

SUMMARY REPORT
27 WEST ALTHEA STREET (FORMERLY 754 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

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List of Acronyms

bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
CTO	Contract Task Order
COPC	constituents of potential concern
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 27 West Althea Street (Formerly 754 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 27 West Althea Street (Formerly 754 West Althea Street). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 754 West Althea Street* (MCAS Beaufort, 2011). The UST Assessment Report is provided in Appendix B. The sample was collected from the fill port side of the former UST to represent a worst case scenario.

2.1 UST Removal and Soil Sampling

On October 12, 2010, a single 280 gallon heating oil UST was removed from the landscaped area adjacent to the driveway at 27 West Althea Street (Formerly 754 West Althea Street). The former UST location is indicated on Figures 2 and 3 of the UST Assessment Report (Appendix B). The UST was 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 removal. According to the UST Assessment Report (Appendix B),

the depth to the base of the UST was 5'8" bgs and a single soil sample was collected from that depth. The sample was collected from the fill port side of the former UST to represent a worst case scenario.

Following UST removal, a soil sample was collected from the base of the 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 report is included in the UST Assessment Report presented in Appendix B. The laboratory analytical data report includes 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 location 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 27 West Althea Street (Formerly 754 West Althea Street) were less than the SCDHEC RBSLs, which indicated the subsurface was not impacted by COPCs associated with the former UST 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 27 West Althea Street (Formerly 754 West Althea Street). This NFA determination was obtained in a letter dated July 7, 2011. SCDHEC's NFA letter is provided in Appendix C.

4.0 REFERENCES

Marine Corps Air Station Beaufort, 2011. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 754 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
27 West Althea Street (Formerly 754 West Althea Street)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs ⁽¹⁾	Results Sample Collected 10/12/10
Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)		
Benzene	0.003	ND
Ethylbenzene	1.15	ND
Naphthalene	0.036	0.00783
Toluene	0.627	0.00110
Xylenes, Total	13.01	ND
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (mg/kg)		
Benzo(a)anthracene	0.66	ND
Benzo(b)fluoranthene	0.66	ND
Benzo(k)fluoranthene	0.66	ND
Chrysene	0.66	ND
Dibenz(a,h)anthracene	0.66	ND

Notes:

⁽¹⁾ South Carolina Risk-Based Screening Levels from the Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 1.0 and 1.1 (SCDHEC, May 2001 and SCDHEC, February 2011) 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

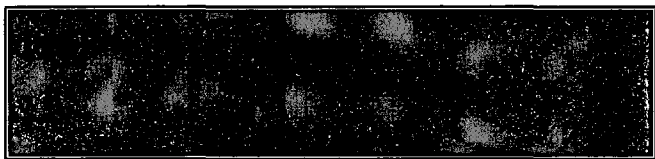
Appendix A
Multi-Media Selection Process for LBMH



Appendix A - Multi-Media Selection Process for LBMH

Appendix B
UST Assessment Report

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



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	
754 Althea Street, Laurel Bay Military Housing Area	
Street Address or State Road (as applicable)	
Beaufort,	Beaufort
City	County

III. INSURANCE INFORMATION

Insurance Statement

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

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

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

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

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

IV. REQUEST FOR SUPERB FUNDING

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

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

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

Name (Type or print.)

Signature

To be completed by Notary Public:

Sworn before me this _____ day of _____, 20____

(Name)

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

VI. UST INFORMATION

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

754Althea				
Heating oil				
280 gal				
Late 1950s				
Steel				
Mid 1980s				
5'8"				
No				
No				
Removed				
10/12/10				
Yes				
No				

- M. Method of disposal for any USTs removed from the ground (attach disposal manifests)
UST 754Althea was removed from the ground and disposed of at a
"Subtitle D" landfill. See Attachment "A".
- N. Method of disposal for any liquid petroleum, sludges, or wastewaters removed from the USTs (attach disposal manifests)
UST 754Althea was previously filled with sand by others.
- O. If any corrosion, pitting, or holes were observed, describe the location and extent for each UST
Corrosion and pitting were scattered about the tank.

VII. PIPING INFORMATION

A. Construction Material..(ex. Steel, FRP).....	754	Althea			
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 #
754 Althea	Excav at fill end	Soil	Sandy	5'8"	10/12/10 1630 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

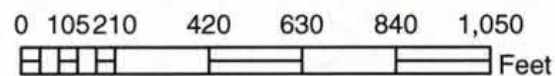
XIII. SITE MAP

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)



754 ALTHEA STREET



SBG-EEG, Inc.

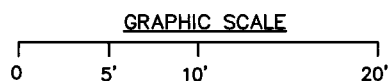
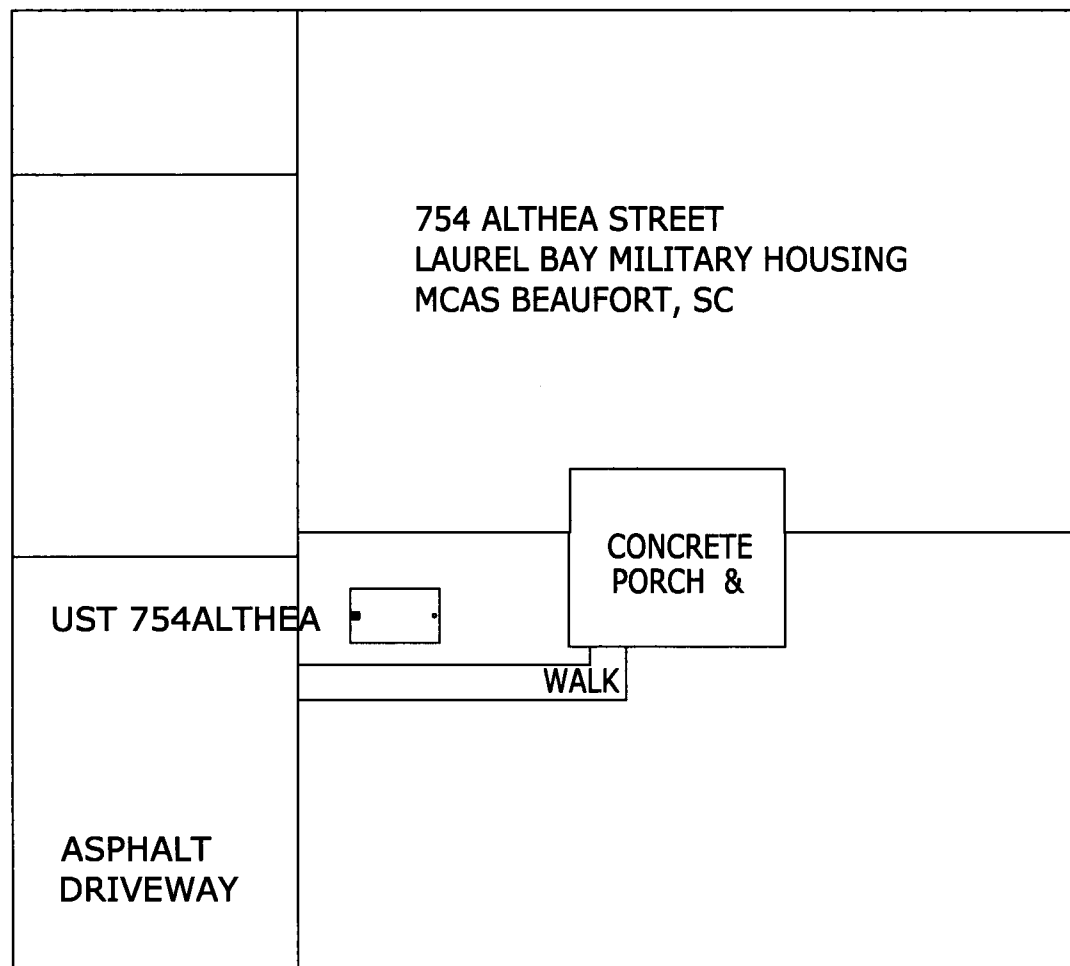
398 E. 5th North Street, Suite C
Summerville SC 29483-6954

Ph. (843) 875-1930

Drawn By: L. DiAsio

Dwg Date: NOV 2010

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



SBG-EEG

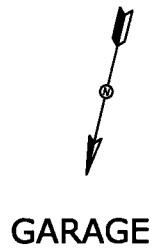
398 E. 5 NORTH ST., SUITE C
SUMMERVILLE, SC
29483-6954

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

SCALE: GRAPHIC

DWG DATE NOV 2010

754 ALTHEA STREET



PORCH

EXCAVATION

FILL END

UST 754ALTHEA,
280 GAL.

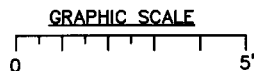
SOIL SAMPLE
754 ALTHEA

SIDEWALK

GRASS

ASPHALT
DRIVEWAY

UST 754ALTHEA WAS
32" BELOW GRADE.



SBG-EEG

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

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

SCALE: GRAPHIC

DWG DATE NOV 2010



Picture 1: Location of UST 754Althea.



Picture 2: UST 754Althea 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	754Althea						
Benzene		ND						
Toluene		0.00110 mg/kg						
Ethylbenzene		ND						
Xylenes		ND						
Naphthalene		0.00783 mg/kg						
Benzo (a) anthracene		ND						
Benzo (b) fluoranthene		ND						
Benzo (k) fluoranthene		ND						
Chrysene		ND						
Dibenz (a, h) anthracene		ND						
TPH (EPA 3550)								

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

SUMMARY OF ANALYSIS RESULTS (cont'd)

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

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

XV. ANALYTICAL RESULTS

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

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

November 01, 2010 5:03:00PM

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Nbr: [none]
P/O Nbr: 1005
Date Received: 10/16/10

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
927 Albacore	NTJ2269-01	10/11/10 10:45
937 Albacore	NTJ2269-02	10/11/10 15:30
756 Althea	NTJ2269-03	10/12/10 13:45
754 Althea	NTJ2269-04	10/12/10 16:30
758 Althea	NTJ2269-05	10/13/10 11:15
760 Althea	NTJ2269-06	10/13/10 16:00
763 Althea	NTJ2269-07	10/14/10 10:45
766 Althea	NTJ2269-08	10/14/10 15:25

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

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

South Carolina Certification Number: 84009

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

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

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

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Ken A. Hayes

Senior Project Manager

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTJ2269-01 (927 Albacore - Soil) Sampled: 10/11/10 10:45										
General Chemistry Parameters										
% Dry Solids	88.4		%	0.500	0.500	1	10/21/10 09:05	SW-846	HLB	10J3826
Volatile Organic Compounds by EPA Method 8260B										
Benzene	0.142		mg/kg dry	0.0614	0.112	50	10/25/10 19:10	SW846 8260B	WMC H	10J4963
Ethylbenzene	1.53		mg/kg dry	0.0547	0.112	50	10/25/10 19:10	SW846 8260B	WMC H	10J4963
Naphthalene	2.92	M8	mg/kg dry	0.0948	0.279	50	10/25/10 19:10	SW846 8260B	WMC H	10J4963
Toluene	ND		mg/kg dry	0.0496	0.112	50	10/25/10 19:10	SW846 8260B	WMC H	10J4963
Xylenes, total	2.82		mg/kg dry	0.106	0.279	50	10/25/10 19:10	SW846 8260B	WMC H	10J4963
Surr: 1,2-Dichloroethane-d4 (67-138%)	123 %					50	10/25/10 19:10	SW846 8260B	WMC H	10J4963
Surr: Dibromofluoromethane (75-125%)	116 %					50	10/25/10 19:10	SW846 8260B	WMC H	10J4963
Surr: Toluene-d8 (76-129%)	141 %	ZX				50	10/25/10 19:10	SW846 8260B	WMC H	10J4963
Surr: 4-Bromofluorobenzene (67-147%)	107 %					50	10/25/10 19:10	SW846 8260B	WMC H	10J4963
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0154	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Acenaphthylene	ND		mg/kg dry	0.0219	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Anthracene	ND		mg/kg dry	0.00987	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Benzo (a) anthracene	ND		mg/kg dry	0.0121	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Benzo (a) pyrene	ND		mg/kg dry	0.00878	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Benzo (b) fluoranthene	ND		mg/kg dry	0.0417	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Benzo (g,h,i) perylene	ND		mg/kg dry	0.00987	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Benzo (k) fluoranthene	ND		mg/kg dry	0.0406	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Chrysene	ND		mg/kg dry	0.0340	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0165	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Fluoranthene	ND		mg/kg dry	0.0121	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Fluorene	ND		mg/kg dry	0.0219	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0340	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Naphthalene	ND		mg/kg dry	0.0154	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Phenanthrene	ND		mg/kg dry	0.0110	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Pyrene	ND		mg/kg dry	0.0252	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
1-Methylnaphthalene	ND		mg/kg dry	0.0132	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
2-Methylnaphthalene	ND		mg/kg dry	0.0230	0.0735	1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Surr: Terphenyl-d14 (18-120%)	74 %					1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Surr: 2-Fluorobiphenyl (14-120%)	64 %					1	10/25/10 01:27	SW846 8270D	KJP	10J3714
Surr: Nitrobenzene-d5 (17-120%)	59 %					1	10/25/10 01:27	SW846 8270D	KJP	10J3714

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTJ2269-02 (937 Albacore - Soil) Sampled: 10/11/10 15:30										
General Chemistry Parameters										
% Dry Solids	82.0		%	0.500	0.500	1	10/21/10 09:05	SW-846	HLB	10J3826
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00116	0.00211	1	10/25/10 21:25	SW846 8260B	MJH/H	10J4863
Ethylbenzene	ND		mg/kg dry	0.00103	0.00211	1	10/25/10 21:25	SW846 8260B	MJH/H	10J4863
Naphthalene	ND		mg/kg dry	0.00179	0.00527	1	10/25/10 21:25	SW846 8260B	MJH/H	10J4863
Toluene	ND		mg/kg dry	0.000938	0.00211	1	10/25/10 21:25	SW846 8260B	MJH/H	10J4863
Xylenes, total	ND		mg/kg dry	0.00200	0.00527	1	10/25/10 21:25	SW846 8260B	MJH/H	10J4863
Surr: 1,2-Dichloroethane-d4 (67-138%)	95 %					1	10/25/10 21:25	SW846 8260B	MJH/H	10J4863
Surr: Dibromofluoromethane (75-125%)	97 %					1	10/25/10 21:25	SW846 8260B	MJH/H	10J4863
Surr: Toluene-d8 (76-129%)	99 %					1	10/25/10 21:25	SW846 8260B	MJH/H	10J4863
Surr: 4-Bromofluorobenzene (67-147%)	106 %					1	10/25/10 21:25	SW846 8260B	MJH/H	10J4863
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0167	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Acenaphthylene	ND		mg/kg dry	0.0238	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Anthracene	ND		mg/kg dry	0.0107	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Benzo (a) anthracene	ND		mg/kg dry	0.0131	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Benzo (a) pyrene	ND		mg/kg dry	0.00953	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Benzo (b) fluoranthene	ND		mg/kg dry	0.0452	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Benzo (g,h,i) perylene	0.0572	J	mg/kg dry	0.0107	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Benzo (k) fluoranthene	ND		mg/kg dry	0.0441	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Chrysene	ND		mg/kg dry	0.0369	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0179	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Fluoranthene	ND		mg/kg dry	0.0131	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Fluorene	ND		mg/kg dry	0.0238	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0369	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Naphthalene	ND		mg/kg dry	0.0167	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Phenanthrene	ND		mg/kg dry	0.0119	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Pyrene	ND		mg/kg dry	0.0274	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
1-Methylnaphthalene	ND		mg/kg dry	0.0143	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
2-Methylnaphthalene	ND		mg/kg dry	0.0250	0.0798	1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Surr: Terphenyl-d14 (18-120%)	72 %					1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Surr: 2-Fluorobiphenyl (14-120%)	61 %					1	10/25/10 01:48	SW846 8270D	KJP	10J3714
Surr: Nitrobenzene-d5 (17-120%)	55 %					1	10/25/10 01:48	SW846 8270D	KJP	10J3714

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTJ2269-03 (756 Althea - Soil) Sampled: 10/12/10 13:45										
General Chemistry Parameters										
% Dry Solids	87.1		%	0.500	0.500	1	10/21/10 09:05	SW-846	HLB	10J3826
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00146	0.00266	1	10/26/10 05:13	SW846 8260B	KxC	10J3702
Ethylbenzene	ND		mg/kg dry	0.00130	0.00266	1	10/26/10 05:13	SW846 8260B	KxC	10J3702
Naphthalene	0.00940		mg/kg dry	0.00226	0.00665	1	10/26/10 05:13	SW846 8260B	KxC	10J3702
Toluene	0.00118	J	mg/kg dry	0.00118	0.00266	1	10/26/10 05:13	SW846 8260B	KxC	10J3702
Xylenes, total	ND		mg/kg dry	0.00253	0.00665	1	10/26/10 05:13	SW846 8260B	KxC	10J3702
Surr: 1,2-Dichloroethane-d4 (67-138%)	95 %					1	10/26/10 05:13	SW846 8260B	KxC	10J3702
Surr: Dibromofluoromethane (75-125%)	97 %					1	10/26/10 05:13	SW846 8260B	KxC	10J3702
Surr: Toluene-d8 (76-129%)	100 %					1	10/26/10 05:13	SW846 8260B	KxC	10J3702
Surr: 4-Bromofluorobenzene (67-147%)	107 %					1	10/26/10 05:13	SW846 8260B	KxC	10J3702
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0159	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Acenaphthylene	ND		mg/kg dry	0.0227	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Anthracene	ND		mg/kg dry	0.0102	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Benzo (a) anthracene	ND		mg/kg dry	0.0125	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Benzo (a) pyrene	ND		mg/kg dry	0.00907	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Benzo (b) fluoranthene	ND		mg/kg dry	0.0431	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0102	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Benzo (k) fluoranthene	ND		mg/kg dry	0.0419	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Chrysene	ND		mg/kg dry	0.0351	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0170	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Fluoranthene	ND		mg/kg dry	0.0125	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Fluorene	ND		mg/kg dry	0.0227	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0351	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Naphthalene	ND		mg/kg dry	0.0159	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Phenanthrene	ND		mg/kg dry	0.0113	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Pyrene	ND		mg/kg dry	0.0261	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
1-Methylnaphthalene	ND		mg/kg dry	0.0136	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
2-Methylnaphthalene	ND		mg/kg dry	0.0238	0.0759	1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Surr: Terphenyl-d14 (18-120%)	66 %					1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Surr: 2-Fluorobiphenyl (14-120%)	61 %					1	10/25/10 02:10	SW846 8270D	KJP	10J3714
Surr: Nitrobenzene-d5 (17-120%)	56 %					1	10/25/10 02:10	SW846 8270D	KJP	10J3714

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTJ2269-04 (754 Althea - Soil) Sampled: 10/12/10 16:30										
General Chemistry Parameters										
% Dry Solids	86.4		%	0.500	0.500	1	10/21/10 09:05	SW-846	HLB	10J3826
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00128	0.00232	1	10/26/10 05:42	SW846 8260B	KxC	10J3702
Ethylbenzene	ND		mg/kg dry	0.00114	0.00232	1	10/26/10 05:42	SW846 8260B	KxC	10J3702
Naphthalene	0.00783		mg/kg dry	0.00197	0.00580	1	10/26/10 05:42	SW846 8260B	KxC	10J3702
Toluene	0.00110	J	mg/kg dry	0.00103	0.00232	1	10/26/10 05:42	SW846 8260B	KxC	10J3702
Xylenes, total	ND		mg/kg dry	0.00220	0.00580	1	10/26/10 05:42	SW846 8260B	KxC	10J3702
Surr: 1,2-Dichloroethane-d4 (67-138%)	95 %					J	10/26/10 05:42	SW846 8260B	KxC	10J3702
Surr: Dibromofluoromethane (75-125%)	99 %					J	10/26/10 05:42	SW846 8260B	KxC	10J3702
Surr: Toluene-d8 (76-129%)	100 %					J	10/26/10 05:42	SW846 8260B	KxC	10J3702
Surr: 4-Bromofluorobenzene (67-147%)	106 %					J	10/26/10 05:42	SW846 8260B	KxC	10J3702
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0160	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
Acenaphthylene	ND		mg/kg dry	0.0229	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
Anthracene	ND		mg/kg dry	0.0103	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
Benzo (a) anthracene	ND		mg/kg dry	0.0126	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
Benzo (a) pyrene	ND		mg/kg dry	0.00916	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
Benzo (b) fluoranthene	ND		mg/kg dry	0.0435	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0103	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
Benzo (k) fluoranthene	ND		mg/kg dry	0.0424	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
Chrysene	ND		mg/kg dry	0.0355	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0172	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
Fluoranthene	ND		mg/kg dry	0.0126	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
Fluorene	ND		mg/kg dry	0.0229	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0355	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
Naphthalene	ND		mg/kg dry	0.0160	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
Phenanthrene	ND		mg/kg dry	0.0115	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
Pyrene	ND		mg/kg dry	0.0263	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
1-Methylnaphthalene	ND		mg/kg dry	0.0137	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
2-Methylnaphthalene	ND		mg/kg dry	0.0240	0.0767	1	10/25/10 02:32	SW846 8270D	KJP	10J3714
Surr: Terphenyl-d14 (18-120%)	55 %					J	10/25/10 02:32	SW846 8270D	KJP	10J3714
Surr: 2-Fluorobiphenyl (14-120%)	47 %					J	10/25/10 02:32	SW846 8270D	KJP	10J3714
Surr: Nitrobenzene-d5 (17-120%)	44 %					J	10/25/10 02:32	SW846 8270D	KJP	10J3714

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTJ2269-05 (758 Althea - Soil) Sampled: 10/13/10 11:15										
General Chemistry Parameters										
% Dry Solids	81.9		%	0.500	0.500	1	10/21/10 09:05	SW-846	HLB	10J3826
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00101	0.00183	1	10/26/10 06:11	SW846 8260B	KxC	10J3702
Ethylbenzene	ND		mg/kg dry	0.000898	0.00183	1	10/26/10 06:11	SW846 8260B	KxC	10J3702
Naphthalene	0.00637		mg/kg dry	0.00156	0.00458	1	10/26/10 06:11	SW846 8260B	KxC	10J3702
Toluene	ND		mg/kg dry	0.000815	0.00183	1	10/26/10 06:11	SW846 8260B	KxC	10J3702
Xylenes, total	ND		mg/kg dry	0.00174	0.00458	1	10/26/10 06:11	SW846 8260B	KxC	10J3702
Surr: 1,2-Dichloroethane-d4 (67-138%)	98 %					1	10/26/10 06:11	SW846 8260B	KxC	10J3702
Surr: Dibromofluoromethane (75-125%)	100 %					1	10/26/10 06:11	SW846 8260B	KxC	10J3702
Surr: Toluene-d8 (76-129%)	99 %					1	10/26/10 06:11	SW846 8260B	KxC	10J3702
Surr: 4-Bromofluorobenzene (67-147%)	105 %					1	10/26/10 06:11	SW846 8260B	KxC	10J3702
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0168	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Acenaphthylene	ND		mg/kg dry	0.0240	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Anthracene	ND		mg/kg dry	0.0108	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Benzo (a) anthracene	ND		mg/kg dry	0.0132	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Benzo (a) pyrene	ND		mg/kg dry	0.00959	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Benzo (b) fluoranthene	ND		mg/kg dry	0.0455	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0108	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Benzo (k) fluoranthene	ND		mg/kg dry	0.0443	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Chrysene	ND		mg/kg dry	0.0372	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0180	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Fluoranthene	ND		mg/kg dry	0.0132	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Fluorene	ND		mg/kg dry	0.0240	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0372	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Naphthalene	ND		mg/kg dry	0.0168	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Phenanthrene	ND		mg/kg dry	0.0120	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Pyrene	ND		mg/kg dry	0.0276	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
1-Methylnaphthalene	ND		mg/kg dry	0.0144	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
2-Methylnaphthalene	ND		mg/kg dry	0.0252	0.0803	1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Surr: Terphenyl-d14 (18-120%)	60 %					1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Surr: 2-Fluorobiphenyl (14-120%)	53 %					1	10/25/10 02:54	SW846 8270D	KJP	10J3714
Surr: Nitrobenzene-d5 (17-120%)	49 %					1	10/25/10 02:54	SW846 8270D	KJP	10J3714

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTJ2269-06 (760 Althea - Soil) Sampled: 10/13/10 16:00										
General Chemistry Parameters										
% Dry Solids	81.6		%	0.500	0.500	1	10/21/10 09:05	SW-846	HLB	10J3826
Volatile Organic Compounds by EPA Method 8260B										
Benzene	0.00254		mg/kg dry	0.00128	0.00232	1	10/26/10 06:40	SW846 8260B	KxC	10J3702
Ethylbenzene	1.15		mg/kg dry	0.0574	0.117	50	10/26/10 00:36	SW846 8260B	WMC H	10J4963
Naphthalene	5.68		mg/kg dry	0.0996	0.293	50	10/26/10 00:36	SW846 8260B	WMC H	10J4963
Toluene	0.0229		mg/kg dry	0.00103	0.00232	1	10/26/10 06:40	SW846 8260B	KxC	10J3702
Xylenes, total	1.84		mg/kg dry	0.111	0.293	50	10/26/10 00:36	SW846 8260B	WMC H	10J4963
Surr: 1,2-Dichloroethane-d4 (67-138%)	96 %					1	10/26/10 06:40	SW846 8260B	KxC	10J3702
Surr: 1,2-Dichloroethane-d4 (67-138%)	108 %					50	10/26/10 00:36	SW846 8260B	WMC H	10J4963
Surr: Dibromofluoromethane (75-125%)	105 %					1	10/26/10 06:40	SW846 8260B	KxC	10J3702
Surr: Dibromofluoromethane (75-125%)	105 %					50	10/26/10 00:36	SW846 8260B	WMC H	10J4963
Surr: Toluene-d8 (76-129%)	147 %	ZX				1	10/26/10 06:40	SW846 8260B	KxC	10J3702
Surr: Toluene-d8 (76-129%)	97 %					50	10/26/10 00:36	SW846 8260B	WMC H	10J4963
Surr: 4-Bromofluorobenzene (67-147%)	245 %	ZX				1	10/26/10 06:40	SW846 8260B	KxC	10J3702
Surr: 4-Bromofluorobenzene (67-147%)	101 %					50	10/26/10 00:36	SW846 8260B	WMC H	10J4963
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	1.22		mg/kg dry	0.0171	0.0818	1	10/25/10 03:15	SW846 8270D	KJP	10J3714
Acenaphthylene	ND		mg/kg dry	0.0244	0.0818	1	10/25/10 03:15	SW846 8270D	KJP	10J3714
Anthracene	ND		mg/kg dry	0.0110	0.0818	1	10/25/10 03:15	SW846 8270D	KJP	10J3714
Benzo (a) anthracene	0.366		mg/kg dry	0.0134	0.0818	1	10/25/10 03:15	SW846 8270D	KJP	10J3714
Benzo (a) pyrene	0.196		mg/kg dry	0.00977	0.0818	1	10/25/10 03:15	SW846 8270D	KJP	10J3714
Benzo (b) fluoranthene	0.296		mg/kg dry	0.0464	0.0818	1	10/25/10 03:15	SW846 8270D	KJP	10J3714
Benzo (g,h,i) perylene	0.0700	J	mg/kg dry	0.0110	0.0818	1	10/25/10 03:15	SW846 8270D	KJP	10J3714
Benzo (k) fluoranthene	0.230		mg/kg dry	0.0452	0.0818	1	10/25/10 03:15	SW846 8270D	KJP	10J3714
Chrysene	0.453		mg/kg dry	0.0379	0.0818	1	10/25/10 03:15	SW846 8270D	KJP	10J3714
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0183	0.0818	1	10/25/10 03:15	SW846 8270D	KJP	10J3714
Fluoranthene	0.669		mg/kg dry	0.0134	0.0818	1	10/25/10 03:15	SW846 8270D	KJP	10J3714
Fluorene	1.26		mg/kg dry	0.0244	0.0818	1	10/25/10 03:15	SW846 8270D	KJP	10J3714
Indeno (1,2,3-cd) pyrene	0.0777	J	mg/kg dry	0.0379	0.0818	1	10/25/10 03:15	SW846 8270D	KJP	10J3714
Naphthalene	2.45		mg/kg dry	0.0171	0.0818	1	10/25/10 03:15	SW846 8270D	KJP	10J3714
Phenanthrene	2.01		mg/kg dry	0.0122	0.0818	1	10/25/10 03:15	SW846 8270D	KJP	10J3714
Pyrene	1.02		mg/kg dry	0.0281	0.0818	1	10/25/10 03:15	SW846 8270D	KJP	10J3714
1-Methylnaphthalene	7.22		mg/kg dry	0.0733	0.409	5	10/25/10 04:19	SW846 8270D	KJP	10J3714
2-Methylnaphthalene	9.43		mg/kg dry	0.128	0.409	5	10/25/10 04:19	SW846 8270D	KJP	10J3714
Surr: Terphenyl-d14 (18-120%)	79 %					1	10/25/10 03:15	SW846 8270D	KJP	10J3714
Surr: 2-Fluorobiphenyl (14-120%)	83 %					1	10/25/10 03:15	SW846 8270D	KJP	10J3714
Surr: Nitrobenzene-d5 (17-120%)	69 %					1	10/25/10 03:15	SW846 8270D	KJP	10J3714

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTJ2269-07 (763 Althea - Soil) Sampled: 10/14/10 10:45										
General Chemistry Parameters										
% Dry Solids	81.1		%	0.500	0.500	1	10/21/10 09:05	SW-846	HLB	10J3826
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00117	0.00213	1	10/26/10 14:41	SW846 8260B	KxC	10J3267
Ethylbenzene	0.0215		mg/kg dry	0.00104	0.00213	1	10/26/10 14:41	SW846 8260B	KxC	10J3267
Naphthalene	2.29		mg/kg dry	0.0920	0.270	50	10/26/10 01:03	SW846 8260B	WMC H	10J4963
Toluene	0.00238		mg/kg dry	0.000946	0.00213	1	10/26/10 14:41	SW846 8260B	KxC	10J3267
Xylenes, total	0.0167		mg/kg dry	0.00202	0.00532	1	10/26/10 14:41	SW846 8260B	KxC	10J3267
Surr: 1,2-Dichloroethane-d4 (67-138%)	101 %					1	10/26/10 14:41	SW846 8260B	KxC	10J3267
Surr: 1,2-Dichloroethane-d4 (67-138%)	112 %					50	10/26/10 01:03	SW846 8260B	WMC H	10J4963
Surr: Dibromofluoromethane (75-125%)	105 %					1	10/26/10 14:41	SW846 8260B	KxC	10J3267
Surr: Dibromofluoromethane (75-125%)	110 %					50	10/26/10 01:03	SW846 8260B	WMC H	10J4963
Surr: Toluene-d8 (76-129%)	122 %					1	10/26/10 14:41	SW846 8260B	KxC	10J3267
Surr: Toluene-d8 (76-129%)	95 %					50	10/26/10 01:03	SW846 8260B	WMC H	10J4963
Surr: 4-Bromofluorobenzene (67-147%)	262 %	ZX				1	10/26/10 14:41	SW846 8260B	KxC	10J3267
Surr: 4-Bromofluorobenzene (67-147%)	97 %					50	10/26/10 01:03	SW846 8260B	WMC H	10J4963
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	0.877		mg/kg dry	0.0168	0.0804	1	10/25/10 03:36	SW846 8270D	KJP	10J3714
Acenaphthylene	ND		mg/kg dry	0.0240	0.0804	1	10/25/10 03:36	SW846 8270D	KJP	10J3714
Anthracene	0.752		mg/kg dry	0.0108	0.0804	1	10/25/10 03:36	SW846 8270D	KJP	10J3714
Benzo (a) anthracene	1.42		mg/kg dry	0.0132	0.0804	1	10/25/10 03:36	SW846 8270D	KJP	10J3714
Benzo (a) pyrene	0.517		mg/kg dry	0.00960	0.0804	1	10/25/10 03:36	SW846 8270D	KJP	10J3714
Benzo (b) fluoranthene	0.639		mg/kg dry	0.0456	0.0804	1	10/25/10 03:36	SW846 8270D	KJP	10J3714
Benzo (g,h,i) perylene	0.110		mg/kg dry	0.0108	0.0804	1	10/25/10 03:36	SW846 8270D	KJP	10J3714
Benzo (k) fluoranthene	0.600		mg/kg dry	0.0444	0.0804	1	10/25/10 03:36	SW846 8270D	KJP	10J3714
Chrysene	1.42		mg/kg dry	0.0372	0.0804	1	10/25/10 03:36	SW846 8270D	KJP	10J3714
Dibenz (a,h) anthracene	0.0864		mg/kg dry	0.0180	0.0804	1	10/25/10 03:36	SW846 8270D	KJP	10J3714
Fluoranthene	3.21		mg/kg dry	0.0132	0.0804	1	10/25/10 03:36	SW846 8270D	KJP	10J3714
Fluorene	1.63		mg/kg dry	0.0240	0.0804	1	10/25/10 03:36	SW846 8270D	KJP	10J3714
Indeno (1,2,3-cd) pyrene	0.128		mg/kg dry	0.0372	0.0804	1	10/25/10 03:36	SW846 8270D	KJP	10J3714
Naphthalene	0.631		mg/kg dry	0.0168	0.0804	1	10/25/10 03:36	SW846 8270D	KJP	10J3714
Phenanthrene	3.89		mg/kg dry	0.0120	0.0804	1	10/25/10 03:36	SW846 8270D	KJP	10J3714
Pyrene	2.59		mg/kg dry	0.0276	0.0804	1	10/25/10 03:36	SW846 8270D	KJP	10J3714
1-Methylnaphthalene	5.46		mg/kg dry	0.0720	0.402	5	10/25/10 04:41	SW846 8270D	KJP	10J3714
2-Methylnaphthalene	8.84		mg/kg dry	0.126	0.402	5	10/25/10 04:41	SW846 8270D	KJP	10J3714
Surr: Terphenyl-d14 (18-120%)	72 %					1	10/25/10 03:36	SW846 8270D	KJP	10J3714
Surr: 2-Fluorobiphenyl (14-120%)	65 %					1	10/25/10 03:36	SW846 8270D	KJP	10J3714
Surr: Nitrobenzene-d5 (17-120%)	64 %					1	10/25/10 03:36	SW846 8270D	KJP	10J3714

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTJ2269-08 (766 Althea - Soil) Sampled: 10/14/10 15:25										
General Chemistry Parameters										
% Dry Solids	74.4		%	0.500	0.500	1	10/21/10 09:05	SW-846	HLB	10J3826
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00121	0.00220	1	10/26/10 07:39	SW846 8260B	KxC	10J3702
Ethylbenzene	0.0550		mg/kg dry	0.00108	0.00220	1	10/26/10 07:39	SW846 8260B	KxC	10J3702
Naphthalene	0.154		mg/kg dry	0.00187	0.00551	1	10/26/10 07:39	SW846 8260B	KxC	10J3702
Toluene	0.00240		mg/kg dry	0.000980	0.00220	1	10/26/10 07:39	SW846 8260B	KxC	10J3702
Xylenes, total	0.0678		mg/kg dry	0.00209	0.00551	1	10/26/10 07:39	SW846 8260B	KxC	10J3702
Surr: 1,2-Dichloroethane-d4 (67-138%)	102 %					1	10/26/10 07:39	SW846 8260B	KxC	10J3702
Surr: Dibromofluoromethane (75-125%)	100 %					1	10/26/10 07:39	SW846 8260B	KxC	10J3702
Surr: Toluene-d8 (76-129%)	130 %	ZX				1	10/26/10 07:39	SW846 8260B	KxC	10J3702
Surr: 4-Bromofluorobenzene (67-147%)	179 %	ZX				1	10/26/10 07:39	SW846 8260B	KxC	10J3702
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	0.948		mg/kg dry	0.0185	0.0887	1	10/25/10 03:58	SW846 8270D	KJP	10J3714
Acenaphthylene	ND		mg/kg dry	0.0265	0.0887	1	10/25/10 03:58	SW846 8270D	KJP	10J3714
Anthracene	ND		mg/kg dry	0.0119	0.0887	1	10/25/10 03:58	SW846 8270D	KJP	10J3714
Benzo (a) anthracene	ND		mg/kg dry	0.0146	0.0887	1	10/25/10 03:58	SW846 8270D	KJP	10J3714
Benzo (a) pyrene	ND		mg/kg dry	0.0106	0.0887	1	10/25/10 03:58	SW846 8270D	KJP	10J3714
Benzo (b) fluoranthene	ND		mg/kg dry	0.0503	0.0887	1	10/25/10 03:58	SW846 8270D	KJP	10J3714
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0119	0.0887	1	10/25/10 03:58	SW846 8270D	KJP	10J3714
Benzo (k) fluoranthene	ND		mg/kg dry	0.0490	0.0887	1	10/25/10 03:58	SW846 8270D	KJP	10J3714
Chrysene	0.0570	J	mg/kg dry	0.0411	0.0887	1	10/25/10 03:58	SW846 8270D	KJP	10J3714
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0199	0.0887	1	10/25/10 03:58	SW846 8270D	KJP	10J3714
Fluoranthene	0.129		mg/kg dry	0.0146	0.0887	1	10/25/10 03:58	SW846 8270D	KJP	10J3714
Fluorene	0.543		mg/kg dry	0.0265	0.0887	1	10/25/10 03:58	SW846 8270D	KJP	10J3714
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0411	0.0887	1	10/25/10 03:58	SW846 8270D	KJP	10J3714
Naphthalene	8.72		mg/kg dry	0.0927	0.444	5	10/25/10 12:51	SW846 8270D	KJP	10J3714
Phenanthrene	3.50		mg/kg dry	0.0132	0.0887	1	10/25/10 03:58	SW846 8270D	KJP	10J3714
Pyrene	0.259		mg/kg dry	0.0305	0.0887	1	10/25/10 03:58	SW846 8270D	KJP	10J3714
1-Methylnaphthalene	17.4		mg/kg dry	0.0795	0.444	5	10/25/10 12:51	SW846 8270D	KJP	10J3714
2-Methylnaphthalene	27.6		mg/kg dry	0.278	0.887	10	10/26/10 17:17	SW846 8270D	KJP	10J3714
Surr: Terphenyl-d14 (18-120%)	77 %					1	10/25/10 03:58	SW846 8270D	KJP	10J3714
Surr: 2-Fluorobiphenyl (14-120%)	73 %					1	10/25/10 03:58	SW846 8270D	KJP	10J3714
Surr: Nitrobenzene-d5 (17-120%)	24 %					1	10/25/10 03:58	SW846 8270D	KJP	10J3714

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polyaromatic Hydrocarbons by EPA 8270D							
SW846 8270D	10J3714	NTJ2269-01	30.94	1.00	10/21/10 06:30	CAG	EPA 3550B
SW846 8270D	10J3714	NTJ2269-02	30.71	1.00	10/21/10 06:30	CAG	EPA 3550B
SW846 8270D	10J3714	NTJ2269-03	30.40	1.00	10/21/10 06:30	CAG	EPA 3550B
SW846 8270D	10J3714	NTJ2269-04	30.32	1.00	10/21/10 06:30	CAG	EPA 3550B
SW846 8270D	10J3714	NTJ2269-05	30.55	1.00	10/21/10 06:30	CAG	EPA 3550B
SW846 8270D	10J3714	NTJ2269-06	30.12	1.00	10/21/10 06:30	CAG	EPA 3550B
SW846 8270D	10J3714	NTJ2269-06RE1	30.12	1.00	10/21/10 06:30	CAG	EPA 3550B
SW846 8270D	10J3714	NTJ2269-07	30.84	1.00	10/21/10 06:30	CAG	EPA 3550B
SW846 8270D	10J3714	NTJ2269-07RE1	30.84	1.00	10/21/10 06:30	CAG	EPA 3550B
SW846 8270D	10J3714	NTJ2269-08	30.43	1.00	10/21/10 06:30	CAG	EPA 3550B
SW846 8270D	10J3714	NTJ2269-08RE1	30.43	1.00	10/21/10 06:30	CAG	EPA 3550B
SW846 8270D	10J3714	NTJ2269-08RE2	30.43	1.00	10/21/10 06:30	CAG	EPA 3550B
Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	10J4963	NTJ2269-01	5.07	5.00	10/11/10 10:45	CHH	EPA 5035
SW846 8260B	10J4863	NTJ2269-02	5.78	5.00	10/11/10 15:30	CHH	EPA 5035
SW846 8260B	10J3702	NTJ2269-03	4.32	5.00	10/12/10 13:45	CHH	EPA 5035
SW846 8260B	10J3702	NTJ2269-04	4.99	5.00	10/12/10 16:30	CHH	EPA 5035
SW846 8260B	10J3702	NTJ2269-05	6.66	5.00	10/13/10 11:15	CHH	EPA 5035
SW846 8260B	10J3702	NTJ2269-06	5.28	5.00	10/13/10 16:00	CHH	EPA 5035
SW846 8260B	10J4963	NTJ2269-06RE1	5.23	5.00	10/13/10 16:00	CHH	EPA 5035
SW846 8260B	10J3702	NTJ2269-07	5.46	5.00	10/14/10 10:45	CHH	EPA 5035
SW846 8260B	10J3267	NTJ2269-07RE1	5.80	5.00	10/14/10 10:45	CHH	EPA 5035
SW846 8260B	10J4963	NTJ2269-07RE2	5.70	5.00	10/14/10 10:45	CHH	EPA 5035
SW846 8260B	10J3702	NTJ2269-08	6.10	5.00	10/14/10 15:25	CHH	EPA 5035

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

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						
10J3267-BLK1						
Benzene	<0.00110		mg/kg wet	10J3267	10J3267-BLK1	10/26/10 14:07
Ethylbenzene	<0.000980		mg/kg wet	10J3267	10J3267-BLK1	10/26/10 14:07
Naphthalene	<0.00170		mg/kg wet	10J3267	10J3267-BLK1	10/26/10 14:07
Toluene	<0.000890		mg/kg wet	10J3267	10J3267-BLK1	10/26/10 14:07
Xylenes, total	<0.00190		mg/kg wet	10J3267	10J3267-BLK1	10/26/10 14:07
Surrogate: 1,2-Dichloroethane-d4	103%			10J3267	10J3267-BLK1	10/26/10 14:07
Surrogate: Dibromofluoromethane	105%			10J3267	10J3267-BLK1	10/26/10 14:07
Surrogate: Toluene-d8	99%			10J3267	10J3267-BLK1	10/26/10 14:07
Surrogate: 4-Bromofluorobenzene	104%			10J3267	10J3267-BLK1	10/26/10 14:07
10J3702-BLK1						
Benzene	<0.00110		mg/kg wet	10J3702	10J3702-BLK1	10/26/10 00:21
Ethylbenzene	<0.000980		mg/kg wet	10J3702	10J3702-BLK1	10/26/10 00:21
Naphthalene	<0.00170		mg/kg wet	10J3702	10J3702-BLK1	10/26/10 00:21
Toluene	<0.000890		mg/kg wet	10J3702	10J3702-BLK1	10/26/10 00:21
Xylenes, total	<0.00190		mg/kg wet	10J3702	10J3702-BLK1	10/26/10 00:21
Surrogate: 1,2-Dichloroethane-d4	100%			10J3702	10J3702-BLK1	10/26/10 00:21
Surrogate: Dibromofluoromethane	107%			10J3702	10J3702-BLK1	10/26/10 00:21
Surrogate: Toluene-d8	99%			10J3702	10J3702-BLK1	10/26/10 00:21
Surrogate: 4-Bromofluorobenzene	107%			10J3702	10J3702-BLK1	10/26/10 00:21
10J4863-BLK1						
Benzene	<0.00110		mg/kg wet	10J4863	10J4863-BLK1	10/25/10 13:05
Ethylbenzene	<0.000980		mg/kg wet	10J4863	10J4863-BLK1	10/25/10 13:05
Naphthalene	<0.00170		mg/kg wet	10J4863	10J4863-BLK1	10/25/10 13:05
Toluene	<0.000890		mg/kg wet	10J4863	10J4863-BLK1	10/25/10 13:05
Xylenes, total	<0.00190		mg/kg wet	10J4863	10J4863-BLK1	10/25/10 13:05
Surrogate: 1,2-Dichloroethane-d4	96%			10J4863	10J4863-BLK1	10/25/10 13:05
Surrogate: Dibromofluoromethane	102%			10J4863	10J4863-BLK1	10/25/10 13:05
Surrogate: Toluene-d8	98%			10J4863	10J4863-BLK1	10/25/10 13:05
Surrogate: 4-Bromofluorobenzene	112%			10J4863	10J4863-BLK1	10/25/10 13:05
10J4863-BLK2						
Benzene	<0.0550		mg/kg wet	10J4863	10J4863-BLK2	10/25/10 13:34
Ethylbenzene	<0.0490		mg/kg wet	10J4863	10J4863-BLK2	10/25/10 13:34
Naphthalene	<0.0850		mg/kg wet	10J4863	10J4863-BLK2	10/25/10 13:34
Toluene	<0.0445		mg/kg wet	10J4863	10J4863-BLK2	10/25/10 13:34
Xylenes, total	<0.0950		mg/kg wet	10J4863	10J4863-BLK2	10/25/10 13:34
Surrogate: 1,2-Dichloroethane-d4	99%			10J4863	10J4863-BLK2	10/25/10 13:34
Surrogate: Dibromofluoromethane	97%			10J4863	10J4863-BLK2	10/25/10 13:34
Surrogate: Toluene-d8	100%			10J4863	10J4863-BLK2	10/25/10 13:34
Surrogate: 4-Bromofluorobenzene	106%			10J4863	10J4863-BLK2	10/25/10 13:34

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

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						
10J4963-BLK1						
Benzene	<0.00110		mg/kg wet	10J4963	10J4963-BLK1	10/25/10 17:22
Ethylbenzene	<0.000980		mg/kg wet	10J4963	10J4963-BLK1	10/25/10 17:22
Naphthalene	<0.00170		mg/kg wet	10J4963	10J4963-BLK1	10/25/10 17:22
Toluene	<0.000890		mg/kg wet	10J4963	10J4963-BLK1	10/25/10 17:22
Xylenes, total	<0.00190		mg/kg wet	10J4963	10J4963-BLK1	10/25/10 17:22
Surrogate: 1,2-Dichloroethane-d4	123%			10J4963	10J4963-BLK1	10/25/10 17:22
Surrogate: Dibromofluoromethane	112%			10J4963	10J4963-BLK1	10/25/10 17:22
Surrogate: Toluene-d8	94%			10J4963	10J4963-BLK1	10/25/10 17:22
Surrogate: 4-Bromofluorobenzene	98%			10J4963	10J4963-BLK1	10/25/10 17:22
Polyaromatic Hydrocarbons by EPA 8270D						
10J3714-BLK1						
Acenaphthene	<0.0140		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
Acenaphthylene	<0.0200		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
Anthracene	<0.00900		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
Benzo (a) anthracene	<0.0110		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
Benzo (a) pyrene	<0.00800		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
Benzo (b) fluoranthene	<0.0380		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
Benzo (g,h,i) perylene	<0.00900		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
Benzo (k) fluoranthene	<0.0370		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
Chrysene	<0.0310		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
Dibenz (a,h) anthracene	<0.0150		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
Fluoranthene	<0.0110		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
Fluorene	<0.0200		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
Indeno (1,2,3-cd) pyrene	<0.0310		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
Naphthalene	<0.0140		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
Phenanthrene	<0.0100		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
Pyrene	<0.0230		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
1-Methylnaphthalene	<0.0120		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
2-Methylnaphthalene	<0.0210		mg/kg wet	10J3714	10J3714-BLK1	10/24/10 01:37
Surrogate: Terphenyl-d14	72%			10J3714	10J3714-BLK1	10/24/10 01:37
Surrogate: 2-Fluorobiphenyl	60%			10J3714	10J3714-BLK1	10/24/10 01:37
Surrogate: Nitrobenzene-d5	61%			10J3714	10J3714-BLK1	10/24/10 01:37

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
10J3826-DUP1										
% Dry Solids	93.3	93.4		%	0.08	20	10J3826	NTJ1733-01		10/21/10 09:05

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

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								
10J3267-BS1								
Benzene	50.0	41.5		ug/kg	83%	78 - 126	10J3267	10/26/10 12:03
Ethylbenzene	50.0	45.1		ug/kg	90%	79 - 130	10J3267	10/26/10 12:03
Naphthalene	50.0	44.5		ug/kg	89%	72 - 150	10J3267	10/26/10 12:03
Toluene	50.0	43.6		ug/kg	87%	76 - 126	10J3267	10/26/10 12:03
Xylenes, total	150	132		ug/kg	88%	80 - 130	10J3267	10/26/10 12:03
Surrogate: 1,2-Dichloroethane-d4	50.0	48.8			98%	67 - 138	10J3267	10/26/10 12:03
Surrogate: Dibromofluoromethane	50.0	51.0			102%	75 - 125	10J3267	10/26/10 12:03
Surrogate: Toluene-d8	50.0	50.5			101%	76 - 129	10J3267	10/26/10 12:03
Surrogate: 4-Bromofluorobenzene	50.0	50.1			100%	67 - 147	10J3267	10/26/10 12:03
10J3702-BS1								
Benzene	50.0	44.1		ug/kg	88%	78 - 126	10J3702	10/25/10 22:53
Ethylbenzene	50.0	47.0		ug/kg	94%	79 - 130	10J3702	10/25/10 22:53
Naphthalene	50.0	45.7		ug/kg	91%	72 - 150	10J3702	10/25/10 22:53
Toluene	50.0	45.4		ug/kg	91%	76 - 126	10J3702	10/25/10 22:53
Xylenes, total	150	138		ug/kg	92%	80 - 130	10J3702	10/25/10 22:53
Surrogate: 1,2-Dichloroethane-d4	50.0	48.4			97%	67 - 138	10J3702	10/25/10 22:53
Surrogate: Dibromofluoromethane	50.0	52.0			104%	75 - 125	10J3702	10/25/10 22:53
Surrogate: Toluene-d8	50.0	50.5			101%	76 - 129	10J3702	10/25/10 22:53
Surrogate: 4-Bromofluorobenzene	50.0	49.7			99%	67 - 147	10J3702	10/25/10 22:53
10J4863-BS1								
Benzene	50.0	50.5		ug/kg	101%	78 - 126	10J4863	10/25/10 11:37
Ethylbenzene	50.0	56.8		ug/kg	114%	79 - 130	10J4863	10/25/10 11:37
Naphthalene	50.0	54.2		ug/kg	108%	72 - 150	10J4863	10/25/10 11:37
Toluene	50.0	54.6		ug/kg	109%	76 - 126	10J4863	10/25/10 11:37
Xylenes, total	150	169		ug/kg	113%	80 - 130	10J4863	10/25/10 11:37
Surrogate: 1,2-Dichloroethane-d4	50.0	47.6			95%	67 - 138	10J4863	10/25/10 11:37
Surrogate: Dibromofluoromethane	50.0	50.7			101%	75 - 125	10J4863	10/25/10 11:37
Surrogate: Toluene-d8	50.0	50.4			101%	76 - 129	10J4863	10/25/10 11:37
Surrogate: 4-Bromofluorobenzene	50.0	51.0			102%	67 - 147	10J4863	10/25/10 11:37
10J4963-BS1								
Benzene	50.0	45.1		ug/kg	90%	78 - 126	10J4963	10/25/10 16:00
Ethylbenzene	50.0	48.0		ug/kg	96%	79 - 130	10J4963	10/25/10 16:00
Naphthalene	50.0	55.5		ug/kg	111%	72 - 150	10J4963	10/25/10 16:00
Toluene	50.0	43.8		ug/kg	88%	76 - 126	10J4963	10/25/10 16:00
Xylenes, total	150	147		ug/kg	98%	80 - 130	10J4963	10/25/10 16:00
Surrogate: 1,2-Dichloroethane-d4	25.0	32.4			130%	67 - 138	10J4963	10/25/10 16:00
Surrogate: Dibromofluoromethane	25.0	28.1			112%	75 - 125	10J4963	10/25/10 16:00
Surrogate: Toluene-d8	25.0	24.2			97%	76 - 129	10J4963	10/25/10 16:00
Surrogate: 4-Bromofluorobenzene	25.0	24.5			98%	67 - 147	10J4963	10/25/10 16:00

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

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								
Polyaromatic Hydrocarbons by EPA 8270D								
10J3714-BS1								
Acenaphthene	1.67	1.40		mg/kg wet	84%	49 - 120	10J3714	10/23/10 16:58
Acenaphthylene	1.67	1.37		mg/kg wet	82%	52 - 120	10J3714	10/23/10 16:58
Anthracene	1.67	1.57		mg/kg wet	94%	58 - 120	10J3714	10/23/10 16:58
Benzo (a) anthracene	1.67	1.49		mg/kg wet	89%	57 - 120	10J3714	10/23/10 16:58
Benzo (a) pyrene	1.67	1.57		mg/kg wet	94%	55 - 120	10J3714	10/23/10 16:58
Benzo (b) fluoranthene	1.67	1.39		mg/kg wet	83%	51 - 123	10J3714	10/23/10 16:58
Benzo (g,h,i) perylene	1.67	1.53		mg/kg wet	92%	49 - 121	10J3714	10/23/10 16:58
Benzo (k) fluoranthene	1.67	1.62		mg/kg wet	97%	42 - 129	10J3714	10/23/10 16:58
Chrysene	1.67	1.45		mg/kg wet	87%	55 - 120	10J3714	10/23/10 16:58
Dibenz (a,h) anthracene	1.67	1.53		mg/kg wet	92%	50 - 123	10J3714	10/23/10 16:58
Fluoranthene	1.67	1.50		mg/kg wet	90%	58 - 120	10J3714	10/23/10 16:58
Fluorene	1.67	1.48		mg/kg wet	89%	54 - 120	10J3714	10/23/10 16:58
Indeno (1,2,3-cd) pyrene	1.67	1.53		mg/kg wet	92%	50 - 122	10J3714	10/23/10 16:58
Naphthalene	1.67	1.13		mg/kg wet	68%	28 - 120	10J3714	10/23/10 16:58
Phenanthrene	1.67	1.55		mg/kg wet	93%	56 - 120	10J3714	10/23/10 16:58
Pyrene	1.67	1.51		mg/kg wet	91%	56 - 120	10J3714	10/23/10 16:58
1-Methylnaphthalene	1.67	1.02		mg/kg wet	61%	36 - 120	10J3714	10/23/10 16:58
2-Methylnaphthalene	1.67	1.11		mg/kg wet	67%	36 - 120	10J3714	10/23/10 16:58
Surrogate: Terphenyl-d14	1.67	1.34			80%	18 - 120	10J3714	10/23/10 16:58
Surrogate: 2-Fluorobiphenyl	1.67	1.12			67%	14 - 120	10J3714	10/23/10 16:58
Surrogate: Nitrobenzene-d5	1.67	0.919			55%	17 - 120	10J3714	10/23/10 16:58

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

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												
10J3267-BSD1												
Benzene		48.4		ug/kg	50.0	97%	78 - 126	15	50	10J3267		10/26/10 12:34
Ethylbenzene		52.9		ug/kg	50.0	106%	79 - 130	16	50	10J3267		10/26/10 12:34
Naphthalene		51.8		ug/kg	50.0	104%	72 - 150	15	50	10J3267		10/26/10 12:34
Toluene		50.6		ug/kg	50.0	101%	76 - 126	15	50	10J3267		10/26/10 12:34
Xylenes, total		155		ug/kg	150	103%	80 - 130	16	50	10J3267		10/26/10 12:34
Surrogate: 1,2-Dichloroethane-d4		49.0		ug/kg	50.0	98%	67 - 138			10J3267		10/26/10 12:34
Surrogate: Dibromofluoromethane		51.7		ug/kg	50.0	103%	75 - 125			10J3267		10/26/10 12:34
Surrogate: Toluene-d8		50.4		ug/kg	50.0	101%	76 - 129			10J3267		10/26/10 12:34
Surrogate: 4-Bromofluorobenzene		50.2		ug/kg	50.0	100%	67 - 147			10J3267		10/26/10 12:34
10J3702-BSD1												
Benzene		52.1		ug/kg	50.0	104%	78 - 126	17	50	10J3702		10/25/10 23:22
Ethylbenzene		57.0		ug/kg	50.0	114%	79 - 130	19	50	10J3702		10/25/10 23:22
Naphthalene		54.7		ug/kg	50.0	109%	72 - 150	18	50	10J3702		10/25/10 23:22
Toluene		54.0		ug/kg	50.0	108%	76 - 126	17	50	10J3702		10/25/10 23:22
Xylenes, total		167		ug/kg	150	111%	80 - 130	19	50	10J3702		10/25/10 23:22
Surrogate: 1,2-Dichloroethane-d4		48.4		ug/kg	50.0	97%	67 - 138			10J3702		10/25/10 23:22
Surrogate: Dibromofluoromethane		52.2		ug/kg	50.0	104%	75 - 125			10J3702		10/25/10 23:22
Surrogate: Toluene-d8		49.5		ug/kg	50.0	99%	76 - 129			10J3702		10/25/10 23:22
Surrogate: 4-Bromofluorobenzene		49.1		ug/kg	50.0	98%	67 - 147			10J3702		10/25/10 23:22
10J4863-BSD1												
Benzene		45.7		ug/kg	50.0	91%	78 - 126	10	50	10J4863		10/25/10 12:06
Ethylbenzene		47.2		ug/kg	50.0	94%	79 - 130	19	50	10J4863		10/25/10 12:06
Naphthalene		45.0		ug/kg	50.0	90%	72 - 150	19	50	10J4863		10/25/10 12:06
Toluene		44.9		ug/kg	50.0	90%	76 - 126	19	50	10J4863		10/25/10 12:06
Xylenes, total		140		ug/kg	150	93%	80 - 130	19	50	10J4863		10/25/10 12:06
Surrogate: 1,2-Dichloroethane-d4		51.3		ug/kg	50.0	103%	67 - 138			10J4863		10/25/10 12:06
Surrogate: Dibromofluoromethane		55.6		ug/kg	50.0	111%	75 - 125			10J4863		10/25/10 12:06
Surrogate: Toluene-d8		50.0		ug/kg	50.0	100%	76 - 129			10J4863		10/25/10 12:06
Surrogate: 4-Bromofluorobenzene		50.8		ug/kg	50.0	102%	67 - 147			10J4863		10/25/10 12:06
10J4963-BSD1												
Benzene		48.2		ug/kg	50.0	96%	78 - 126	7	50	10J4963		10/25/10 16:27
Ethylbenzene		51.6		ug/kg	50.0	103%	79 - 130	7	50	10J4963		10/25/10 16:27
Naphthalene		59.3		ug/kg	50.0	119%	72 - 150	7	50	10J4963		10/25/10 16:27
Toluene		46.4		ug/kg	50.0	93%	76 - 126	6	50	10J4963		10/25/10 16:27
Xylenes, total		155		ug/kg	150	103%	80 - 130	5	50	10J4963		10/25/10 16:27
Surrogate: 1,2-Dichloroethane-d4		29.8		ug/kg	25.0	119%	67 - 138			10J4963		10/25/10 16:27
Surrogate: Dibromofluoromethane		27.8		ug/kg	25.0	111%	75 - 125			10J4963		10/25/10 16:27
Surrogate: Toluene-d8		24.0		ug/kg	25.0	96%	76 - 129			10J4963		10/25/10 16:27

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
10J4963-BSD1												
<i>Surrogate: 4-Bromofluorobenzene</i>		25.4		ug/kg	25.0	102%	67 - 147			10J4963		10/25/10 16:27
Polyaromatic Hydrocarbons by EPA 8270D												
10J3714-BSD1												
Acenaphthene		1.24		mg/kg wet	1.67	74%	49 - 120	12	40	10J3714		10/23/10 17:20
Acenaphthylene		1.30		mg/kg wet	1.67	78%	52 - 120	5	30	10J3714		10/23/10 17:20
Anthracene		1.45		mg/kg wet	1.67	87%	58 - 120	8	50	10J3714		10/23/10 17:20
Benzo (a) anthracene		1.43		mg/kg wet	1.67	86%	57 - 120	4	30	10J3714		10/23/10 17:20
Benzo (a) pyrene		1.42		mg/kg wet	1.67	85%	55 - 120	9	33	10J3714		10/23/10 17:20
Benzo (b) fluoranthene		1.39		mg/kg wet	1.67	83%	51 - 123	0.02	42	10J3714		10/23/10 17:20
Benzo (g,h,i) perylene		1.53		mg/kg wet	1.67	92%	49 - 121	0.4	32	10J3714		10/23/10 17:20
Benzo (k) fluoranthene		1.43		mg/kg wet	1.67	86%	42 - 129	12	39	10J3714		10/23/10 17:20
Chrysene		1.36		mg/kg wet	1.67	82%	55 - 120	6	34	10J3714		10/23/10 17:20
Dibenz (a,h) anthracene		1.55		mg/kg wet	1.67	93%	50 - 123	1	31	10J3714		10/23/10 17:20
Fluoranthene		1.46		mg/kg wet	1.67	88%	58 - 120	3	35	10J3714		10/23/10 17:20
Fluorene		1.36		mg/kg wet	1.67	82%	54 - 120	9	37	10J3714		10/23/10 17:20
Indeno (1,2,3-cd) pyrene		1.54		mg/kg wet	1.67	92%	50 - 122	0.7	32	10J3714		10/23/10 17:20
Naphthalene		1.03		mg/kg wet	1.67	62%	28 - 120	9	34	10J3714		10/23/10 17:20
Phenanthrene		1.46		mg/kg wet	1.67	87%	56 - 120	6	32	10J3714		10/23/10 17:20
Pyrene		1.49		mg/kg wet	1.67	90%	56 - 120	1	40	10J3714		10/23/10 17:20
1-Methylnaphthalene		0.966		mg/kg wet	1.67	58%	36 - 120	5	45	10J3714		10/23/10 17:20
2-Methylnaphthalene		1.02		mg/kg wet	1.67	61%	36 - 120	9	50	10J3714		10/23/10 17:20
<i>Surrogate: Terphenyl-d14</i>		1.31		mg/kg wet	1.67	79%	18 - 120			10J3714		10/23/10 17:20
<i>Surrogate: 2-Fluorobiphenyl</i>		1.06		mg/kg wet	1.67	64%	14 - 120			10J3714		10/23/10 17:20
<i>Surrogate: Nitrobenzene-d5</i>		0.901		mg/kg wet	1.67	54%	17 - 120			10J3714		10/23/10 17:20

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

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										
10J3267-MS1										
Benzene	ND	0.0578		mg/kg dry	0.0535	108%	42 - 141	10J3267	NTJ2036-13	10/28/10 00:57
Ethylbenzene	ND	0.0642		mg/kg dry	0.0535	120%	21 - 165	10J3267	NTJ2036-13	10/28/10 00:57
Naphthalene	0.00801	0.0718		mg/kg dry	0.0535	119%	10 - 160	10J3267	NTJ2036-13	10/28/10 00:57
Toluene	ND	0.0578		mg/kg dry	0.0535	108%	45 - 145	10J3267	NTJ2036-13	10/28/10 00:57
Xylenes, total	ND	0.202		mg/kg dry	0.160	126%	31 - 159	10J3267	NTJ2036-13	10/28/10 00:57
Surrogate: 1,2-Dichloroethane-d4		50.4		ug/kg	50.0	101%	67 - 138	10J3267	NTJ2036-13	10/28/10 00:57
Surrogate: Dibromofluoromethane		51.2		ug/kg	50.0	102%	75 - 125	10J3267	NTJ2036-13	10/28/10 00:57
Surrogate: Toluene-d8		51.4		ug/kg	50.0	103%	76 - 129	10J3267	NTJ2036-13	10/28/10 00:57
Surrogate: 4-Bromofluorobenzene		55.5		ug/kg	50.0	111%	67 - 147	10J3267	NTJ2036-13	10/28/10 00:57
10J3702-MS1										
Benzene	0.00546	0.0342		mg/kg dry	0.0548	52%	42 - 141	10J3702	NTJ2240-12	10/26/10 09:21
Ethylbenzene	0.00702	0.0390		mg/kg dry	0.0548	58%	21 - 165	10J3702	NTJ2240-12	10/26/10 09:21
Naphthalene	0.0187	0.0597		mg/kg dry	0.0548	75%	10 - 160	10J3702	NTJ2240-12	10/26/10 09:21
Toluene	0.00151	0.0358		mg/kg dry	0.0548	62%	45 - 145	10J3702	NTJ2240-12	10/26/10 09:21
Xylenes, total	0.0353	0.118		mg/kg dry	0.164	50%	31 - 159	10J3702	NTJ2240-12	10/26/10 09:21
Surrogate: 1,2-Dichloroethane-d4		53.8		ug/kg	50.0	108%	67 - 138	10J3702	NTJ2240-12	10/26/10 09:21
Surrogate: Dibromofluoromethane		50.3		ug/kg	50.0	101%	75 - 125	10J3702	NTJ2240-12	10/26/10 09:21
Surrogate: Toluene-d8		51.5		ug/kg	50.0	103%	76 - 129	10J3702	NTJ2240-12	10/26/10 09:21
Surrogate: 4-Bromofluorobenzene		54.5		ug/kg	50.0	109%	67 - 147	10J3702	NTJ2240-12	10/26/10 09:21
10J4863-MS1										
Benzene	0.0833	3.48		mg/kg wet	2.47	138%	42 - 141	10J4863	NTJ2240-08RE 2	10/25/10 19:29
Ethylbenzene	0.294	4.14		mg/kg wet	2.47	156%	21 - 165	10J4863	NTJ2240-08RE 2	10/25/10 19:29
Naphthalene	1.69	4.77		mg/kg wet	2.47	125%	10 - 160	10J4863	NTJ2240-08RE 2	10/25/10 19:29
Toluene	0.286	3.84		mg/kg wet	2.47	144%	45 - 145	10J4863	NTJ2240-08RE 2	10/25/10 19:29
Xylenes, total	3.54	16.1	M7	mg/kg wet	7.40	169%	31 - 159	10J4863	NTJ2240-08RE 2	10/25/10 19:29
Surrogate: 1,2-Dichloroethane-d4		48.1		ug/kg	50.0	96%	67 - 138	10J4863	NTJ2240-08RE 2	10/25/10 19:29
Surrogate: Dibromofluoromethane		51.7		ug/kg	50.0	103%	75 - 125	10J4863	NTJ2240-08RE 2	10/25/10 19:29
Surrogate: Toluene-d8		53.4		ug/kg	50.0	107%	76 - 129	10J4863	NTJ2240-08RE 2	10/25/10 19:29
Surrogate: 4-Bromofluorobenzene		51.9		ug/kg	50.0	104%	67 - 147	10J4863	NTJ2240-08RE 2	10/25/10 19:29
10J4963-MS1										
Benzene	0.142	3.03		mg/kg dry	5.58	52%	42 - 141	10J4963	NTJ2269-01	10/26/10 01:58

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

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										
10J4963-MS1										
Ethylbenzene	1.53	3.18		mg/kg dry	5.58	30%	21 - 165	10J4963	NTJ2269-01	10/26/10 01:58
Naphthalene	2.92	3.13	M8	mg/kg dry	5.58	4%	10 - 160	10J4963	NTJ2269-01	10/26/10 01:58
Toluene	ND	2.89		mg/kg dry	5.58	52%	45 - 145	10J4963	NTJ2269-01	10/26/10 01:58
Xylenes, total	2.82	9.52		mg/kg dry	16.7	40%	31 - 159	10J4963	NTJ2269-01	10/26/10 01:58
Surrogate: 1,2-Dichloroethane-d4		31.8		ug/kg	25.0	127%	67 - 138	10J4963	NTJ2269-01	10/26/10 01:58
Surrogate: Dibromofluoromethane		28.4		ug/kg	25.0	113%	75 - 125	10J4963	NTJ2269-01	10/26/10 01:58
Surrogate: Toluene-d8		24.0		ug/kg	25.0	96%	76 - 129	10J4963	NTJ2269-01	10/26/10 01:58
Surrogate: 4-Bromofluorobenzene		24.2		ug/kg	25.0	97%	67 - 147	10J4963	NTJ2269-01	10/26/10 01:58
Polyaromatic Hydrocarbons by EPA 8270D										
10J3714-MS1										
Acenaphthene	ND	1.10		mg/kg dry	1.86	59%	42 - 120	10J3714	NTJ2269-01	10/24/10 01:59
Acenaphthylene	ND	1.13		mg/kg dry	1.86	61%	32 - 120	10J3714	NTJ2269-01	10/24/10 01:59
Anthracene	ND	1.43		mg/kg dry	1.86	77%	10 - 200	10J3714	NTJ2269-01	10/24/10 01:59
Benzo (a) anthracene	ND	1.36		mg/kg dry	1.86	73%	41 - 120	10J3714	NTJ2269-01	10/24/10 01:59
Benzo (a) pyrene	ND	1.38		mg/kg dry	1.86	75%	33 - 121	10J3714	NTJ2269-01	10/24/10 01:59
Benzo (b) fluoranthene	ND	1.19		mg/kg dry	1.86	64%	26 - 137	10J3714	NTJ2269-01	10/24/10 01:59
Benzo (g,h,i) perylene	ND	1.23		mg/kg dry	1.86	66%	21 - 124	10J3714	NTJ2269-01	10/24/10 01:59
Benzo (k) fluoranthene	ND	1.35		mg/kg dry	1.86	73%	14 - 140	10J3714	NTJ2269-01	10/24/10 01:59
Chrysene	ND	1.27		mg/kg dry	1.86	68%	28 - 123	10J3714	NTJ2269-01	10/24/10 01:59
Dibenz (a,h) anthracene	ND	1.27		mg/kg dry	1.86	68%	25 - 127	10J3714	NTJ2269-01	10/24/10 01:59
Fluoranthene	ND	1.43		mg/kg dry	1.86	77%	38 - 120	10J3714	NTJ2269-01	10/24/10 01:59
Fluorene	ND	1.23		mg/kg dry	1.86	66%	41 - 120	10J3714	NTJ2269-01	10/24/10 01:59
Indeno (1,2,3-cd) pyrene	ND	1.26		mg/kg dry	1.86	68%	25 - 123	10J3714	NTJ2269-01	10/24/10 01:59
Naphthalene	ND	0.889		mg/kg dry	1.86	48%	25 - 120	10J3714	NTJ2269-01	10/24/10 01:59
Phenanthrene	ND	1.42		mg/kg dry	1.86	77%	37 - 120	10J3714	NTJ2269-01	10/24/10 01:59
Pyrene	ND	1.26		mg/kg dry	1.86	68%	29 - 125	10J3714	NTJ2269-01	10/24/10 01:59
1-Methylnaphthalene	ND	0.811		mg/kg dry	1.86	44%	19 - 120	10J3714	NTJ2269-01	10/24/10 01:59
2-Methylnaphthalene	ND	0.856		mg/kg dry	1.86	46%	11 - 120	10J3714	NTJ2269-01	10/24/10 01:59
Surrogate: Terphenyl-d14		1.11		mg/kg dry	1.86	60%	18 - 120	10J3714	NTJ2269-01	10/24/10 01:59
Surrogate: 2-Fluorobiphenyl		0.887		mg/kg dry	1.86	48%	14 - 120	10J3714	NTJ2269-01	10/24/10 01:59
Surrogate: Nitrobenzene-d5		0.671		mg/kg dry	1.86	36%	17 - 120	10J3714	NTJ2269-01	10/24/10 01:59

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

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												
10J3267-MSD1												
Benzene	ND	0.0486		mg/kg dry	0.0536	91%	42 - 141	17	50	10J3267	NTJ2036-13	10/28/10 01:26
Ethylbenzene	ND	0.0542		mg/kg dry	0.0536	101%	21 - 165	17	50	10J3267	NTJ2036-13	10/28/10 01:26
Naphthalene	0.00801	0.0464		mg/kg dry	0.0536	72%	10 - 160	43	50	10J3267	NTJ2036-13	10/28/10 01:26
Toluene	ND	0.0494		mg/kg dry	0.0536	92%	45 - 145	16	50	10J3267	NTJ2036-13	10/28/10 01:26
Xylenes, total	ND	0.168		mg/kg dry	0.161	105%	31 - 159	18	50	10J3267	NTJ2036-13	10/28/10 01:26
Surrogate: 1,2-Dichloroethane-d4		50.9		ug/kg	50.0	102%	67 - 138			10J3267	NTJ2036-13	10/28/10 01:26
Surrogate: Dibromofluoromethane		53.1		ug/kg	50.0	106%	75 - 125			10J3267	NTJ2036-13	10/28/10 01:26
Surrogate: Toluene-d8		51.6		ug/kg	50.0	103%	76 - 129			10J3267	NTJ2036-13	10/28/10 01:26
Surrogate: 4-Bromofluorobenzene		53.6		ug/kg	50.0	107%	67 - 147			10J3267	NTJ2036-13	10/28/10 01:26
10J3702-MSD1												
Benzene	0.00546	0.0481		mg/kg dry	0.0548	78%	42 - 141	34	50	10J3702	NTJ2240-12	10/26/10 09:45
Ethylbenzene	0.00702	0.0571		mg/kg dry	0.0548	91%	21 - 165	38	50	10J3702	NTJ2240-12	10/26/10 09:45
Naphthalene	0.0187	0.0523		mg/kg dry	0.0548	61%	10 - 160	13	50	10J3702	NTJ2240-12	10/26/10 09:45
Toluene	0.00151	0.0528		mg/kg dry	0.0548	94%	45 - 145	39	50	10J3702	NTJ2240-12	10/26/10 09:45
Xylenes, total	0.0353	0.167		mg/kg dry	0.164	80%	31 - 159	35	50	10J3702	NTJ2240-12	10/26/10 09:45
Surrogate: 1,2-Dichloroethane-d4		46.8		ug/kg	50.0	94%	67 - 138			10J3702	NTJ2240-12	10/26/10 09:45
Surrogate: Dibromofluoromethane		49.2		ug/kg	50.0	98%	75 - 125			10J3702	NTJ2240-12	10/26/10 09:45
Surrogate: Toluene-d8		51.1		ug/kg	50.0	102%	76 - 129			10J3702	NTJ2240-12	10/26/10 09:45
Surrogate: 4-Bromofluorobenzene		53.8		ug/kg	50.0	108%	67 - 147			10J3702	NTJ2240-12	10/26/10 09:45
10J4863-MSD1												
Benzene	0.0833	2.67		mg/kg wet	2.47	105%	42 - 141	26	50	10J4863	NTJ2240-08RE 2	10/25/10 19:58
Ethylbenzene	0.294	3.18		mg/kg wet	2.47	117%	21 - 165	26	50	10J4863	NTJ2240-08RE 2	10/25/10 19:58
Naphthalene	1.69	3.95		mg/kg wet	2.47	92%	10 - 160	19	50	10J4863	NTJ2240-08RE 2	10/25/10 19:58
Toluene	0.286	2.91		mg/kg wet	2.47	107%	45 - 145	27	50	10J4863	NTJ2240-08RE 2	10/25/10 19:58
Xylenes, total	3.54	12.5		mg/kg wet	7.40	121%	31 - 159	25	50	10J4863	NTJ2240-08RE 2	10/25/10 19:58
Surrogate: 1,2-Dichloroethane-d4		49.3		ug/kg	50.0	99%	67 - 138			10J4863	NTJ2240-08RE 2	10/25/10 19:58
Surrogate: Dibromofluoromethane		52.6		ug/kg	50.0	105%	75 - 125			10J4863	NTJ2240-08RE 2	10/25/10 19:58
Surrogate: Toluene-d8		52.3		ug/kg	50.0	105%	76 - 129			10J4863	NTJ2240-08RE 2	10/25/10 19:58
Surrogate: 4-Bromofluorobenzene		50.9		ug/kg	50.0	102%	67 - 147			10J4863	NTJ2240-08RE 2	10/25/10 19:58
10J4963-MSD1												
Benzene	0.142	2.88		mg/kg dry	5.58	49%	42 - 141	5	50	10J4963	NTJ2269-01	10/26/10 02:25
Ethylbenzene	1.53	3.03		mg/kg dry	5.58	27%	21 - 165	5	50	10J4963	NTJ2269-01	10/26/10 02:25
Naphthalene	2.92	2.93	M8	mg/kg dry	5.58	0%	10 - 160	7	50	10J4963	NTJ2269-01	10/26/10 02:25

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

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												
10J4963-MSD1												
Toluene	ND	2.79		mg/kg dry	5.58	50%	45 - 145	3	50	10J4963	NTJ2269-01	10/26/10 02:25
Xylenes, total	2.82	9.20		mg/kg dry	16.7	38%	31 - 159	3	50	10J4963	NTJ2269-01	10/26/10 02:25
Surrogate: 1,2-Dichloroethane-d4		31.5		ug/kg	25.0	126%	67 - 138			10J4963	NTJ2269-01	10/26/10 02:25
Surrogate: Dibromofluoromethane		26.6		ug/kg	25.0	107%	75 - 125			10J4963	NTJ2269-01	10/26/10 02:25
Surrogate: Toluene-d8		23.5		ug/kg	25.0	94%	76 - 129			10J4963	NTJ2269-01	10/26/10 02:25
Surrogate: 4-Bromofluorobenzene		23.9		ug/kg	25.0	96%	67 - 147			10J4963	NTJ2269-01	10/26/10 02:25
Polyaromatic Hydrocarbons by EPA 8270D												
10J3714-MSD1												
Acenaphthene	ND	1.41		mg/kg dry	1.87	75%	42 - 120	25	40	10J3714	NTJ2269-01	10/24/10 02:20
Acenaphthylene	ND	1.45		mg/kg dry	1.87	77%	32 - 120	25	30	10J3714	NTJ2269-01	10/24/10 02:20
Anthracene	ND	1.63		mg/kg dry	1.87	87%	10 - 200	13	50	10J3714	NTJ2269-01	10/24/10 02:20
Benzo (a) anthracene	ND	1.54		mg/kg dry	1.87	82%	41 - 120	12	30	10J3714	NTJ2269-01	10/24/10 02:20
Benzo (a) pyrene	ND	1.59		mg/kg dry	1.87	85%	33 - 121	14	33	10J3714	NTJ2269-01	10/24/10 02:20
Benzo (b) fluoranthene	ND	1.62		mg/kg dry	1.87	87%	26 - 137	31	42	10J3714	NTJ2269-01	10/24/10 02:20
Benzo (g,h,i) perylene	ND	1.42		mg/kg dry	1.87	76%	21 - 124	14	32	10J3714	NTJ2269-01	10/24/10 02:20
Benzo (k) fluoranthene	ND	1.47		mg/kg dry	1.87	79%	14 - 140	9	39	10J3714	NTJ2269-01	10/24/10 02:20
Chrysene	ND	1.46		mg/kg dry	1.87	78%	28 - 123	14	34	10J3714	NTJ2269-01	10/24/10 02:20
Dibenz (a,h) anthracene	ND	1.46		mg/kg dry	1.87	78%	25 - 127	14	31	10J3714	NTJ2269-01	10/24/10 02:20
Fluoranthene	ND	1.58		mg/kg dry	1.87	84%	38 - 120	9	35	10J3714	NTJ2269-01	10/24/10 02:20
Fluorene	ND	1.48		mg/kg dry	1.87	79%	41 - 120	19	37	10J3714	NTJ2269-01	10/24/10 02:20
Indeno (1,2,3-cd) pyrene	ND	1.46		mg/kg dry	1.87	78%	25 - 123	15	32	10J3714	NTJ2269-01	10/24/10 02:20
Naphthalene	ND	1.16		mg/kg dry	1.87	62%	25 - 120	27	42	10J3714	NTJ2269-01	10/24/10 02:20
Phenanthrene	ND	1.57		mg/kg dry	1.87	84%	37 - 120	10	32	10J3714	NTJ2269-01	10/24/10 02:20
Pyrene	ND	1.47		mg/kg dry	1.87	78%	29 - 125	15	40	10J3714	NTJ2269-01	10/24/10 02:20
1-Methylnaphthalene	ND	1.13		mg/kg dry	1.87	60%	19 - 120	33	45	10J3714	NTJ2269-01	10/24/10 02:20
2-Methylnaphthalene	ND	1.14		mg/kg dry	1.87	61%	11 - 120	29	50	10J3714	NTJ2269-01	10/24/10 02:20
Surrogate: Terphenyl-d14		1.33		mg/kg dry	1.87	71%	18 - 120			10J3714	NTJ2269-01	10/24/10 02:20
Surrogate: 2-Fluorobiphenyl		1.09		mg/kg dry	1.87	58%	14 - 120			10J3714	NTJ2269-01	10/24/10 02:20
Surrogate: Nitrobenzene-d5		0.977		mg/kg dry	1.87	52%	17 - 120			10J3714	NTJ2269-01	10/24/10 02:20

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

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			

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

Work Order: NTJ2269
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 10/16/10 08:30

DATA QUALIFIERS AND DEFINITIONS

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.

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).

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

THE LEADER IN ENVIRONMENTAL TESTING

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

Compliance Monitoring? Yes _____ No _____
Enforcement Action? Yes _____ No _____

Sampler Signature:**Project #:**

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Ice	Preservative										Matrix						Analyze For:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
								HNO ₃ (Red Label)	HClO ₄ (Blue Label)	NaOH (Orange Label)	H ₂ SO ₄ Plastic (Yellow Label)	H ₂ SO ₄ Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	BTEX + Napth - 8260E	PAH - 8270C	NTJ2269	1/01/10 23:59																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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ATTACHMENT A



NON-HAZARDOUS MANIFEST

CWM

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of 1					
3. Generator's Name and Mailing Address MCAS, Beaufort Lafayette Housing Beaufort SC 29904				A. Manifest Number WMNA 10285580							
4. Generator's Phone 843 228-8400				B. State Generator's ID							
5. Transporter 1 Company Name EEG, Inc.		6. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone 843 879-0411					
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone					
9. Designated Facility Name and Site Address HICKORY HILL LANDFILL ROUTE 1, BOX 121 HICKORY HILL SC 29928		10. US EPA ID Number		G. State Facility's ID		H. Facility's Phone 843 887-4843					
11. Description of Waste Materials				12. Containers No. Type		13. Total Quantity		14. Unit Wt./Vol.		15. Misc. Comments	
a. Leaking Oil Tank Filled with Sand				0 0 1							
WM Profile # 10285580											
b.											
WM Profile #											
c.											
WM Profile #											
d.											
WM Profile #											
J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____				K. Disposal Location Cell _____ Level _____ Grid _____							
15. Special Handling Instructions and Additional Information 0757 Albacore 0757 Albacore 0757 Albacore 0757 Bluebell 0757 Albacore 0757 Albacore Purchase Order # 0757 Albacore EMERGENCY CONTACT:											
16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.											
Printed/Typed Name John C. Hester				Signature "On behalf of" John C. Hester				Month Day Year 11 08 97			
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed/Typed Name John C. Hester				Signature John C. Hester				Month Day Year 11 08 97			
18. Transporter 2 Acknowledgement of Receipt of Materials											
Printed/Typed Name				Signature				Month Day Year			
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.											
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.											
Printed/Typed Name John C. Hester				Signature John C. Hester				Month Day Year 11 08 97			

Appendix C
Regulatory Correspondence

BOARD:
Paul C. Aughtry, III
Chairman
Edwin H. Cooper, III
Vice Chairman
Steven G. Kisner
Secretary



C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment

Bureau of Land and Waste Management
Division of Waste Management

BOARD:
Henry C. Scott
M. David Mitchell, MD
Glenn A. McCall
Coleman F. Buckhouse, MD

July 7, 2011

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

RE: No Further Action
Laurel Bay Underground Storage Tank Assessment Report for:

- | | | | | |
|----------------|--------------|--------------|--------------|-------------|
| • 824 Azalea | • 826 Azalea | • 827 Azalea | • 829 Azalea | • 884 Cobia |
| • 830 Azalea | • 833 Azalea | • 839 Azalea | • 843 Azalea | • 885 Cobia |
| • 937 Albacore | • 754 Althea | • 756 Althea | • 758 Althea | • 887 Cobia |
| • 836 Azalea | • 838 Azalea | • 845 Azalea | • 847 Azalea | • 881 Cobia |
| • 863 Azalea | • 867 Cobia | • 870 Cobia | • 871 Cobia | • 881 Cobia |
| • 877 Cobia | • 876 Cobia | | | |

Dear Mr. Drawdy,

The South Carolina Department of Health and Environmental Control (the Department) received the above referenced Underground Storage Tanks (USTs) Assessment Report on February 17, 2011 for the addresses listed above.

The Department has reviewed the referenced assessment report and agrees there is no indication of soil or groundwater contamination on this property, and therefore no further investigation is required at this time.

Please note that the Department's decision is based on information provided by the Marine Corp 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 picketcn@dhec.sc.gov or 803-896-4131.

Sincerely,

Christi Pickett
Corrective Action Engineering Section
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control

cc: Laurel Rhoten (via email)
Craig Ehde (via email)