dry	0.0132	0.0804	1	10/28/10 21:16	SW846 8270D	BES	10J4632
Benzo (a) pyrene	**0.0928**		mg/kg dry	0.00960	0.0804	1	10/28/10 21:16	SW846 8270D	BES	10J4632
Benzo (b) fluoranthene	**0.140**		mg/kg dry	0.0456	0.0804	1	10/28/10 21:16	SW846 8270D	BES	10J4632
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0108	0.0804	1	10/28/10 21:16	SW846 8270D	BES	10J4632
Benzo (k) fluoranthene	**0.0600**	J	mg/kg dry	0.0444	0.0804	1	10/28/10 21:16	SW846 8270D	BES	10J4632
Chrysene	**0.183**		mg/kg dry	0.0372	0.0804	1	10/28/10 21:16	SW846 8270D	BES	10J4632
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0180	0.0804	1	10/28/10 21:16	SW846 8270D	BES	10J4632
Fluoranthene	**1.01**		mg/kg dry	0.0132	0.0804	1	10/28/10 21:16	SW846 8270D	BES	10J4632
Fluorene	**2.78**		mg/kg dry	0.0240	0.0804	1	10/28/10 21:16	SW846 8270D	BES	10J4632
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0372	0.0804	1	10/28/10 21:16	SW846 8270D	BES	10J4632
Naphthalene	**9.59**		mg/kg dry	0.0672	0.321	4	10/29/10 13:38	SW846 8270D	BES	10J4632
Phenanthrene	**9.34**		mg/kg dry	0.0480	0.321	4	10/29/10 13:38	SW846 8270D	BES	10J4632
Pyrene	**1.07**		mg/kg dry	0.0276	0.0804	1	10/28/10 21:16	SW846 8270D	BES	10J4632
1-Methylnaphthalene	**31.3**		mg/kg dry	0.288	1.61	20	10/29/10 15:19	SW846 8270D	BES	10J4632
2-Methylnaphthalene	**49.0**		mg/kg dry	0.504	1.61	20	10/29/10 15:19	SW846 8270D	BES	10J4632
Surr: Terphenyl-d14 (18-120%)	*62 %*					*1*	*10/28/10 21:16*	*SW846 8270D*	*BES*	*10J4632*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTJ2921-07 (775 Althea - Soil) - cont. Sampled: 10/20/10 15:45										
Polyaromatic Hydrocarbons by EPA 8270D - cont.										
Surr: 2-Fluorobiphenyl (14-120%)	*63 %*					*1*	*10/28/10 21:16*	*SW846 8270D*	*BES*	*10J4632*
Surr: Nitrobenzene-d5 (17-120%)	*86 %*					*1*	*10/28/10 21:16*	*SW846 8270D*	*BES*	*10J4632*
Sample ID: NTJ2921-08 (776 Laurel Bay Blvd. - Soil) Sampled: 10/21/10 11:15										
General Chemistry Parameters										
% Dry Solids	**95.2**		%	0.500	0.500	1	10/29/10 09:22	SW-846	HLB	10J5505
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00125	0.00227	1	11/03/10 17:06	SW846 8260B	MJH/H	10J4481
Ethylbenzene	ND		mg/kg dry	0.00111	0.00227	1	11/03/10 17:06	SW846 8260B	MJH/H	10J4481
Naphthalene	ND	L	mg/kg dry	0.00193	0.00568	1	11/03/10 17:06	SW846 8260B	MJH/H	10J4481
Toluene	ND		mg/kg dry	0.00101	0.00227	1	11/03/10 17:06	SW846 8260B	MJH/H	10J4481
Xylenes, total	ND		mg/kg dry	0.00216	0.00568	1	11/03/10 17:06	SW846 8260B	MJH/H	10J4481
Surr: 1,2-Dichloroethane-d4 (67-138%)	*87 %*					*1*	*11/03/10 17:06*	*SW846 8260B*	*MJH/H*	*10J4481*
Surr: Dibromofluoromethane (75-125%)	*87 %*					*1*	*11/03/10 17:06*	*SW846 8260B*	*MJH/H*	*10J4481*
Surr: Toluene-d8 (76-129%)	*103 %*					*1*	*11/03/10 17:06*	*SW846 8260B*	*MJH/H*	*10J4481*
Surr: 4-Bromofluorobenzene (67-147%)	*112 %*					*1*	*11/03/10 17:06*	*SW846 8260B*	*MJH/H*	*10J4481*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0147	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
Acenaphthylene	ND		mg/kg dry	0.0210	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
Anthracene	ND		mg/kg dry	0.00944	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
Benzo (a) anthracene	ND		mg/kg dry	0.0115	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
Benzo (a) pyrene	ND		mg/kg dry	0.00839	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
Benzo (b) fluoranthene	ND		mg/kg dry	0.0399	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
Benzo (g,h,i) perylene	ND		mg/kg dry	0.00944	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
Benzo (k) fluoranthene	ND		mg/kg dry	0.0388	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
Chrysene	ND		mg/kg dry	0.0325	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0157	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
Fluoranthene	ND		mg/kg dry	0.0115	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
Fluorene	ND		mg/kg dry	0.0210	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0325	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
Naphthalene	ND		mg/kg dry	0.0147	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
Phenanthrene	ND		mg/kg dry	0.0105	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
Pyrene	ND		mg/kg dry	0.0241	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
1-Methylnaphthalene	**0.0402**	J	mg/kg dry	0.0126	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
2-Methylnaphthalene	**0.0643**	J	mg/kg dry	0.0220	0.0703	1	10/28/10 21:38	SW846 8270D	BES	10J4632
Surr: Terphenyl-d14 (18-120%)	*63 %*					*1*	*10/28/10 21:38*	*SW846 8270D*	*BES*	*10J4632*
Surr: 2-Fluorobiphenyl (14-120%)	*50 %*					*1*	*10/28/10 21:38*	*SW846 8270D*	*BES*	*10J4632*
Surr: Nitrobenzene-d5 (17-120%)	*43 %*					*1*	*10/28/10 21:38*	*SW846 8270D*	*BES*	*10J4632*

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTJ2921-09 (774 Althea - Soil) Sampled: 10/21/10 16:45										
General Chemistry Parameters										
% Dry Solids	**86.2**		%	0.500	0.500	1	10/29/10 09:22	SW-846	HLB	10J5505
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00113	0.00205	1	11/01/10 17:35	SW846 8260B	MJH/H	10J4689
Ethylbenzene	**0.00487**		mg/kg dry	0.00100	0.00205	1	11/01/10 17:35	SW846 8260B	MJH/H	10J4689
Naphthalene	**0.0365**		mg/kg dry	0.00174	0.00513	1	11/01/10 17:35	SW846 8260B	MJH/H	10J4689
Toluene	ND		mg/kg dry	0.000912	0.00205	1	11/01/10 17:35	SW846 8260B	MJH/H	10J4689
Xylenes, total	**0.0156**		mg/kg dry	0.00195	0.00513	1	11/01/10 17:35	SW846 8260B	MJH/H	10J4689
Surr: 1,2-Dichloroethane-d4 (67-138%)	*102 %*					*1*	*11/01/10 17:35*	*SW846 8260B*	*MJH/H*	*10J4689*
Surr: Dibromofluoromethane (75-125%)	*100 %*					*1*	*11/01/10 17:35*	*SW846 8260B*	*MJH/H*	*10J4689*
Surr: Toluene-d8 (76-129%)	*103 %*					*1*	*11/01/10 17:35*	*SW846 8260B*	*MJH/H*	*10J4689*
Surr: 4-Bromofluorobenzene (67-147%)	*114 %*					*1*	*11/01/10 17:35*	*SW846 8260B*	*MJH/H*	*10J4689*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0159	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
Acenaphthylene	ND		mg/kg dry	0.0227	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
Anthracene	ND		mg/kg dry	0.0102	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
Benzo (a) anthracene	ND		mg/kg dry	0.0125	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
Benzo (a) pyrene	ND		mg/kg dry	0.00907	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
Benzo (b) fluoranthene	ND		mg/kg dry	0.0431	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0102	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
Benzo (k) fluoranthene	ND		mg/kg dry	0.0419	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
Chrysene	ND		mg/kg dry	0.0351	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0170	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
Fluoranthene	ND		mg/kg dry	0.0125	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
Fluorene	ND		mg/kg dry	0.0227	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0351	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
Naphthalene	ND		mg/kg dry	0.0159	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
Phenanthrene	ND		mg/kg dry	0.0113	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
Pyrene	ND		mg/kg dry	0.0261	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
1-Methylnaphthalene	ND		mg/kg dry	0.0136	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
2-Methylnaphthalene	ND		mg/kg dry	0.0238	0.0759	1	10/28/10 22:00	SW846 8270D	BES	10J4632
Surr: Terphenyl-d14 (18-120%)	*59 %*					*1*	*10/28/10 22:00*	*SW846 8270D*	*BES*	*10J4632*
Surr: 2-Fluorobiphenyl (14-120%)	*49 %*					*1*	*10/28/10 22:00*	*SW846 8270D*	*BES*	*10J4632*
Surr: Nitrobenzene-d5 (17-120%)	*42 %*					*1*	*10/28/10 22:00*	*SW846 8270D*	*BES*	*10J4632*

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polyaromatic Hydrocarbons by EPA 8270D							
SW846 8270D	10J4632	NTJ2921-01	30.94	1.00	10/26/10 11:05	SAS	EPA 3550C
SW846 8270D	10J4632	NTJ2921-01RE1	30.94	1.00	10/26/10 11:05	SAS	EPA 3550C
SW846 8270D	10J4632	NTJ2921-01RE2	30.94	1.00	10/26/10 11:05	SAS	EPA 3550C
SW846 8270D	10J4632	NTJ2921-01RE3	30.94	1.00	10/26/10 11:05	SAS	EPA 3550C
SW846 8270D	10J4632	NTJ2921-02	30.35	1.00	10/26/10 11:05	SAS	EPA 3550C
SW846 8270D	10J4632	NTJ2921-03	30.38	1.00	10/26/10 11:05	SAS	EPA 3550C
SW846 8270D	10J4632	NTJ2921-04	30.35	1.00	10/26/10 11:05	SAS	EPA 3550C
SW846 8270D	10J4632	NTJ2921-04RE1	30.35	1.00	10/26/10 11:05	SAS	EPA 3550C
SW846 8270D	10J4632	NTJ2921-05	30.86	1.00	10/26/10 11:05	SAS	EPA 3550C
SW846 8270D	10J4632	NTJ2921-05RE1	30.86	1.00	10/26/10 11:05	SAS	EPA 3550C
SW846 8270D	10J4632	NTJ2921-05RE2	30.86	1.00	10/26/10 11:05	SAS	EPA 3550C
SW846 8270D	10J4632	NTJ2921-06	30.49	1.00	10/26/10 11:05	SAS	EPA 3550C
SW846 8270D	10J4632	NTJ2921-07	30.77	1.00	10/26/10 11:05	SAS	EPA 3550C
SW846 8270D	10J4632	NTJ2921-07RE1	30.77	1.00	10/26/10 11:05	SAS	EPA 3550C
SW846 8270D	10J4632	NTJ2921-07RE2	30.77	1.00	10/26/10 11:05	SAS	EPA 3550C
SW846 8270D	10J4632	NTJ2921-08	30.05	1.00	10/26/10 11:05	SAS	EPA 3550C
SW846 8270D	10J4632	NTJ2921-09	30.71	1.00	10/26/10 11:05	SAS	EPA 3550C
Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	10J4214	NTJ2921-01	5.57	5.00	10/18/10 11:30	JRL	EPA 5035
SW846 8260B	10J5890	NTJ2921-01RE1	5.57	5.00	10/18/10 11:30	JRL	EPA 5035
SW846 8260B	10J5890	NTJ2921-01RE2	5.57	5.00	10/18/10 11:30	JRL	EPA 5035
SW846 8260B	10J4214	NTJ2921-02	6.46	5.00	10/18/10 15:00	JRL	EPA 5035
SW846 8260B	10J3703	NTJ2921-02RE1	6.46	5.00	10/18/10 15:00	JRL	EPA 5035
SW846 8260B	10J4214	NTJ2921-03	6.88	5.00	10/19/10 10:30	JRL	EPA 5035
SW846 8260B	10J3703	NTJ2921-03RE1	6.88	5.00	10/19/10 10:30	JRL	EPA 5035
SW846 8260B	10J4214	NTJ2921-04	5.41	5.00	10/19/10 13:45	JRL	EPA 5035
SW846 8260B	10J5890	NTJ2921-04RE1	5.41	5.00	10/19/10 13:45	JRL	EPA 5035
SW846 8260B	10J4214	NTJ2921-05	5.81	5.00	10/19/10 16:00	JRL	EPA 5035
SW846 8260B	10J5890	NTJ2921-05RE1	5.81	5.00	10/19/10 16:00	JRL	EPA 5035
SW846 8260B	10J4689	NTJ2921-06	5.06	5.00	10/20/10 11:45	JRL	EPA 5035
SW846 8260B	10J4481	NTJ2921-06RE1	5.18	5.00	10/20/10 11:45	JRL	EPA 5035
SW846 8260B	10J4689	NTJ2921-07	5.24	5.00	10/20/10 15:45	JRL	EPA 5035
SW846 8260B	10J4481	NTJ2921-07RE1	5.49	5.00	10/20/10 15:45	JRL	EPA 5035
SW846 8260B	10K0998	NTJ2921-07RE2	5.49	5.00	10/20/10 15:45	JRL	EPA 5035
SW846 8260B	10J4689	NTJ2921-08	4.83	5.00	10/21/10 11:15	JRL	EPA 5035
SW846 8260B	10J4481	NTJ2921-08RE1	4.62	5.00	10/21/10 11:15	JRL	EPA 5035
SW846 8260B	10J4689	NTJ2921-09	5.66	5.00	10/21/10 16:45	JRL	EPA 5035

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J4214-BLK1						
Benzene	<0.00110		mg/kg wet	10J4214	10J4214-BLK1	10/28/10 05:20
Ethylbenzene	<0.000980		mg/kg wet	10J4214	10J4214-BLK1	10/28/10 05:20
Naphthalene	<0.00170		mg/kg wet	10J4214	10J4214-BLK1	10/28/10 05:20
Toluene	<0.000890		mg/kg wet	10J4214	10J4214-BLK1	10/28/10 05:20
Xylenes, total	<0.00190		mg/kg wet	10J4214	10J4214-BLK1	10/28/10 05:20
Surrogate: 1,2-Dichloroethane-d4	98%			10J4214	10J4214-BLK1	10/28/10 05:20
Surrogate: Dibromofluoromethane	102%			10J4214	10J4214-BLK1	10/28/10 05:20
Surrogate: Toluene-d8	98%			10J4214	10J4214-BLK1	10/28/10 05:20
Surrogate: 4-Bromofluorobenzene	104%			10J4214	10J4214-BLK1	10/28/10 05:20
10J4481-BLK1						
Benzene	<0.00110		mg/kg wet	10J4481	10J4481-BLK1	11/03/10 15:38
Ethylbenzene	<0.000980		mg/kg wet	10J4481	10J4481-BLK1	11/03/10 15:38
Naphthalene	<0.00170		mg/kg wet	10J4481	10J4481-BLK1	11/03/10 15:38
Toluene	<0.000890		mg/kg wet	10J4481	10J4481-BLK1	11/03/10 15:38
Xylenes, total	0.00192	J	mg/kg wet	10J4481	10J4481-BLK1	11/03/10 15:38
Surrogate: 1,2-Dichloroethane-d4	106%			10J4481	10J4481-BLK1	11/03/10 15:38
Surrogate: Dibromofluoromethane	101%			10J4481	10J4481-BLK1	11/03/10 15:38
Surrogate: Toluene-d8	109%			10J4481	10J4481-BLK1	11/03/10 15:38
Surrogate: 4-Bromofluorobenzene	106%			10J4481	10J4481-BLK1	11/03/10 15:38
10J4689-BLK1						
Benzene	<0.00110		mg/kg wet	10J4689	10J4689-BLK1	11/01/10 13:01
Ethylbenzene	<0.000980		mg/kg wet	10J4689	10J4689-BLK1	11/01/10 13:01
Naphthalene	<0.00170		mg/kg wet	10J4689	10J4689-BLK1	11/01/10 13:01
Toluene	<0.000890		mg/kg wet	10J4689	10J4689-BLK1	11/01/10 13:01
Xylenes, total	<0.00190		mg/kg wet	10J4689	10J4689-BLK1	11/01/10 13:01
Surrogate: 1,2-Dichloroethane-d4	96%			10J4689	10J4689-BLK1	11/01/10 13:01
Surrogate: Dibromofluoromethane	102%			10J4689	10J4689-BLK1	11/01/10 13:01
Surrogate: Toluene-d8	99%			10J4689	10J4689-BLK1	11/01/10 13:01
Surrogate: 4-Bromofluorobenzene	103%			10J4689	10J4689-BLK1	11/01/10 13:01
10J5890-BLK1						
Benzene	<0.00110		mg/kg wet	10J5890	10J5890-BLK1	10/28/10 15:28
Ethylbenzene	<0.000980		mg/kg wet	10J5890	10J5890-BLK1	10/28/10 15:28
Naphthalene	<0.00170		mg/kg wet	10J5890	10J5890-BLK1	10/28/10 15:28
Toluene	<0.000890		mg/kg wet	10J5890	10J5890-BLK1	10/28/10 15:28
Xylenes, total	<0.00190		mg/kg wet	10J5890	10J5890-BLK1	10/28/10 15:28
Surrogate: 1,2-Dichloroethane-d4	96%			10J5890	10J5890-BLK1	10/28/10 15:28
Surrogate: Dibromofluoromethane	95%			10J5890	10J5890-BLK1	10/28/10 15:28
Surrogate: Toluene-d8	102%			10J5890	10J5890-BLK1	10/28/10 15:28
Surrogate: 4-Bromofluorobenzene	105%			10J5890	10J5890-BLK1	10/28/10 15:28

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
10J5890-BLK2						
Benzene	<0.0550		mg/kg wet	10J5890	10J5890-BLK2	10/28/10 15:59
Ethylbenzene	<0.0490		mg/kg wet	10J5890	10J5890-BLK2	10/28/10 15:59
Naphthalene	<0.0850		mg/kg wet	10J5890	10J5890-BLK2	10/28/10 15:59
Toluene	<0.0445		mg/kg wet	10J5890	10J5890-BLK2	10/28/10 15:59
Xylenes, total	<0.0950		mg/kg wet	10J5890	10J5890-BLK2	10/28/10 15:59
Surrogate: 1,2-Dichloroethane-d4	99%			10J5890	10J5890-BLK2	10/28/10 15:59
Surrogate: Dibromofluoromethane	96%			10J5890	10J5890-BLK2	10/28/10 15:59
Surrogate: Toluene-d8	100%			10J5890	10J5890-BLK2	10/28/10 15:59
Surrogate: 4-Bromofluorobenzene	100%			10J5890	10J5890-BLK2	10/28/10 15:59
10K0998-BLK1						
Benzene	<0.00110		mg/kg wet	10K0998	10K0998-BLK1	11/03/10 18:35
Ethylbenzene	<0.000980		mg/kg wet	10K0998	10K0998-BLK1	11/03/10 18:35
Naphthalene	<0.00170		mg/kg wet	10K0998	10K0998-BLK1	11/03/10 18:35
Toluene	<0.000890		mg/kg wet	10K0998	10K0998-BLK1	11/03/10 18:35
Xylenes, total	<0.00190		mg/kg wet	10K0998	10K0998-BLK1	11/03/10 18:35
Surrogate: 1,2-Dichloroethane-d4	92%			10K0998	10K0998-BLK1	11/03/10 18:35
Surrogate: Dibromofluoromethane	94%			10K0998	10K0998-BLK1	11/03/10 18:35
Surrogate: Toluene-d8	102%			10K0998	10K0998-BLK1	11/03/10 18:35
Surrogate: 4-Bromofluorobenzene	108%			10K0998	10K0998-BLK1	11/03/10 18:35
10K0998-BLK2						
Benzene	<0.0550		mg/kg wet	10K0998	10K0998-BLK2	11/03/10 19:06
Ethylbenzene	<0.0490		mg/kg wet	10K0998	10K0998-BLK2	11/03/10 19:06
Naphthalene	<0.0850		mg/kg wet	10K0998	10K0998-BLK2	11/03/10 19:06
Toluene	<0.0445		mg/kg wet	10K0998	10K0998-BLK2	11/03/10 19:06
Xylenes, total	<0.0950		mg/kg wet	10K0998	10K0998-BLK2	11/03/10 19:06
Surrogate: 1,2-Dichloroethane-d4	86%			10K0998	10K0998-BLK2	11/03/10 19:06
Surrogate: Dibromofluoromethane	91%			10K0998	10K0998-BLK2	11/03/10 19:06
Surrogate: Toluene-d8	101%			10K0998	10K0998-BLK2	11/03/10 19:06
Surrogate: 4-Bromofluorobenzene	105%			10K0998	10K0998-BLK2	11/03/10 19:06
Polyaromatic Hydrocarbons by EPA 8270D						
10J4632-BLK1						
Acenaphthene	<0.0140		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46
Acenaphthylene	<0.0200		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46
Anthracene	<0.00900		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46
Benzo (a) anthracene	<0.0110		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46
Benzo (a) pyrene	<0.00800		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46
Benzo (b) fluoranthene	<0.0380		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46
Benzo (g,h,i) perylene	<0.00900		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D						
10J4632-BLK1						
Benzo (k) fluoranthene	<0.0370		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46
Chrysene	<0.0310		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46
Dibenz (a,h) anthracene	<0.0150		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46
Fluoranthene	<0.0110		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46
Fluorene	<0.0200		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46
Indeno (1,2,3-cd) pyrene	<0.0310		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46
Naphthalene	<0.0140		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46
Phenanthrene	<0.0100		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46
Pyrene	<0.0230		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46
1-Methylnaphthalene	<0.0120		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46
2-Methylnaphthalene	<0.0210		mg/kg wet	10J4632	10J4632-BLK1	10/28/10 15:46
Surrogate: Terphenyl-d14	74%			10J4632	10J4632-BLK1	10/28/10 15:46
Surrogate: 2-Fluorobiphenyl	70%			10J4632	10J4632-BLK1	10/28/10 15:46
Surrogate: Nitrobenzene-d5	63%			10J4632	10J4632-BLK1	10/28/10 15:46

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
10J5505-DUP1										
% Dry Solids	83.7	84.0		%	0.3	20	10J5505	NTJ2921-01		10/29/10 09:22

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10J4214-BS1								
Benzene	50.0	46.0		ug/kg	92%	78 - 126	10J4214	10/28/10 04:21
Ethylbenzene	50.0	47.7		ug/kg	95%	79 - 130	10J4214	10/28/10 04:21
Naphthalene	50.0	39.6		ug/kg	79%	72 - 150	10J4214	10/28/10 04:21
Toluene	50.0	47.4		ug/kg	95%	76 - 126	10J4214	10/28/10 04:21
Xylenes, total	150	142		ug/kg	94%	80 - 130	10J4214	10/28/10 04:21
Surrogate: 1,2-Dichloroethane-d4	50.0	47.7			95%	67 - 138	10J4214	10/28/10 04:21
Surrogate: Dibromofluoromethane	50.0	50.4			101%	75 - 125	10J4214	10/28/10 04:21
Surrogate: Toluene-d8	50.0	50.2			100%	76 - 129	10J4214	10/28/10 04:21
Surrogate: 4-Bromofluorobenzene	50.0	50.6			101%	67 - 147	10J4214	10/28/10 04:21
10J4481-BS1								
Benzene	50.0	53.0		ug/kg	106%	78 - 126	10J4481	11/03/10 12:47
Ethylbenzene	50.0	54.5		ug/kg	109%	79 - 130	10J4481	11/03/10 12:47
Naphthalene	50.0	122	L	ug/kg	244%	72 - 150	10J4481	11/03/10 12:47
Toluene	50.0	54.4		ug/kg	109%	76 - 126	10J4481	11/03/10 12:47
Xylenes, total	150	169	B	ug/kg	112%	80 - 130	10J4481	11/03/10 12:47
Surrogate: 1,2-Dichloroethane-d4	50.0	51.0			102%	67 - 138	10J4481	11/03/10 12:47
Surrogate: Dibromofluoromethane	50.0	50.5			101%	75 - 125	10J4481	11/03/10 12:47
Surrogate: Toluene-d8	50.0	51.8			104%	76 - 129	10J4481	11/03/10 12:47
Surrogate: 4-Bromofluorobenzene	50.0	51.8			104%	67 - 147	10J4481	11/03/10 12:47
10J4689-BS1								
Benzene	50.0	48.0		ug/kg	96%	78 - 126	10J4689	11/01/10 10:06
Ethylbenzene	50.0	53.1		ug/kg	106%	79 - 130	10J4689	11/01/10 10:06
Naphthalene	50.0	48.3		ug/kg	97%	72 - 150	10J4689	11/01/10 10:06
Toluene	50.0	50.0		ug/kg	100%	76 - 126	10J4689	11/01/10 10:06
Xylenes, total	150	160		ug/kg	106%	80 - 130	10J4689	11/01/10 10:06
Surrogate: 1,2-Dichloroethane-d4	50.0	48.7			97%	67 - 138	10J4689	11/01/10 10:06
Surrogate: Dibromofluoromethane	50.0	53.1			106%	75 - 125	10J4689	11/01/10 10:06
Surrogate: Toluene-d8	50.0	50.4			101%	76 - 129	10J4689	11/01/10 10:06
Surrogate: 4-Bromofluorobenzene	50.0	52.5			105%	67 - 147	10J4689	11/01/10 10:06
10J5890-BS1								
Benzene	50.0	48.9		ug/kg	98%	78 - 126	10J5890	10/28/10 13:58
Ethylbenzene	50.0	50.2		ug/kg	100%	79 - 130	10J5890	10/28/10 13:58
Naphthalene	50.0	47.8		ug/kg	96%	72 - 150	10J5890	10/28/10 13:58
Toluene	50.0	47.8		ug/kg	96%	76 - 126	10J5890	10/28/10 13:58
Xylenes, total	150	146		ug/kg	97%	80 - 130	10J5890	10/28/10 13:58
Surrogate: 1,2-Dichloroethane-d4	50.0	52.4			105%	67 - 138	10J5890	10/28/10 13:58
Surrogate: Dibromofluoromethane	50.0	54.7			109%	75 - 125	10J5890	10/28/10 13:58
Surrogate: Toluene-d8	50.0	51.1			102%	76 - 129	10J5890	10/28/10 13:58
Surrogate: 4-Bromofluorobenzene	50.0	54.2			108%	67 - 147	10J5890	10/28/10 13:58

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10K0998-BS1								
Benzene	50.0	47.4		ug/kg	95%	78 - 126	10K0998	11/03/10 17:03
Ethylbenzene	50.0	56.5		ug/kg	113%	79 - 130	10K0998	11/03/10 17:03
Naphthalene	50.0	56.3		ug/kg	113%	72 - 150	10K0998	11/03/10 17:03
Toluene	50.0	51.4		ug/kg	103%	76 - 126	10K0998	11/03/10 17:03
Xylenes, total	150	164		ug/kg	109%	80 - 130	10K0998	11/03/10 17:03
Surrogate: 1,2-Dichloroethane-d4	50.0	45.2			90%	67 - 138	10K0998	11/03/10 17:03
Surrogate: Dibromofluoromethane	50.0	47.5			95%	75 - 125	10K0998	11/03/10 17:03
Surrogate: Toluene-d8	50.0	49.5			99%	76 - 129	10K0998	11/03/10 17:03
Surrogate: 4-Bromofluorobenzene	50.0	53.6			107%	67 - 147	10K0998	11/03/10 17:03
Polyaromatic Hydrocarbons by EPA 8270D								
10J4632-BS1								
Acenaphthene	1.67	1.14		mg/kg wet	68%	49 - 120	10J4632	10/28/10 16:08
Acenaphthylene	1.67	1.15		mg/kg wet	69%	52 - 120	10J4632	10/28/10 16:08
Anthracene	1.67	1.23		mg/kg wet	74%	58 - 120	10J4632	10/28/10 16:08
Benzo (a) anthracene	1.67	1.13		mg/kg wet	68%	57 - 120	10J4632	10/28/10 16:08
Benzo (a) pyrene	1.67	1.25		mg/kg wet	75%	55 - 120	10J4632	10/28/10 16:08
Benzo (b) fluoranthene	1.67	1.21		mg/kg wet	72%	51 - 123	10J4632	10/28/10 16:08
Benzo (g,h,i) perylene	1.67	1.16		mg/kg wet	70%	49 - 121	10J4632	10/28/10 16:08
Benzo (k) fluoranthene	1.67	1.16		mg/kg wet	69%	42 - 129	10J4632	10/28/10 16:08
Chrysene	1.67	1.10		mg/kg wet	66%	55 - 120	10J4632	10/28/10 16:08
Dibenz (a,h) anthracene	1.67	1.17		mg/kg wet	70%	50 - 123	10J4632	10/28/10 16:08
Fluoranthene	1.67	1.14		mg/kg wet	68%	58 - 120	10J4632	10/28/10 16:08
Fluorene	1.67	1.13		mg/kg wet	68%	54 - 120	10J4632	10/28/10 16:08
Indeno (1,2,3-cd) pyrene	1.67	1.20		mg/kg wet	72%	50 - 122	10J4632	10/28/10 16:08
Naphthalene	1.67	0.943		mg/kg wet	57%	28 - 120	10J4632	10/28/10 16:08
Phenanthrene	1.67	1.16		mg/kg wet	70%	56 - 120	10J4632	10/28/10 16:08
Pyrene	1.67	1.19		mg/kg wet	71%	56 - 120	10J4632	10/28/10 16:08
1-Methylnaphthalene	1.67	0.909		mg/kg wet	55%	36 - 120	10J4632	10/28/10 16:08
2-Methylnaphthalene	1.67	0.980		mg/kg wet	59%	36 - 120	10J4632	10/28/10 16:08
Surrogate: Terphenyl-d14	1.67	1.02			61%	18 - 120	10J4632	10/28/10 16:08
Surrogate: 2-Fluorobiphenyl	1.67	0.964			58%	14 - 120	10J4632	10/28/10 16:08
Surrogate: Nitrobenzene-d5	1.67	0.886			53%	17 - 120	10J4632	10/28/10 16:08

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

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
Volatile Organic Compounds by EPA Method 8260B												
10J4481-BSD1												
Benzene		50.3		ug/kg	50.0	101%	78 - 126	5	50	10J4481		11/03/10 13:52
Ethylbenzene		54.1		ug/kg	50.0	108%	79 - 130	0.8	50	10J4481		11/03/10 13:52
Naphthalene		114	L	ug/kg	50.0	229%	72 - 150	6	50	10J4481		11/03/10 13:52
Toluene		52.9		ug/kg	50.0	106%	76 - 126	3	50	10J4481		11/03/10 13:52
Xylenes, total		170	B	ug/kg	150	113%	80 - 130	0.6	50	10J4481		11/03/10 13:52
Surrogate: 1,2-Dichloroethane-d4		48.2		ug/kg	50.0	96%	67 - 138			10J4481		11/03/10 13:52
Surrogate: Dibromofluoromethane		48.6		ug/kg	50.0	97%	75 - 125			10J4481		11/03/10 13:52
Surrogate: Toluene-d8		51.6		ug/kg	50.0	103%	76 - 129			10J4481		11/03/10 13:52
Surrogate: 4-Bromofluorobenzene		52.1		ug/kg	50.0	104%	67 - 147			10J4481		11/03/10 13:52
10J4689-BSD1												
Benzene		51.0		ug/kg	50.0	102%	78 - 126	6	50	10J4689		11/01/10 10:35
Ethylbenzene		53.3		ug/kg	50.0	107%	79 - 130	0.4	50	10J4689		11/01/10 10:35
Naphthalene		47.8		ug/kg	50.0	96%	72 - 150	1	50	10J4689		11/01/10 10:35
Toluene		50.2		ug/kg	50.0	100%	76 - 126	0.5	50	10J4689		11/01/10 10:35
Xylenes, total		158		ug/kg	150	105%	80 - 130	1	50	10J4689		11/01/10 10:35
Surrogate: 1,2-Dichloroethane-d4		51.1		ug/kg	50.0	102%	67 - 138			10J4689		11/01/10 10:35
Surrogate: Dibromofluoromethane		55.8		ug/kg	50.0	112%	75 - 125			10J4689		11/01/10 10:35
Surrogate: Toluene-d8		50.0		ug/kg	50.0	100%	76 - 129			10J4689		11/01/10 10:35
Surrogate: 4-Bromofluorobenzene		51.8		ug/kg	50.0	104%	67 - 147			10J4689		11/01/10 10:35
10K0998-BSD1												
Benzene		47.6		ug/kg	50.0	95%	78 - 126	0.4	50	10K0998		11/03/10 17:34
Ethylbenzene		55.9		ug/kg	50.0	112%	79 - 130	1	50	10K0998		11/03/10 17:34
Naphthalene		55.0		ug/kg	50.0	110%	72 - 150	2	50	10K0998		11/03/10 17:34
Toluene		50.9		ug/kg	50.0	102%	76 - 126	1	50	10K0998		11/03/10 17:34
Xylenes, total		162		ug/kg	150	108%	80 - 130	1	50	10K0998		11/03/10 17:34
Surrogate: 1,2-Dichloroethane-d4		45.5		ug/kg	50.0	91%	67 - 138			10K0998		11/03/10 17:34
Surrogate: Dibromofluoromethane		48.2		ug/kg	50.0	96%	75 - 125			10K0998		11/03/10 17:34
Surrogate: Toluene-d8		49.3		ug/kg	50.0	99%	76 - 129			10K0998		11/03/10 17:34
Surrogate: 4-Bromofluorobenzene		53.6		ug/kg	50.0	107%	67 - 147			10K0998		11/03/10 17:34

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
10J3703-MS1										
Benzene	ND	48.5		mg/kg wet	50.0	97%	42 - 141	10J3703	NTJ2470-07RE3	10/29/10 19:48
Ethylbenzene	9.50	64.1		mg/kg wet	50.0	109%	21 - 165	10J3703	NTJ2470-07RE3	10/29/10 19:48
Naphthalene	25.3	52.2		mg/kg wet	50.0	54%	10 - 160	10J3703	NTJ2470-07RE3	10/29/10 19:48
Toluene	1.67	71.5		mg/kg wet	50.0	140%	45 - 145	10J3703	NTJ2470-07RE3	10/29/10 19:48
Xylenes, total	66.8	211		mg/kg wet	150	96%	31 - 159	10J3703	NTJ2470-07RE3	10/29/10 19:48
Surrogate: 1,2-Dichloroethane-d4		48.9		ug/kg	50.0	98%	67 - 138	10J3703	NTJ2470-07RE3	10/29/10 19:48
Surrogate: Dibromofluoromethane		54.8		ug/kg	50.0	110%	75 - 125	10J3703	NTJ2470-07RE3	10/29/10 19:48
Surrogate: Toluene-d8		51.4		ug/kg	50.0	103%	76 - 129	10J3703	NTJ2470-07RE3	10/29/10 19:48
Surrogate: 4-Bromofluorobenzene		52.6		ug/kg	50.0	105%	67 - 147	10J3703	NTJ2470-07RE3	10/29/10 19:48
10J4214-MS1										
Benzene	0.00229	0.0562		mg/kg dry	0.0615	88%	42 - 141	10J4214	NTJ2676-03	10/29/10 18:49
Ethylbenzene	0.00148	0.0628		mg/kg dry	0.0615	100%	21 - 165	10J4214	NTJ2676-03	10/29/10 18:49
Naphthalene	0.00639	0.0284		mg/kg dry	0.0615	36%	10 - 160	10J4214	NTJ2676-03	10/29/10 18:49
Toluene	0.00319	0.0634		mg/kg dry	0.0615	98%	45 - 145	10J4214	NTJ2676-03	10/29/10 18:49
Xylenes, total	0.00373	0.183		mg/kg dry	0.185	97%	31 - 159	10J4214	NTJ2676-03	10/29/10 18:49
Surrogate: 1,2-Dichloroethane-d4		50.1		ug/kg	50.0	100%	67 - 138	10J4214	NTJ2676-03	10/29/10 18:49
Surrogate: Dibromofluoromethane		55.1		ug/kg	50.0	110%	75 - 125	10J4214	NTJ2676-03	10/29/10 18:49
Surrogate: Toluene-d8		54.4		ug/kg	50.0	109%	76 - 129	10J4214	NTJ2676-03	10/29/10 18:49
Surrogate: 4-Bromofluorobenzene		63.8		ug/kg	50.0	128%	67 - 147	10J4214	NTJ2676-03	10/29/10 18:49
10J4481-MS1										
Benzene	ND	67.8		ug/kg	50.0	136%	42 - 141	10J4481	NTJ2921-07RE1	11/03/10 20:40
Ethylbenzene	3950	158	M2	ug/kg	50.0	-7580%	21 - 165	10J4481	NTJ2921-07RE1	11/03/10 20:40
Naphthalene	40600	931	M2	ug/kg	50.0	-79300%	10 - 160	10J4481	NTJ2921-07RE1	11/03/10 20:40
Toluene	23.5	66.6		ug/kg	50.0	86%	45 - 145	10J4481	NTJ2921-07RE1	11/03/10 20:40
Xylenes, total	2540	270	M2, B	ug/kg	150	-1510%	31 - 159	10J4481	NTJ2921-07RE1	11/03/10 20:40
Surrogate: 1,2-Dichloroethane-d4		44.2		ug/kg	50.0	88%	67 - 138	10J4481	NTJ2921-07RE1	11/03/10 20:40
Surrogate: Dibromofluoromethane		47.0		ug/kg	50.0	94%	75 - 125	10J4481	NTJ2921-07RE1	11/03/10 20:40

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

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
Volatile Organic Compounds by EPA Method 8260B										
10J4481-MS1										
Surrogate: Toluene-d8		57.4		ug/kg	50.0	115%	76 - 129	10J4481	NTJ2921-07RE1	11/03/10 20:40
Surrogate: 4-Bromofluorobenzene		64.2		ug/kg	50.0	128%	67 - 147	10J4481	NTJ2921-07RE1	11/03/10 20:40
10J5890-MS1										
Benzene	ND	49.8		mg/kg wet	51.3	97%	42 - 141	10J5890	NTJ2470-07RE2	10/29/10 19:48
Ethylbenzene	7.80	65.8		mg/kg wet	51.3	113%	21 - 165	10J5890	NTJ2470-07RE2	10/29/10 19:48
Naphthalene	20.5	53.6		mg/kg wet	51.3	65%	10 - 160	10J5890	NTJ2470-07RE2	10/29/10 19:48
Toluene	1.43	73.4		mg/kg wet	51.3	140%	45 - 145	10J5890	NTJ2470-07RE2	10/29/10 19:48
Xylenes, total	53.9	217		mg/kg wet	154	106%	31 - 159	10J5890	NTJ2470-07RE2	10/29/10 19:48
Surrogate: 1,2-Dichloroethane-d4		48.9		ug/kg	50.0	98%	67 - 138	10J5890	NTJ2470-07RE2	10/29/10 19:48
Surrogate: Dibromofluoromethane		54.8		ug/kg	50.0	110%	75 - 125	10J5890	NTJ2470-07RE2	10/29/10 19:48
Surrogate: Toluene-d8		51.4		ug/kg	50.0	103%	76 - 129	10J5890	NTJ2470-07RE2	10/29/10 19:48
Surrogate: 4-Bromofluorobenzene		52.6		ug/kg	50.0	105%	67 - 147	10J5890	NTJ2470-07RE2	10/29/10 19:48
10K0998-MS1										
Benzene	ND	53.3		mg/kg dry	56.0	95%	42 - 141	10K0998	NTJ2921-07RE2	11/04/10 02:55
Ethylbenzene	5.05	66.1		mg/kg dry	56.0	109%	21 - 165	10K0998	NTJ2921-07RE2	11/04/10 02:55
Naphthalene	28.1	80.6		mg/kg dry	56.0	94%	10 - 160	10K0998	NTJ2921-07RE2	11/04/10 02:55
Toluene	ND	57.8		mg/kg dry	56.0	103%	45 - 145	10K0998	NTJ2921-07RE2	11/04/10 02:55
Xylenes, total	4.31	183		mg/kg dry	168	106%	31 - 159	10K0998	NTJ2921-07RE2	11/04/10 02:55
Surrogate: 1,2-Dichloroethane-d4		43.2		ug/kg	50.0	86%	67 - 138	10K0998	NTJ2921-07RE2	11/04/10 02:55
Surrogate: Dibromofluoromethane		47.2		ug/kg	50.0	94%	75 - 125	10K0998	NTJ2921-07RE2	11/04/10 02:55
Surrogate: Toluene-d8		50.4		ug/kg	50.0	101%	76 - 129	10K0998	NTJ2921-07RE2	11/04/10 02:55
Surrogate: 4-Bromofluorobenzene		54.5		ug/kg	50.0	109%	67 - 147	10K0998	NTJ2921-07RE2	11/04/10 02:55
Polyaromatic Hydrocarbons by EPA 8270D										
10J4632-MS1										
Acenaphthene	ND	0.824		mg/kg wet	1.66	50%	42 - 120	10J4632	NTJ2810-01	10/28/10 16:30

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

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										
10J4632-MS1										
Acenaphthylene	ND	0.883		mg/kg wet	1.66	53%	32 - 120	10J4632	NTJ2810-01	10/28/10 16:30
Anthracene	ND	0.968		mg/kg wet	1.66	58%	10 - 200	10J4632	NTJ2810-01	10/28/10 16:30
Benzo (a) anthracene	ND	0.914		mg/kg wet	1.66	55%	41 - 120	10J4632	NTJ2810-01	10/28/10 16:30
Benzo (a) pyrene	ND	0.965		mg/kg wet	1.66	58%	33 - 121	10J4632	NTJ2810-01	10/28/10 16:30
Benzo (b) fluoranthene	ND	0.958		mg/kg wet	1.66	58%	26 - 137	10J4632	NTJ2810-01	10/28/10 16:30
Benzo (g,h,i) perylene	ND	0.865		mg/kg wet	1.66	52%	21 - 124	10J4632	NTJ2810-01	10/28/10 16:30
Benzo (k) fluoranthene	ND	0.877		mg/kg wet	1.66	53%	14 - 140	10J4632	NTJ2810-01	10/28/10 16:30
Chrysene	ND	0.862		mg/kg wet	1.66	52%	28 - 123	10J4632	NTJ2810-01	10/28/10 16:30
Dibenz (a,h) anthracene	ND	0.886		mg/kg wet	1.66	53%	25 - 127	10J4632	NTJ2810-01	10/28/10 16:30
Fluoranthene	ND	0.915		mg/kg wet	1.66	55%	38 - 120	10J4632	NTJ2810-01	10/28/10 16:30
Fluorene	ND	0.878		mg/kg wet	1.66	53%	41 - 120	10J4632	NTJ2810-01	10/28/10 16:30
Indeno (1,2,3-cd) pyrene	ND	0.889		mg/kg wet	1.66	53%	25 - 123	10J4632	NTJ2810-01	10/28/10 16:30
Naphthalene	ND	0.692		mg/kg wet	1.66	42%	25 - 120	10J4632	NTJ2810-01	10/28/10 16:30
Phenanthrene	ND	0.923		mg/kg wet	1.66	56%	37 - 120	10J4632	NTJ2810-01	10/28/10 16:30
Pyrene	ND	0.939		mg/kg wet	1.66	56%	29 - 125	10J4632	NTJ2810-01	10/28/10 16:30
1-Methylnaphthalene	ND	0.695		mg/kg wet	1.66	42%	19 - 120	10J4632	NTJ2810-01	10/28/10 16:30
2-Methylnaphthalene	ND	0.747		mg/kg wet	1.66	45%	11 - 120	10J4632	NTJ2810-01	10/28/10 16:30
Surrogate: Terphenyl-d14		0.895		mg/kg wet	1.66	54%	18 - 120	10J4632	NTJ2810-01	10/28/10 16:30
Surrogate: 2-Fluorobiphenyl		0.796		mg/kg wet	1.66	48%	14 - 120	10J4632	NTJ2810-01	10/28/10 16:30
Surrogate: Nitrobenzene-d5		0.678		mg/kg wet	1.66	41%	17 - 120	10J4632	NTJ2810-01	10/28/10 16:30

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

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
Volatile Organic Compounds by EPA Method 8260B												
10J3703-MSD1												
Benzene	ND	55.8		mg/kg wet	50.0	112%	42 - 141	14	50	10J3703	NTJ2470-07RE3	10/29/10 20:17
Ethylbenzene	9.50	72.5		mg/kg wet	50.0	126%	21 - 165	12	50	10J3703	NTJ2470-07RE3	10/29/10 20:17
Naphthalene	25.3	63.4		mg/kg wet	50.0	76%	10 - 160	19	50	10J3703	NTJ2470-07RE3	10/29/10 20:17
Toluene	1.67	82.8	M1	mg/kg wet	50.0	162%	45 - 145	15	50	10J3703	NTJ2470-07RE3	10/29/10 20:17
Xylenes, total	66.8	246		mg/kg wet	150	120%	31 - 159	15	50	10J3703	NTJ2470-07RE3	10/29/10 20:17
Surrogate: 1,2-Dichloroethane-d4		48.2		ug/kg	50.0	96%	67 - 138			10J3703	NTJ2470-07RE3	10/29/10 20:17
Surrogate: Dibromofluoromethane		53.1		ug/kg	50.0	106%	75 - 125			10J3703	NTJ2470-07RE3	10/29/10 20:17
Surrogate: Toluene-d8		49.0		ug/kg	50.0	98%	76 - 129			10J3703	NTJ2470-07RE3	10/29/10 20:17
Surrogate: 4-Bromofluorobenzene		52.0		ug/kg	50.0	104%	67 - 147			10J3703	NTJ2470-07RE3	10/29/10 20:17
10J4214-MSD1												
Benzene	0.00229	0.0274	M8, R2	mg/kg dry	0.0643	39%	42 - 141	69	50	10J4214	NTJ2676-03	10/29/10 19:18
Ethylbenzene	0.00148	0.0214	R2	mg/kg dry	0.0643	31%	21 - 165	98	50	10J4214	NTJ2676-03	10/29/10 19:18
Naphthalene	0.00639	0.0152	R2	mg/kg dry	0.0643	14%	10 - 160	61	50	10J4214	NTJ2676-03	10/29/10 19:18
Toluene	0.00319	0.0245	M8, R2	mg/kg dry	0.0643	33%	45 - 145	89	50	10J4214	NTJ2676-03	10/29/10 19:18
Xylenes, total	0.00373	0.0565	M8, R2	mg/kg dry	0.193	27%	31 - 159	106	50	10J4214	NTJ2676-03	10/29/10 19:18
Surrogate: 1,2-Dichloroethane-d4		52.2		ug/kg	50.0	104%	67 - 138			10J4214	NTJ2676-03	10/29/10 19:18
Surrogate: Dibromofluoromethane		55.4		ug/kg	50.0	111%	75 - 125			10J4214	NTJ2676-03	10/29/10 19:18
Surrogate: Toluene-d8		51.8		ug/kg	50.0	104%	76 - 129			10J4214	NTJ2676-03	10/29/10 19:18
Surrogate: 4-Bromofluorobenzene		59.2		ug/kg	50.0	118%	67 - 147			10J4214	NTJ2676-03	10/29/10 19:18
10J4481-MSD1												
Benzene	ND	61.0		ug/kg	50.0	122%	42 - 141	10	50	10J4481	NTJ2921-07RE1	11/03/10 21:09
Ethylbenzene	3950	137	M2	ug/kg	50.0	-7620%	21 - 165	14	50	10J4481	NTJ2921-07RE1	11/03/10 21:09
Naphthalene	40600	797	M2	ug/kg	50.0	-79500%	10 - 160	15	50	10J4481	NTJ2921-07RE1	11/03/10 21:09
Toluene	23.5	59.6		ug/kg	50.0	72%	45 - 145	11	50	10J4481	NTJ2921-07RE1	11/03/10 21:09
Xylenes, total	2540	238	M2, B	ug/kg	150	-1540%	31 - 159	12	50	10J4481	NTJ2921-07RE1	11/03/10 21:09
Surrogate: 1,2-Dichloroethane-d4		45.0		ug/kg	50.0	90%	67 - 138			10J4481	NTJ2921-07RE1	11/03/10 21:09
Surrogate: Dibromofluoromethane		48.9		ug/kg	50.0	98%	75 - 125			10J4481	NTJ2921-07RE1	11/03/10 21:09
Surrogate: Toluene-d8		57.2		ug/kg	50.0	114%	76 - 129			10J4481	NTJ2921-07RE1	11/03/10 21:09
Surrogate: 4-Bromofluorobenzene		65.4		ug/kg	50.0	131%	67 - 147			10J4481	NTJ2921-07RE1	11/03/10 21:09

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

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
Volatile Organic Compounds by EPA Method 8260B												
10J5890-MSD1												
Benzene	ND	57.3		mg/kg wet	51.3	112%	42 - 141	14	50	10J5890	NTJ2470-07RE2	10/29/10 20:17
Ethylbenzene	7.80	74.4		mg/kg wet	51.3	130%	21 - 165	12	50	10J5890	NTJ2470-07RE2	10/29/10 20:17
Naphthalene	20.5	65.1		mg/kg wet	51.3	87%	10 - 160	19	50	10J5890	NTJ2470-07RE2	10/29/10 20:17
Toluene	1.43	85.0	M7	mg/kg wet	51.3	163%	45 - 145	15	50	10J5890	NTJ2470-07RE2	10/29/10 20:17
Xylenes, total	53.9	253		mg/kg wet	154	129%	31 - 159	15	50	10J5890	NTJ2470-07RE2	10/29/10 20:17
Surrogate: 1,2-Dichloroethane-d4		48.2		ug/kg	50.0	96%	67 - 138			10J5890	NTJ2470-07RE2	10/29/10 20:17
Surrogate: Dibromofluoromethane		53.1		ug/kg	50.0	106%	75 - 125			10J5890	NTJ2470-07RE2	10/29/10 20:17
Surrogate: Toluene-d8		49.0		ug/kg	50.0	98%	76 - 129			10J5890	NTJ2470-07RE2	10/29/10 20:17
Surrogate: 4-Bromofluorobenzene		52.0		ug/kg	50.0	104%	67 - 147			10J5890	NTJ2470-07RE2	10/29/10 20:17
10K0998-MSD1												
Benzene	ND	48.3		mg/kg dry	56.0	86%	42 - 141	10	50	10K0998	NTJ2921-07RE2	11/04/10 03:26
Ethylbenzene	5.05	60.5		mg/kg dry	56.0	99%	21 - 165	9	50	10K0998	NTJ2921-07RE2	11/04/10 03:26
Naphthalene	28.1	73.3		mg/kg dry	56.0	81%	10 - 160	9	50	10K0998	NTJ2921-07RE2	11/04/10 03:26
Toluene	ND	52.9		mg/kg dry	56.0	94%	45 - 145	9	50	10K0998	NTJ2921-07RE2	11/04/10 03:26
Xylenes, total	4.31	167		mg/kg dry	168	97%	31 - 159	9	50	10K0998	NTJ2921-07RE2	11/04/10 03:26
Surrogate: 1,2-Dichloroethane-d4		41.9		ug/kg	50.0	84%	67 - 138			10K0998	NTJ2921-07RE2	11/04/10 03:26
Surrogate: Dibromofluoromethane		46.5		ug/kg	50.0	93%	75 - 125			10K0998	NTJ2921-07RE2	11/04/10 03:26
Surrogate: Toluene-d8		50.0		ug/kg	50.0	100%	76 - 129			10K0998	NTJ2921-07RE2	11/04/10 03:26
Surrogate: 4-Bromofluorobenzene		53.9		ug/kg	50.0	108%	67 - 147			10K0998	NTJ2921-07RE2	11/04/10 03:26
Polyaromatic Hydrocarbons by EPA 8270D												
10J4632-MSD1												
Acenaphthene	ND	0.851		mg/kg wet	1.64	52%	42 - 120	3	40	10J4632	NTJ2810-01	10/28/10 16:52
Acenaphthylene	ND	0.895		mg/kg wet	1.64	55%	32 - 120	1	30	10J4632	NTJ2810-01	10/28/10 16:52
Anthracene	ND	1.05		mg/kg wet	1.64	64%	10 - 200	8	50	10J4632	NTJ2810-01	10/28/10 16:52
Benzo (a) anthracene	ND	0.993		mg/kg wet	1.64	61%	41 - 120	8	30	10J4632	NTJ2810-01	10/28/10 16:52
Benzo (a) pyrene	ND	1.06		mg/kg wet	1.64	65%	33 - 121	10	33	10J4632	NTJ2810-01	10/28/10 16:52
Benzo (b) fluoranthene	ND	1.03		mg/kg wet	1.64	63%	26 - 137	8	42	10J4632	NTJ2810-01	10/28/10 16:52
Benzo (g,h,i) perylene	ND	0.954		mg/kg wet	1.64	58%	21 - 124	10	32	10J4632	NTJ2810-01	10/28/10 16:52

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

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												
10J4632-MSD1												
Benzo (k) fluoranthene	ND	0.993		mg/kg wet	1.64	61%	14 - 140	12	39	10J4632	NTJ2810-01	10/28/10 16:52
Chrysene	ND	0.935		mg/kg wet	1.64	57%	28 - 123	8	34	10J4632	NTJ2810-01	10/28/10 16:52
Dibenz (a,h) anthracene	ND	0.999		mg/kg wet	1.64	61%	25 - 127	12	31	10J4632	NTJ2810-01	10/28/10 16:52
Fluoranthene	ND	0.968		mg/kg wet	1.64	59%	38 - 120	6	35	10J4632	NTJ2810-01	10/28/10 16:52
Fluorene	ND	0.940		mg/kg wet	1.64	57%	41 - 120	7	37	10J4632	NTJ2810-01	10/28/10 16:52
Indeno (1,2,3-cd) pyrene	ND	0.999		mg/kg wet	1.64	61%	25 - 123	12	32	10J4632	NTJ2810-01	10/28/10 16:52
Naphthalene	ND	0.615		mg/kg wet	1.64	38%	25 - 120	12	42	10J4632	NTJ2810-01	10/28/10 16:52
Phenanthrene	ND	0.989		mg/kg wet	1.64	60%	37 - 120	7	32	10J4632	NTJ2810-01	10/28/10 16:52
Pyrene	ND	1.03		mg/kg wet	1.64	63%	29 - 125	10	40	10J4632	NTJ2810-01	10/28/10 16:52
1-Methylnaphthalene	ND	0.681		mg/kg wet	1.64	42%	19 - 120	2	45	10J4632	NTJ2810-01	10/28/10 16:52
2-Methylnaphthalene	ND	0.715		mg/kg wet	1.64	44%	11 - 120	4	50	10J4632	NTJ2810-01	10/28/10 16:52
Surrogate: Terphenyl-d14		0.767		mg/kg wet	1.64	47%	18 - 120			10J4632	NTJ2810-01	10/28/10 16:52
Surrogate: 2-Fluorobiphenyl		0.610		mg/kg wet	1.64	37%	14 - 120			10J4632	NTJ2810-01	10/28/10 16:52
Surrogate: Nitrobenzene-d5		0.452		mg/kg wet	1.64	28%	17 - 120			10J4632	NTJ2810-01	10/28/10 16:52

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

CERTIFICATION SUMMARY

TestAmerica Nashville

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

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NTJ2921
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	10/22/10 08:10

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
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.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
R2	The RPD exceeded the acceptance limit.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
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

NTJ2921
11/05/10 23:59

TestAmerica

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: [illegible]
Toll Free: 800-765-0980
Fax: 615-726-3404

To 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) Pratt, Shaw
Sampler Signature: [signature]

Site State: SC
PO#: 1005
TA Quote #:
Project ID: Laurel Bay Housing Project
Project #:

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label) [illegible]	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	None (Black Label)	Other (Specify) Methanol	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	Analyze For: BTEX + Napth - 8260B	PAH - 8270C										RUSH TAT (Pre-Schedule)
767 Althea -1	10/18/10	1130	5	X					2				2	1					X		X	X					1					
767 Althea -2	10/18/10	1500	5	X					2				2	1					X		X	X					2					
768 Althea -1	10/19/10	1030	5	X					2				2	1					X		X	X					3					
768 Althea -2	10/19/10	1345	5	X					2				2	1					X		X	X					4					
768 Althea -3	10/19/10	1600	5	X					2				2	1					X		X	X					5					
772 Althea	10/20/10	1145	5	X					2				2	1					X		X	X					6					
775 Althea	10/20/10	1545	5	X					2				2	1					X		X	X					7					
776 Laurel Bay Blvd	10/21/10	1115	5	X					2				2	1					X		X	X					8					
774 Althea	10/21/10	1645	5	X					2				2	1					X		X	X					9					

Special Instructions:

Method of Shipment: FEDEX

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	10/21/10	1900	Fedex		
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
			[signature]	10/22/10	0810

Laboratory Comments:
Temperature Upon Receipt:
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 772Althea, 772 Althea Street, 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. McQueen 12/9/10

(Name) (Date)

Appendix C
Regulatory Correspondence

Healthy People. Healthy Communities.

December 14, 2016

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

RE: No Further Action
Laurel Bay Underground Storage Tank Assessment Reports

Dear Mr. Drawdy:

The South Carolina Department of Health and Environmental Control (the Department) received the Underground Storage Tanks (USTs) Assessment Reports for the addresses listed in the attachment. 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 and agrees there is no indication of soil or groundwater contamination on these properties 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, Environmental Engineer Associate
RCRA Federal Facilities Section

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

Attachment to: Petrus to Drawdy
Subject: No Further Action
Dated December 14, 2016

Laurel Bay Underground Assessment Reports for (5 addresses/9 tanks)

No Further Action recommendation:	
255 Beech Tank 1	770 Althea Tank 1
255 Beech Tank 2	770 Althea Tank 2
345 Ash Tank 1	772 Althea Tank 1
345 Ash Tank 2	772 Althea Tank 2
603 Dahlia	