

SUMMARY REPORT
312 EAGLE LANE (FORMERLY 1409 EAGLE LANE)
LAUREL BAY MILITARY HOUSING AREA
MARINE CORPS AIR STATION BEAUFORT
BEAUFORT, SC

Revision: 0
Prepared for:

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

and



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

JUNE 2021

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Prepared by:



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

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

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List of Acronyms

bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
CTO	Contract Task Order
COPC	constituents of potential concern
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 312 Eagle Lane (Formerly 1409 Eagle Lane). This NFA determination indicates that there are no unacceptable risks to human health or the environment for the petroleum constituents associated with the home heating oil USTs. The following information is included in this report:

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

1.1 Background Information

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

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

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

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

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 312 Eagle Lane (Formerly 1409 Eagle Lane). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 1409 Eagle Lane* (MCAS Beaufort, 2009). The UST Assessment Report is provided in Appendix B.

2.1 UST Removal and Soil Sampling

On July 29, 2009, a single 280 gallon heating oil UST was removed from the front yard adjacent to the porch area at 312 Eagle Lane (Formerly 1409 Eagle Lane). 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 6'2" 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 312 Eagle Lane (Formerly 1409 Eagle Lane) 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 312 Eagle Lane (Formerly 1409 Eagle Lane). This NFA determination was obtained in a letter dated March 25, 2010. SCDHEC's NFA letter is provided in Appendix C.

4.0 REFERENCES

Marine Corps Air Station Beaufort, 2009. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 1409 Eagle Lane, Laurel Bay Military Housing Area*, November 2009.

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
312 Eagle Lane (Formerly 1409 Eagle Lane)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs ⁽¹⁾	Results Sample Collected 07/29/09
Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)		
Benzene	0.003	ND
Ethylbenzene	1.15	ND
Naphthalene	0.036	ND
Toluene	0.627	ND
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

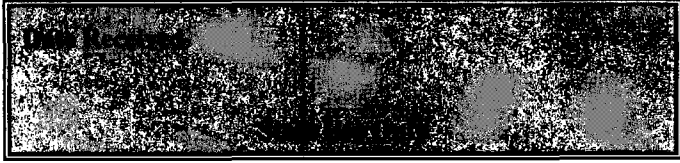
Appendix A
Multi-Media Selection Process for LBMH



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	
1409 Eagle Lane, Laurel Bay Military Housing Area	
Street Address or State Road (as applicable)	
Beaufort,	Beaufort
City	County

III. INSURANCE INFORMATION

Insurance Statement

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

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

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

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

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

IV. REQUEST FOR SUPERB FUNDING

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

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

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

Name (Type or print.)

Signature

To be completed by Notary Public:

Sworn before me this _____ day of _____, 20____

(Name)

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

VI. UST INFORMATION

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

1409Eagle				
Heating oil				
280 gal				
Late 1950s				
Steel				
Mid 1980s				
6'2"				
No				
No				
Removed				
7/29/09				
Yes				
Yes				

- M. Method of disposal for any USTs removed from the ground (attach disposal manifests)
UST 1409Eagle 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 1409Eagle had been previously filled with sand by others.
-
- O. If any corrosion, pitting, or holes were observed, describe the location and extent for each UST
Corrosion, pitting and holes were found throughout the tank.

VII. PIPING INFORMATION

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

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

C. Number of Dispensers.....

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

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

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

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

H. Age.....

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

1409Eagle				
Steel & Copper				
N/A				
N/A				
Suction				
Yes				
Yes				
No				
Late 1950s				

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

VIII. BRIEF SITE DESCRIPTION AND HISTORY

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

IX. SITE CONDITIONS

	Yes	No	Unk
A. Were any petroleum-stained or contaminated soils found in the UST excavation, soil borings, trenches, or monitoring wells? If yes, indicate depth and location on the site map.		X	
B. Were any petroleum odors detected in the excavation, soil borings, trenches, or monitoring wells? *Mild odor noted in excavation. 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 96012001

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA #
1409 Eagle	Excav at fill end	Soil	Sandy	6'2"	7/29/09 0950 hrs	P. Shaw	
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

* = Depth Below the Surrounding Land Surface

XI. SAMPLING METHODOLOGY

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

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

XII. RECEPTORS

	Yes	No
A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system? If yes, indicate type of receptor, distance, and direction on site map.		X
B. Are there any public, private, or irrigation water supply wells within 1000 feet of the UST system? If yes, indicate type of well, distance, and direction on site map.		X
C. Are there any underground structures (e.g., basements) Located within 100 feet of the UST system? If yes, indicate type of structure, distance, and direction on site map.		X
D. Are there any underground utilities (e.g., telephone, electricity, gas, water, sewer, storm drain) located within 100 feet of the UST system that could potentially come in contact with the contamination? *Sewer & water 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

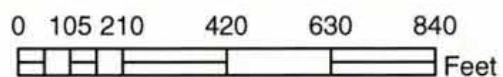
XIII. SITE MAP

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)



1409 EAGLE LANE



SBG-EEG, Inc.

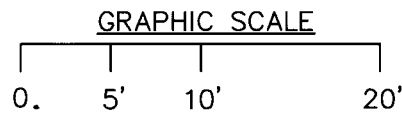
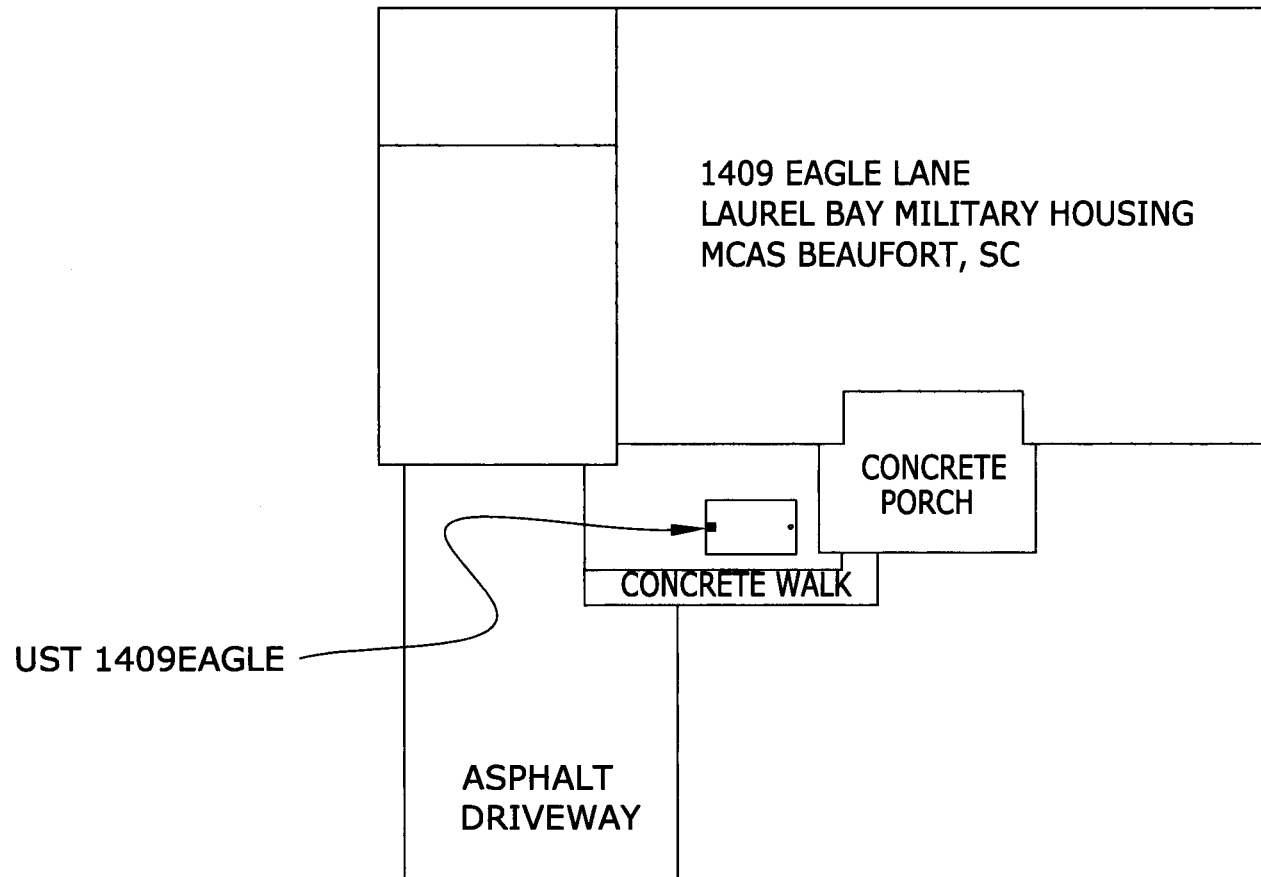
Small Business Group, Inc.
10179 Hwy 78
Ladson, SC 29456

Ph. (843) 879-0400

Drawn By: L. DiAsio

Dwg Date: Aug 2009

FIGURE 1: LOCATION MAP
1409 EAGLE LANE, LAUREL BAY
MCAS BEAUFORT SC



SBG-EEG

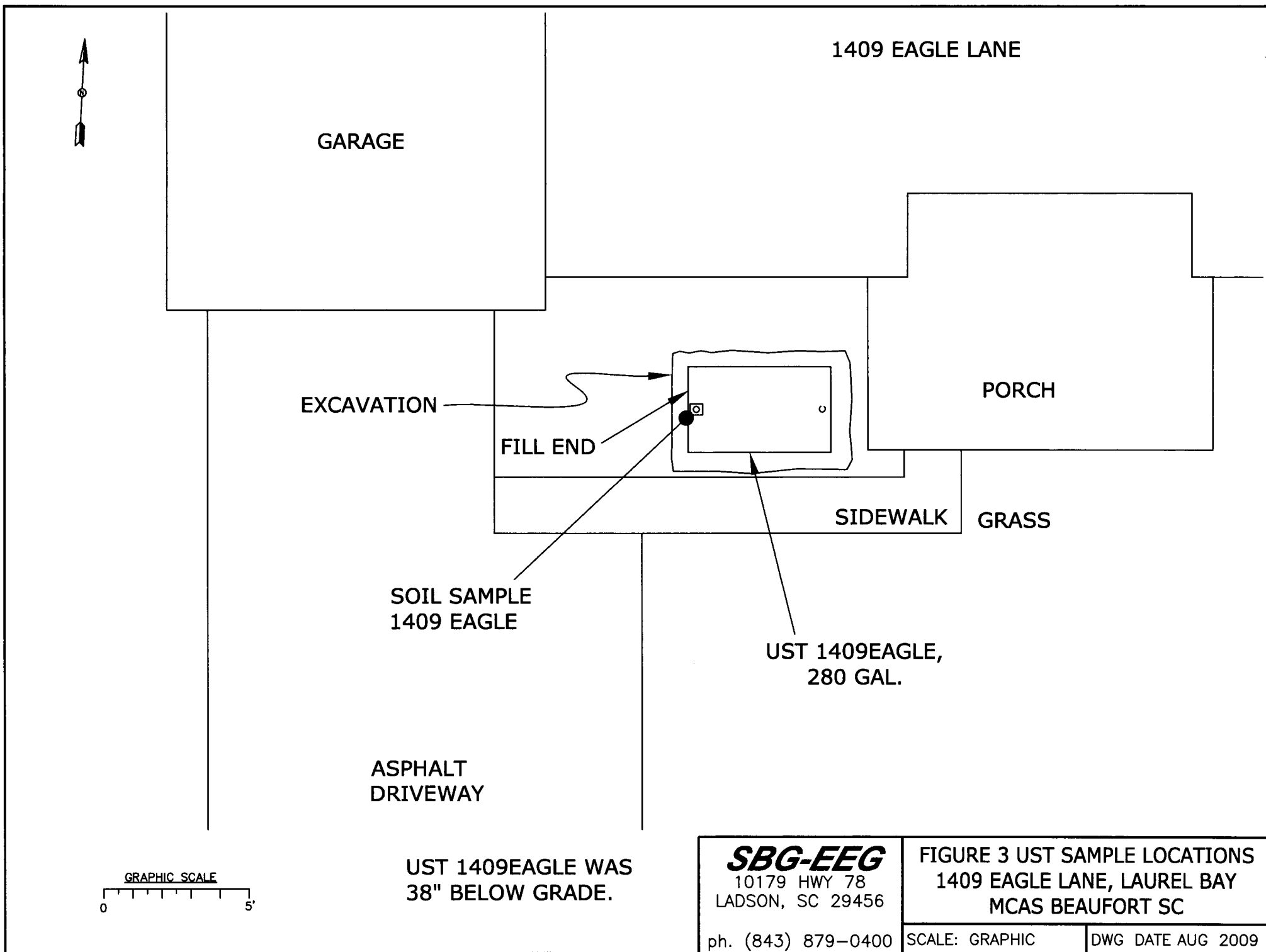
10179 HWY 78
LADSON, SC 29456

ph. (843) 879-0400

FIGURE 2 SITE MAP
1409 EAGLE LANE, LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC

DWG DATE AUG 2009





Picture 1: Location of UST 1409Eagle prior to removal.

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	1409Eagle						
Benzene		ND						
Toluene		ND						
Ethylbenzene		ND						
Xylenes		ND						
Naphthalene		ND						
Benzo (a) anthracene		ND						
Benzo (b) fluoranthene		ND						
Benzo (k) fluoranthene		ND						
Chrysene		ND						
Dibenz (a, h) anthracene		ND						
TPH (EPA 3550)								

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

SUMMARY OF ANALYSIS RESULTS (cont'd)

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

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

XV. ANALYTICAL RESULTS

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

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

August 17, 2009

4:06:14PM

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Nbr: [none]
P/O Nbr: 08087
Date Received: 07/31/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
1409 Eagle	NSG2788-01	07/29/09 09:50
1406 Eagle	NSG2788-02	07/29/09 09:45
1412 Eagle	NSG2788-03	07/29/09 14:10
1411 Eagle-1	NSG2788-04	07/29/09 14:25
1411 Eagle-2	NSG2788-05	07/30/09 09:45
1413 Albatross	NSG2788-06	07/30/09 10:15
1414 Albatross	NSG2788-07	07/30/09 14:15
1422 Albatross	NSG2788-08	07/30/09 13:45

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

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

South Carolina Certification Number: 84009001

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

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

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

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Cathy Gartner

Project Management

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSG2788-01 (1409 Eagle - Soil) Sampled: 07/29/09 09:50								
General Chemistry Parameters								
% Dry Solids	82.4		%	0.500	1	08/12/09 13:02	SW-846	9081656
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00231	1	08/09/09 16:05	SW846 8260B	9080050
Ethylbenzene	ND		mg/kg dry	0.00231	1	08/09/09 16:05	SW846 8260B	9080050
Naphthalene	ND		mg/kg dry	0.00577	1	08/09/09 16:05	SW846 8260B	9080050
Toluene	ND		mg/kg dry	0.00231	1	08/09/09 16:05	SW846 8260B	9080050
Xylenes, total	ND		mg/kg dry	0.00577	1	08/09/09 16:05	SW846 8260B	9080050
Surr: 1,2-Dichloroethane-d4 (67-138%)	104 %					08/09/09 16:05	SW846 8260B	9080050
Surr: Dibromofluoromethane (75-125%)	100 %					08/09/09 16:05	SW846 8260B	9080050
Surr: Toluene-d8 (76-129%)	104 %					08/09/09 16:05	SW846 8260B	9080050
Surr: 4-Bromofluorobenzene (67-147%)	103 %					08/09/09 16:05	SW846 8260B	9080050
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
Acenaphthylene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
Anthracene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
Benzo (a) anthracene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
Benzo (a) pyrene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
Benzo (b) fluoranthene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
Benzo (k) fluoranthene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
Chrysene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
Fluoranthene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
Fluorene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
Naphthalene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
Phenanthrene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
Pyrene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
1-Methylnaphthalene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
2-Methylnaphthalene	ND		mg/kg dry	0.0813	1	08/13/09 21:09	SW846 8270D	9081287
Surr: Terphenyl-d14 (18-120%)	93 %					08/13/09 21:09	SW846 8270D	9081287
Surr: 2-Fluorobiphenyl (14-120%)	75 %					08/13/09 21:09	SW846 8270D	9081287
Surr: Nitrobenzene-d5 (17-120%)	77 %					08/13/09 21:09	SW846 8270D	9081287

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSG2788-02 (1406 Eagle - Soil) Sampled: 07/29/09 09:45								
General Chemistry Parameters								
% Dry Solids	76.9		%	0.500	1	08/12/09 13:02	SW-846	9081656
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00225	1	08/09/09 16:35	SW846 8260B	9080050
Ethylbenzene	ND	RL1	mg/kg dry	0.119	50	08/10/09 14:02	SW846 8260B	9080198
Naphthalene	2.44		mg/kg dry	0.298	50	08/10/09 14:02	SW846 8260B	9080198
Toluene	ND	RL1	mg/kg dry	0.119	50	08/10/09 14:02	SW846 8260B	9080198
Xylenes, total	0.450		mg/kg dry	0.298	50	08/10/09 14:02	SW846 8260B	9080198
Surr: 1,2-Dichloroethane-d4 (67-138%)	118 %					08/09/09 16:35	SW846 8260B	9080050
Surr: 1,2-Dichloroethane-d4 (67-138%)	98 %					08/10/09 14:02	SW846 8260B	9080198
Surr: Dibromofluoromethane (75-125%)	117 %					08/09/09 16:35	SW846 8260B	9080050
Surr: Dibromofluoromethane (75-125%)	96 %					08/10/09 14:02	SW846 8260B	9080198
Surr: Toluene-d8 (76-129%)	127 %					08/09/09 16:35	SW846 8260B	9080050
Surr: Toluene-d8 (76-129%)	92 %					08/10/09 14:02	SW846 8260B	9080198
Surr: 4-Bromofluorobenzene (67-147%)	231 %	ZX				08/09/09 16:35	SW846 8260B	9080050
Surr: 4-Bromofluorobenzene (67-147%)	109 %					08/10/09 14:02	SW846 8260B	9080198
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	1.51		mg/kg dry	0.0858	1	08/13/09 21:32	SW846 8270D	9081287
Acenaphthylene	ND		mg/kg dry	0.0858	1	08/13/09 21:32	SW846 8270D	9081287
Anthracene	1.25		mg/kg dry	0.0858	1	08/13/09 21:32	SW846 8270D	9081287
Benzo (a) anthracene	0.227		mg/kg dry	0.0858	1	08/13/09 21:32	SW846 8270D	9081287
Benzo (a) pyrene	ND		mg/kg dry	0.0858	1	08/13/09 21:32	SW846 8270D	9081287
Benzo (b) fluoranthene	0.0990		mg/kg dry	0.0858	1	08/13/09 21:32	SW846 8270D	9081287
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0858	1	08/13/09 21:32	SW846 8270D	9081287
Benzo (k) fluoranthene	0.0892		mg/kg dry	0.0858	1	08/13/09 21:32	SW846 8270D	9081287
Chrysene	0.272		mg/kg dry	0.0858	1	08/13/09 21:32	SW846 8270D	9081287
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0858	1	08/13/09 21:32	SW846 8270D	9081287
Fluoranthene	0.983		mg/kg dry	0.0858	1	08/13/09 21:32	SW846 8270D	9081287
Fluorene	ND		mg/kg dry	0.0858	1	08/13/09 21:32	SW846 8270D	9081287
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0858	1	08/13/09 21:32	SW846 8270D	9081287
Naphthalene	1.92		mg/kg dry	0.0858	1	08/13/09 21:32	SW846 8270D	9081287
Phenanthrene	42.2		mg/kg dry	0.858	10	08/14/09 13:41	SW846 8270D	9081287
Pyrene	1.37		mg/kg dry	0.0858	1	08/13/09 21:32	SW846 8270D	9081287
1-Methylnaphthalene	117		mg/kg dry	3.43	40	08/14/09 15:57	SW846 8270D	9081287
2-Methylnaphthalene	4.09		mg/kg dry	0.0858	1	08/13/09 21:32	SW846 8270D	9081287
Surr: Terphenyl-d14 (18-120%)	208 %	ZX				08/13/09 21:32	SW846 8270D	9081287
Surr: 2-Fluorobiphenyl (14-120%)	179 %	ZX				08/13/09 21:32	SW846 8270D	9081287
Surr: Nitrobenzene-d5 (17-120%)	123 %	ZX				08/13/09 21:32	SW846 8270D	9081287

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSG2788-03 (1412 Eagle - Soil) Sampled: 07/29/09 14:10								
General Chemistry Parameters								
% Dry Solids	86.8		%	0.500	1	08/12/09 13:02	SW-846	9081656
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	0.379		mg/kg dry	0.110	50	08/10/09 14:33	SW846 8260B	9080198
Ethylbenzene	3.73		mg/kg dry	0.110	50	08/10/09 14:33	SW846 8260B	9080198
Naphthalene	46.1		mg/kg dry	5.48	1000	08/10/09 15:04	SW846 8260B	9080198
Toluene	ND	RL1	mg/kg dry	0.110	50	08/10/09 14:33	SW846 8260B	9080198
Xylenes, total	15.1		mg/kg dry	0.274	50	08/10/09 14:33	SW846 8260B	9080198
Surr: 1,2-Dichloroethane-d4 (67-138%)	99 %					08/10/09 14:33	SW846 8260B	9080198
Surr: 1,2-Dichloroethane-d4 (67-138%)	99 %					08/10/09 15:04	SW846 8260B	9080198
Surr: Dibromofluoromethane (75-125%)	98 %					08/10/09 14:33	SW846 8260B	9080198
Surr: Dibromofluoromethane (75-125%)	97 %					08/10/09 15:04	SW846 8260B	9080198
Surr: Toluene-d8 (76-129%)	100 %					08/10/09 14:33	SW846 8260B	9080198
Surr: Toluene-d8 (76-129%)	95 %					08/10/09 15:04	SW846 8260B	9080198
Surr: 4-Bromofluorobenzene (67-147%)	112 %					08/10/09 14:33	SW846 8260B	9080198
Surr: 4-Bromofluorobenzene (67-147%)	102 %					08/10/09 15:04	SW846 8260B	9080198
Polyaromatic Hydrocarbons by EPA 8270D								
Accenaphthene	11.0		mg/kg dry	3.03	20	08/14/09 14:04	SW846 8270D	9081287
Accenaphthylene	4.79		mg/kg dry	3.03	20	08/14/09 14:04	SW846 8270D	9081287
Anthracene	3.36		mg/kg dry	3.03	20	08/14/09 14:04	SW846 8270D	9081287
Benzo (a) anthracene	ND	RL1	mg/kg dry	3.03	20	08/14/09 14:04	SW846 8270D	9081287
Benzo (a) pyrene	ND	RL1	mg/kg dry	3.03	20	08/14/09 14:04	SW846 8270D	9081287
Benzo (b) fluoranthene	ND	RL1	mg/kg dry	3.03	20	08/14/09 14:04	SW846 8270D	9081287
Benzo (g,h,i) perylene	ND	RL1	mg/kg dry	3.03	20	08/14/09 14:04	SW846 8270D	9081287
Benzo (k) fluoranthene	ND	RL1	mg/kg dry	3.03	20	08/14/09 14:04	SW846 8270D	9081287
Chrysene	ND	RL1	mg/kg dry	3.03	20	08/14/09 14:04	SW846 8270D	9081287
Dibenz (a,h) anthracene	ND	RL1	mg/kg dry	3.03	20	08/14/09 14:04	SW846 8270D	9081287
Fluoranthene	ND	RL1	mg/kg dry	3.03	20	08/14/09 14:04	SW846 8270D	9081287
Fluorene	19.2		mg/kg dry	3.03	20	08/14/09 14:04	SW846 8270D	9081287
Indeno (1,2,3-cd) pyrene	ND	RL1	mg/kg dry	3.03	20	08/14/09 14:04	SW846 8270D	9081287
Naphthalene	36.4		mg/kg dry	3.03	20	08/14/09 14:04	SW846 8270D	9081287
Phenanthrene	30.0		mg/kg dry	3.03	20	08/14/09 14:04	SW846 8270D	9081287
Pyrene	ND	RL1	mg/kg dry	3.03	20	08/14/09 14:04	SW846 8270D	9081287
1-Methylnaphthalene	136		mg/kg dry	7.57	50	08/15/09 21:34	SW846 8270D	9081287
2-Methylnaphthalene	227		mg/kg dry	7.57	50	08/15/09 21:34	SW846 8270D	9081287
Surr: Terphenyl-d14 (18-120%)	87 %	ZX				08/14/09 14:04	SW846 8270D	9081287
Surr: 2-Fluorobiphenyl (14-120%)	127 %	ZX				08/14/09 14:04	SW846 8270D	9081287
Surr: Nitrobenzene-d5 (17-120%)	122 %	ZX				08/14/09 14:04	SW846 8270D	9081287

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSG2788-04 (1411 Eagle-1 - Soil) Sampled: 07/29/09 14:25								
General Chemistry Parameters								
% Dry Solids	72.5		%	0.500	1	08/12/09 13:02	SW-846	9081656
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	0.00691		mg/kg dry	0.00279	1	08/09/09 17:37	SW846 8260B	9080050
Ethylbenzene	1.96		mg/kg dry	0.135	50	08/10/09 15:35	SW846 8260B	9080198
Naphthalene	27.1		mg/kg dry	6.75	1000	08/10/09 16:05	SW846 8260B	9080198
Toluene	ND	RLI	mg/kg dry	0.135	50	08/10/09 15:35	SW846 8260B	9080198
Xylenes, total	13.4		mg/kg dry	0.337	50	08/10/09 15:35	SW846 8260B	9080198
Surr: 1,2-Dichloroethane-d4 (67-138%)	104 %					08/09/09 17:37	SW846 8260B	9080050
Surr: 1,2-Dichloroethane-d4 (67-138%)	98 %					08/10/09 15:35	SW846 8260B	9080198
Surr: 1,2-Dichloroethane-d4 (67-138%)	101 %					08/10/09 16:05	SW846 8260B	9080198
Surr: Dibromofluoromethane (75-125%)	108 %					08/09/09 17:37	SW846 8260B	9080050
Surr: Dibromofluoromethane (75-125%)	95 %					08/10/09 15:35	SW846 8260B	9080198
Surr: Dibromofluoromethane (75-125%)	97 %					08/10/09 16:05	SW846 8260B	9080198
Surr: Toluene-d8 (76-129%)	604 %	ZX				08/09/09 17:37	SW846 8260B	9080050
Surr: Toluene-d8 (76-129%)	106 %					08/10/09 15:35	SW846 8260B	9080198
Surr: Toluene-d8 (76-129%)	98 %					08/10/09 16:05	SW846 8260B	9080198
Surr: 4-Bromofluorobenzene (67-147%)	610 %	ZX				08/09/09 17:37	SW846 8260B	9080050
Surr: 4-Bromofluorobenzene (67-147%)	119 %					08/10/09 15:35	SW846 8260B	9080198
Surr: 4-Bromofluorobenzene (67-147%)	104 %					08/10/09 16:05	SW846 8260B	9080198
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND	RLI	mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
Acenaphthylene	ND	RLI	mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
Anthracene	ND	RLI	mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
Benzo (a) anthracene	ND	RLI	mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
Benzo (a) pyrene	ND	RLI	mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
Benzo (b) fluoranthene	ND	RLI	mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
Benzo (g,h,i) perylene	ND	RLI	mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
Benzo (k) fluoranthene	ND	RLI	mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
Chrysene	ND	RLI	mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
Dibenz (a,h) anthracene	ND	RLI	mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
Fluoranthene	3.60		mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
Fluorene	4.43		mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
Indeno (1,2,3-cd) pyrene	ND	RLI	mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
Naphthalene	13.6		mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
Phenanthrene	9.03		mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
Pyrene	2.46		mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
1-Methylnaphthalene	43.5		mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
2-Methylnaphthalene	64.6		mg/kg dry	1.82	20	08/14/09 14:26	SW846 8270D	9081287
Surr: Terphenyl-d14 (18-120%)	80 %					08/14/09 14:26	SW846 8270D	9081287
Surr: 2-Fluorobiphenyl (14-120%)	95 %					08/14/09 14:26	SW846 8270D	9081287
Surr: Nitrobenzene-d5 (17-120%)	89 %					08/14/09 14:26	SW846 8270D	9081287

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSG2788-05 (1411 Eagle-2 - Soil) Sampled: 07/30/09 09:45								
General Chemistry Parameters								
% Dry Solids	82.6		%	0.500	1	08/12/09 13:02	SW-846	9081656
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00195	1	08/10/09 13:01	SW846 8260B	9080198
Ethylbenzene	ND	RL1	mg/kg dry	0.104	50	08/10/09 13:32	SW846 8260B	9080198
Naphthalene	9.27		mg/kg dry	0.260	50	08/10/09 13:32	SW846 8260B	9080198
Toluene	ND	RL1	mg/kg dry	0.104	50	08/10/09 13:32	SW846 8260B	9080198
Xylenes, total	0.860		mg/kg dry	0.260	50	08/10/09 13:32	SW846 8260B	9080198
Surr: 1,2-Dichloroethane-d4 (67-138%)	120 %					08/10/09 13:01	SW846 8260B	9080198
Surr: 1,2-Dichloroethane-d4 (67-138%)	100 %					08/10/09 13:32	SW846 8260B	9080198
Surr: Dibromofluoromethane (75-125%)	114 %					08/10/09 13:01	SW846 8260B	9080198
Surr: Dibromofluoromethane (75-125%)	98 %					08/10/09 13:32	SW846 8260B	9080198
Surr: Toluene-d8 (76-129%)	119 %					08/10/09 13:01	SW846 8260B	9080198
Surr: Toluene-d8 (76-129%)	98 %					08/10/09 13:32	SW846 8260B	9080198
Surr: 4-Bromofluorobenzene (67-147%)	224 %	ZX				08/10/09 13:01	SW846 8260B	9080198
Surr: 4-Bromofluorobenzene (67-147%)	106 %					08/10/09 13:32	SW846 8260B	9080198
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND	RL1	mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
Acenaphthylene	ND	RL1	mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
Anthracene	ND	RL1	mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
Benzo (a) anthracene	ND	RL1	mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
Benzo (a) pyrene	ND	RL1	mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
Benzo (b) fluoranthene	ND	RL1	mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
Benzo (g,h,i) perylene	ND	RL1	mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
Benzo (k) fluoranthene	ND	RL1	mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
Chrysene	ND	RL1	mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
Dibenz (a,h) anthracene	ND	RL1	mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
Fluoranthene	ND		mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
Fluorene	3.68		mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
Indeno (1,2,3-cd) pyrene	ND	RL1	mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
Naphthalene	3.37		mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
Phenanthrene	6.33		mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
Pyrene	ND	RL1	mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
1-Methylnaphthalene	16.5		mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
2-Methylnaphthalene	21.7		mg/kg dry	1.58	20	08/14/09 14:49	SW846 8270D	9081287
Surr: Terphenyl-d14 (18-120%)	65 %					08/14/09 14:49	SW846 8270D	9081287
Surr: 2-Fluorobiphenyl (14-120%)	70 %					08/14/09 14:49	SW846 8270D	9081287
Surr: Nitrobenzene-d5 (17-120%)	46 %					08/14/09 14:49	SW846 8270D	9081287

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSG2788-06 (1413 Albatross - Soil) Sampled: 07/30/09 10:15								
General Chemistry Parameters								
% Dry Solids	78.0		%	0.500	1	08/12/09 13:02	SW-846	9081656
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	RL1	mg/kg dry	0.117	50	08/10/09 16:36	SW846 8260B	9080198
Ethylbenzene	0.791		mg/kg dry	0.117	50	08/10/09 16:36	SW846 8260B	9080198
Ethylbenzene	0.812		mg/kg dry	0.233	100	08/11/09 14:09	SW846 8260B	9081549
Naphthalene	15.8		mg/kg dry	0.583	100	08/11/09 14:09	SW846 8260B	9081549
Toluene	0.179		mg/kg dry	0.117	50	08/10/09 16:36	SW846 8260B	9080198
Xylenes, total	3.19		mg/kg dry	0.291	50	08/10/09 16:36	SW846 8260B	9080198
Xylenes, total	3.45		mg/kg dry	0.583	100	08/11/09 14:09	SW846 8260B	9081549
Surr: 1,2-Dichloroethane-d4 (67-138%)	99 %					08/10/09 16:36	SW846 8260B	9080198
Surr: 1,2-Dichloroethane-d4 (67-138%)	97 %					08/11/09 14:09	SW846 8260B	9081549
Surr: Dibromofluoromethane (75-125%)	96 %					08/10/09 16:36	SW846 8260B	9080198
Surr: Dibromofluoromethane (75-125%)	98 %					08/11/09 14:09	SW846 8260B	9081549
Surr: Toluene-d8 (76-129%)	103 %					08/10/09 16:36	SW846 8260B	9080198
Surr: Toluene-d8 (76-129%)	106 %					08/11/09 14:09	SW846 8260B	9081549
Surr: 4-Bromofluorobenzene (67-147%)	100 %					08/10/09 16:36	SW846 8260B	9080198
Surr: 4-Bromofluorobenzene (67-147%)	109 %					08/11/09 14:09	SW846 8260B	9081549
Polyaromatic Hydrocarbons by EPA 8270D								
Accenaphthene	0.196		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
Accenaphthylene	0.0911		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
Anthracene	0.128		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
Benzo (a) anthracene	ND		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
Benzo (a) pyrene	ND		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
Benzo (b) fluoranthene	ND		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
Benzo (k) fluoranthene	ND		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
Chrysene	ND		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
Fluoranthene	0.189		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
Fluorene	0.495		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
Naphthalene	0.788		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
Phenanthrene	1.00		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
Pyrene	0.200		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
1-Methylnaphthalene	2.81		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
2-Methylnaphthalene	4.01		mg/kg dry	0.0855	1	08/13/09 23:03	SW846 8270D	9081287
Surr: Terphenyl-d14 (18-120%)	96 %					08/13/09 23:03	SW846 8270D	9081287
Surr: 2-Fluorobiphenyl (14-120%)	69 %					08/13/09 23:03	SW846 8270D	9081287
Surr: Nitrobenzene-d5 (17-120%)	72 %					08/13/09 23:03	SW846 8270D	9081287

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSG2788-07 (1414 Albatross - Soil) Sampled: 07/30/09 14:15								
General Chemistry Parameters								
% Dry Solids	86.3		%	0.500	1	08/12/09 13:02	SW-846	9081656
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	0.124		mg/kg dry	0.122	50	08/10/09 17:07	SW846 8260B	9080198
Ethylbenzene	1.72		mg/kg dry	0.122	50	08/10/09 17:07	SW846 8260B	9080198
Naphthalene	5.83		mg/kg dry	0.306	50	08/10/09 17:07	SW846 8260B	9080198
Toluene	1.28		mg/kg dry	0.122	50	08/10/09 17:07	SW846 8260B	9080198
Xylenes, total	6.43		mg/kg dry	0.306	50	08/10/09 17:07	SW846 8260B	9080198
Surr: 1,2-Dichloroethane-d4 (67-138%)	98 %					08/10/09 17:07	SW846 8260B	9080198
Surr: Dibromofluoromethane (75-125%)	95 %					08/10/09 17:07	SW846 8260B	9080198
Surr: Toluene-d8 (76-129%)	100 %					08/10/09 17:07	SW846 8260B	9080198
Surr: 4-Bromofluorobenzene (67-147%)	105 %					08/10/09 17:07	SW846 8260B	9080198
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.154	1	08/13/09 23:26	SW846 8270D	9081287
Acenaphthylene	ND		mg/kg dry	0.154	1	08/13/09 23:26	SW846 8270D	9081287
Anthracene	ND		mg/kg dry	0.154	1	08/13/09 23:26	SW846 8270D	9081287
Benzo (a) anthracene	3.26		mg/kg dry	0.154	1	08/13/09 23:26	SW846 8270D	9081287
Benzo (a) pyrene	0.946		mg/kg dry	0.154	1	08/13/09 23:26	SW846 8270D	9081287
Benzo (b) fluoranthene	1.56		mg/kg dry	0.154	1	08/13/09 23:26	SW846 8270D	9081287
Benzo (g,h,i) perylene	0.412		mg/kg dry	0.154	1	08/13/09 23:26	SW846 8270D	9081287
Benzo (k) fluoranthene	1.56		mg/kg dry	0.154	1	08/13/09 23:26	SW846 8270D	9081287
Chrysene	2.94		mg/kg dry	0.154	1	08/13/09 23:26	SW846 8270D	9081287
Dibenz (a,h) anthracene	0.179		mg/kg dry	0.154	1	08/13/09 23:26	SW846 8270D	9081287
Fluoranthene	8.61		mg/kg dry	0.770	5	08/14/09 15:11	SW846 8270D	9081287
Fluorene	ND		mg/kg dry	0.154	1	08/13/09 23:26	SW846 8270D	9081287
Indeno (1,2,3-cd) pyrene	0.450		mg/kg dry	0.154	1	08/13/09 23:26	SW846 8270D	9081287
Naphthalene	20.3		mg/kg dry	0.770	5	08/14/09 15:11	SW846 8270D	9081287
Phenanthrene	ND		mg/kg dry	0.154	1	08/13/09 23:26	SW846 8270D	9081287
Pyrene	10.8		mg/kg dry	0.770	5	08/14/09 15:11	SW846 8270D	9081287
1-Methylnaphthalene	48.6		mg/kg dry	3.08	20	08/15/09 21:56	SW846 8270D	9081287
2-Methylnaphthalene	74.5		mg/kg dry	3.08	20	08/15/09 21:56	SW846 8270D	9081287
Surr: Terphenyl-d14 (18-120%)	107 %					08/13/09 23:26	SW846 8270D	9081287
Surr: 2-Fluorobiphenyl (14-120%)	61 %					08/13/09 23:26	SW846 8270D	9081287
Surr: Nitrobenzene-d5 (17-120%)	36 %					08/13/09 23:26	SW846 8270D	9081287

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSG2788-08 (1422 Albatross - Soil) Sampled: 07/30/09 13:45								
General Chemistry Parameters								
% Dry Solids	77.6		%	0.500	1	08/12/09 13:02	SW-846	9081656
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	RL1	mg/kg dry	0.107	50	08/10/09 17:37	SW846 8260B	9080198
Ethylbenzene	ND	RL1	mg/kg dry	0.107	50	08/10/09 17:37	SW846 8260B	9080198
Naphthalene	2.62		mg/kg dry	0.268	50	08/10/09 17:37	SW846 8260B	9080198
Toluene	ND	RL1	mg/kg dry	0.107	50	08/10/09 17:37	SW846 8260B	9080198
Xylenes, total	ND	RL1	mg/kg dry	0.268	50	08/10/09 17:37	SW846 8260B	9080198
Surr: 1,2-Dichloroethane-d4 (67-138%)	96 %					08/10/09 17:37	SW846 8260B	9080198
Surr: Dibromofluoromethane (75-125%)	96 %					08/10/09 17:37	SW846 8260B	9080198
Surr: Toluene-d8 (76-129%)	101 %					08/10/09 17:37	SW846 8260B	9080198
Surr: 4-Bromofluorobenzene (67-147%)	109 %					08/10/09 17:37	SW846 8260B	9080198
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	1.02		mg/kg dry	0.0851	1	08/13/09 23:48	SW846 8270D	9081287
Accenaphthylene	ND		mg/kg dry	0.0851	1	08/13/09 23:48	SW846 8270D	9081287
Anthracene	2.32		mg/kg dry	0.0851	1	08/13/09 23:48	SW846 8270D	9081287
Benzo (a) anthracene	9.75		mg/kg dry	0.425	5	08/15/09 21:11	SW846 8270D	9081287
Benzo (a) pyrene	3.23		mg/kg dry	0.0851	1	08/13/09 23:48	SW846 8270D	9081287
Benzo (b) fluoranthene	4.11		mg/kg dry	0.0851	1	08/13/09 23:48	SW846 8270D	9081287
Benzo (g,h,i) perylene	0.856		mg/kg dry	0.0851	1	08/13/09 23:48	SW846 8270D	9081287
Benzo (k) fluoranthene	3.55		mg/kg dry	0.0851	1	08/13/09 23:48	SW846 8270D	9081287
Chrysene	6.65		mg/kg dry	0.0851	1	08/13/09 23:48	SW846 8270D	9081287
Dibenz (a,h) anthracene	0.600		mg/kg dry	0.0851	1	08/13/09 23:48	SW846 8270D	9081287
Fluoranthene	36.3		mg/kg dry	1.70	20	08/15/09 22:19	SW846 8270D	9081287
Fluorene	2.19		mg/kg dry	0.0851	1	08/13/09 23:48	SW846 8270D	9081287
Indeno (1,2,3-cd) pyrene	1.03		mg/kg dry	0.0851	1	08/13/09 23:48	SW846 8270D	9081287
Naphthalene	1.62		mg/kg dry	0.0851	1	08/13/09 23:48	SW846 8270D	9081287
Phenanthrene	19.9		mg/kg dry	0.425	5	08/15/09 21:11	SW846 8270D	9081287
Pyrene	24.8		mg/kg dry	1.70	20	08/15/09 22:19	SW846 8270D	9081287
1-Methylnaphthalene	6.84		mg/kg dry	0.425	5	08/15/09 21:11	SW846 8270D	9081287
2-Methylnaphthalene	9.39		mg/kg dry	0.425	5	08/15/09 21:11	SW846 8270D	9081287
Surr: Terphenyl-d14 (18-120%)	81 %					08/13/09 23:48	SW846 8270D	9081287
Surr: 2-Fluorobiphenyl (14-120%)	81 %					08/13/09 23:48	SW846 8270D	9081287
Surr: Nitrobenzene-d5 (17-120%)	80 %					08/13/09 23:48	SW846 8270D	9081287

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polyaromatic Hydrocarbons by EPA 8270D							
SW846 8270D	9081287	NSG2788-01	30.00	1.00	08/08/09 14:37	AJF	EPA 3550C
SW846 8270D	9081287	NSG2788-02	30.46	1.00	08/08/09 14:37	AJF	EPA 3550C
SW846 8270D	9081287	NSG2788-02RE1	30.46	1.00	08/08/09 14:37	AJF	EPA 3550C
SW846 8270D	9081287	NSG2788-02RE2	30.46	1.00	08/08/09 14:37	AJF	EPA 3550C
SW846 8270D	9081287	NSG2788-03	30.57	2.00	08/08/09 14:37	AJF	EPA 3550C
SW846 8270D	9081287	NSG2788-03RE1	30.57	2.00	08/08/09 14:37	AJF	EPA 3550C
SW846 8270D	9081287	NSG2788-03RE2	30.57	2.00	08/08/09 14:37	AJF	EPA 3550C
SW846 8270D	9081287	NSG2788-04	30.52	1.00	08/08/09 14:37	AJF	EPA 3550C
SW846 8270D	9081287	NSG2788-04RE1	30.52	1.00	08/08/09 14:37	AJF	EPA 3550C
SW846 8270D	9081287	NSG2788-05	30.73	1.00	08/08/09 14:37	AJF	EPA 3550C
SW846 8270D	9081287	NSG2788-05RE1	30.73	1.00	08/08/09 14:37	AJF	EPA 3550C
SW846 8270D	9081287	NSG2788-06	30.13	1.00	08/08/09 14:37	AJF	EPA 3550C
SW846 8270D	9081287	NSG2788-07	30.24	2.00	08/08/09 14:37	AJF	EPA 3550C
SW846 8270D	9081287	NSG2788-07RE1	30.24	2.00	08/08/09 14:37	AJF	EPA 3550C
SW846 8270D	9081287	NSG2788-07RE2	30.24	2.00	08/08/09 14:37	AJF	EPA 3550C
SW846 8270D	9081287	NSG2788-08	30.44	1.00	08/08/09 14:37	AJF	EPA 3550C
SW846 8270D	9081287	NSG2788-08RE1	30.44	1.00	08/08/09 14:37	AJF	EPA 3550C
SW846 8270D	9081287	NSG2788-08RE2	30.44	1.00	08/08/09 14:37	AJF	EPA 3550C
Selected Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	9080050	NSG2788-01	5.26	5.00	07/29/09 09:50	CHH	EPA 5035
SW846 8260B	9080050	NSG2788-02	5.78	5.00	07/29/09 09:45	CHH	EPA 5035
SW846 8260B	9080198	NSG2788-02RE1	5.45	5.00	07/29/09 09:45	CHH	EPA 5035
SW846 8260B	9080050	NSG2788-03	5.32	5.00	07/29/09 14:10	CHH	EPA 5035
SW846 8260B	9080198	NSG2788-03RE1	5.26	5.00	07/29/09 14:10	CHH	EPA 5035
SW846 8260B	9080198	NSG2788-03RE2	5.26	5.00	07/29/09 14:10	CHH	EPA 5035
SW846 8260B	9080050	NSG2788-04	4.94	5.00	07/29/09 14:25	CHH	EPA 5035
SW846 8260B	9080198	NSG2788-04RE1	5.11	5.00	07/29/09 14:25	CHH	EPA 5035
SW846 8260B	9080198	NSG2788-04RE2	5.11	5.00	07/29/09 14:25	CHH	EPA 5035
SW846 8260B	9080050	NSG2788-05	5.91	5.00	07/30/09 09:45	CHH	EPA 5035
SW846 8260B	9080198	NSG2788-05RE1	6.21	5.00	07/30/09 09:45	CHH	EPA 5035
SW846 8260B	9080198	NSG2788-05RE2	5.83	5.00	07/30/09 09:45	CHH	EPA 5035
SW846 8260B	9080050	NSG2788-06	6.03	5.00	07/30/09 10:15	CHH	EPA 5035
SW846 8260B	9080198	NSG2788-06RE1	5.50	5.00	07/30/09 10:15	CHH	EPA 5035
SW846 8260B	9081549	NSG2788-06RE2	5.50	5.00	07/30/09 10:15	CHH	EPA 5035
SW846 8260B	9080050	NSG2788-07	5.12	5.00	07/30/09 14:15	CHH	EPA 5035
SW846 8260B	9080198	NSG2788-07RE1	4.74	5.00	07/30/09 14:15	CHH	EPA 5035
SW846 8260B	9080050	NSG2788-08	6.57	5.00	07/30/09 13:45	CHH	EPA 5035
SW846 8260B	9080198	NSG2788-08RE1	6.00	5.00	07/30/09 13:45	CHH	EPA 5035

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B						
9080050-BLK1						
Benzene	<0.000670		mg/kg wet	9080050	9080050-BLK1	08/09/09 14:33
Ethylbenzene	<0.000670		mg/kg wet	9080050	9080050-BLK1	08/09/09 14:33
Naphthalene	<0.00170		mg/kg wet	9080050	9080050-BLK1	08/09/09 14:33
Toluene	<0.000400		mg/kg wet	9080050	9080050-BLK1	08/09/09 14:33
Xylenes, total	<0.00130		mg/kg wet	9080050	9080050-BLK1	08/09/09 14:33
Surrogate: 1,2-Dichloroethane-d4	100%			9080050	9080050-BLK1	08/09/09 14:33
Surrogate: Dibromofluoromethane	101%			9080050	9080050-BLK1	08/09/09 14:33
Surrogate: Toluene-d8	100%			9080050	9080050-BLK1	08/09/09 14:33
Surrogate: 4-Bromofluorobenzene	99%			9080050	9080050-BLK1	08/09/09 14:33
9080198-BLK1						
Benzene	<0.000670		mg/kg wet	9080198	9080198-BLK1	08/10/09 12:26
Ethylbenzene	<0.000670		mg/kg wet	9080198	9080198-BLK1	08/10/09 12:26
Naphthalene	<0.00170		mg/kg wet	9080198	9080198-BLK1	08/10/09 12:26
Toluene	<0.000400		mg/kg wet	9080198	9080198-BLK1	08/10/09 12:26
Xylenes, total	<0.00130		mg/kg wet	9080198	9080198-BLK1	08/10/09 12:26
Surrogate: 1,2-Dichloroethane-d4	106%			9080198	9080198-BLK1	08/10/09 12:26
Surrogate: Dibromofluoromethane	98%			9080198	9080198-BLK1	08/10/09 12:26
Surrogate: Toluene-d8	97%			9080198	9080198-BLK1	08/10/09 12:26
Surrogate: 4-Bromofluorobenzene	99%			9080198	9080198-BLK1	08/10/09 12:26
9081549-BLK1						
Benzene	<0.000670		mg/kg wet	9081549	9081549-BLK1	08/11/09 12:56
Ethylbenzene	<0.000670		mg/kg wet	9081549	9081549-BLK1	08/11/09 12:56
Naphthalene	<0.00170		mg/kg wet	9081549	9081549-BLK1	08/11/09 12:56
Toluene	<0.000400		mg/kg wet	9081549	9081549-BLK1	08/11/09 12:56
Xylenes, total	<0.00130		mg/kg wet	9081549	9081549-BLK1	08/11/09 12:56
Surrogate: 1,2-Dichloroethane-d4	106%			9081549	9081549-BLK1	08/11/09 12:56
Surrogate: Dibromofluoromethane	103%			9081549	9081549-BLK1	08/11/09 12:56
Surrogate: Toluene-d8	102%			9081549	9081549-BLK1	08/11/09 12:56
Surrogate: 4-Bromofluorobenzene	99%			9081549	9081549-BLK1	08/11/09 12:56
Polyaromatic Hydrocarbons by EPA 8270D						
9081287-BLK1						
Acenaphthene	<0.0320		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46
Acenaphthylene	<0.0310		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46
Anthracene	<0.0330		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46
Benzo (a) anthracene	<0.0380		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46
Benzo (a) pyrene	<0.0300		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46
Benzo (b) fluoranthene	<0.0300		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46
Benzo (g,h,i) perylene	<0.0300		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D						
9081287-BLK1						
Benzo (k) fluoranthene	<0.0300		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46
Chrysene	<0.0400		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46
Dibenz (a,h) anthracene	<0.0310		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46
Fluoranthene	<0.0340		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46
Fluorene	<0.0360		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46
Indeno (1,2,3-cd) pyrene	<0.0310		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46
Naphthalene	<0.0410		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46
Phenanthrene	<0.0340		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46
Pyrene	<0.0410		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46
1-Methylnaphthalene	<0.0320		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46
2-Methylnaphthalene	<0.0330		mg/kg wet	9081287	9081287-BLK1	08/13/09 17:46
Surrogate: Terphenyl-d14	90%			9081287	9081287-BLK1	08/13/09 17:46
Surrogate: 2-Fluorobiphenyl	81%			9081287	9081287-BLK1	08/13/09 17:46
Surrogate: Nitrobenzene-d5	74%			9081287	9081287-BLK1	08/13/09 17:46

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
9081656-DUP1										
% Dry Solids	89.6	89.2		%	0.4	20	9081656	NSG2786-04		08/12/09 13:02

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
9080050-BS1								
Benzene	50.0	46.0	MNR1	ug/kg	92%	78 - 126	9080050	08/09/09 13:01
Ethylbenzene	50.0	47.7	MNR1	ug/kg	95%	79 - 130	9080050	08/09/09 13:01
Naphthalene	50.0	48.3	MNR1	ug/kg	97%	72 - 150	9080050	08/09/09 13:01
Toluene	50.0	50.1	MNR1	ug/kg	100%	76 - 126	9080050	08/09/09 13:01
Xylenes, total	150	146	MNR1	ug/kg	97%	80 - 130	9080050	08/09/09 13:01
Surrogate: 1,2-Dichloroethane-d4	50.0	52.6			105%	67 - 138	9080050	08/09/09 13:01
Surrogate: Dibromofluoromethane	50.0	49.4			99%	75 - 125	9080050	08/09/09 13:01
Surrogate: Toluene-d8	50.0	52.1			104%	76 - 129	9080050	08/09/09 13:01
Surrogate: 4-Bromofluorobenzene	50.0	49.2			98%	67 - 147	9080050	08/09/09 13:01
9080198-BS1								
Benzene	50.0	53.2		ug/kg	106%	78 - 126	9080198	08/10/09 10:54
Ethylbenzene	50.0	56.1		ug/kg	112%	79 - 130	9080198	08/10/09 10:54
Naphthalene	50.0	57.8		ug/kg	116%	72 - 150	9080198	08/10/09 10:54
Toluene	50.0	55.3		ug/kg	111%	76 - 126	9080198	08/10/09 10:54
Xylenes, total	150	174		ug/kg	116%	80 - 130	9080198	08/10/09 10:54
Surrogate: 1,2-Dichloroethane-d4	50.0	55.6			111%	67 - 138	9080198	08/10/09 10:54
Surrogate: Dibromofluoromethane	50.0	50.2			100%	75 - 125	9080198	08/10/09 10:54
Surrogate: Toluene-d8	50.0	48.5			97%	76 - 129	9080198	08/10/09 10:54
Surrogate: 4-Bromofluorobenzene	50.0	49.2			98%	67 - 147	9080198	08/10/09 10:54
9081549-BS1								
Benzene	50.0	50.1		ug/kg	100%	78 - 126	9081549	08/11/09 11:53
Ethylbenzene	50.0	52.9		ug/kg	106%	79 - 130	9081549	08/11/09 11:53
Naphthalene	50.0	55.4		ug/kg	111%	72 - 150	9081549	08/11/09 11:53
Toluene	50.0	54.7		ug/kg	109%	76 - 126	9081549	08/11/09 11:53
Xylenes, total	150	163		ug/kg	109%	80 - 130	9081549	08/11/09 11:53
Surrogate: 1,2-Dichloroethane-d4	50.0	56.0			112%	67 - 138	9081549	08/11/09 11:53
Surrogate: Dibromofluoromethane	50.0	50.0			100%	75 - 125	9081549	08/11/09 11:53
Surrogate: Toluene-d8	50.0	52.3			105%	76 - 129	9081549	08/11/09 11:53
Surrogate: 4-Bromofluorobenzene	50.0	50.4			101%	67 - 147	9081549	08/11/09 11:53
Polyaromatic Hydrocarbons by EPA 8270D								
9081287-BS1								
Acenaphthene	1.67	1.36	MNR1	mg/kg wet	82%	49 - 120	9081287	08/13/09 18:08
Acenaphthylene	1.67	1.47	MNR1	mg/kg wet	88%	52 - 120	9081287	08/13/09 18:08
Anthracene	1.67	1.63	MNR1	mg/kg wet	98%	58 - 120	9081287	08/13/09 18:08
Benzo (a) anthracene	1.67	1.46	MNR1	mg/kg wet	87%	57 - 120	9081287	08/13/09 18:08
Benzo (a) pyrene	1.67	1.54	MNR1	mg/kg wet	92%	55 - 120	9081287	08/13/09 18:08
Benzo (b) fluoranthene	1.67	1.37	MNR1	mg/kg wet	82%	51 - 123	9081287	08/13/09 18:08
Benzo (g,h,i) perylene	1.67	1.52	MNR1	mg/kg wet	91%	49 - 121	9081287	08/13/09 18:08

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D								
9081287-BS1								
Benzo (k) fluoranthene	1.67	1.48	MNR1	mg/kg wet	89%	42 - 129	9081287	08/13/09 18:08
Chrysene	1.67	1.39	MNR1	mg/kg wet	84%	55 - 120	9081287	08/13/09 18:08
Dibenz (a,h) anthracene	1.67	1.50	MNR1	mg/kg wet	90%	50 - 123	9081287	08/13/09 18:08
Fluoranthene	1.67	1.49	MNR1	mg/kg wet	89%	58 - 120	9081287	08/13/09 18:08
Fluorene	1.67	1.40	MNR1	mg/kg wet	84%	54 - 120	9081287	08/13/09 18:08
Indeno (1,2,3-cd) pyrene	1.67	1.53	MNR1	mg/kg wet	92%	50 - 122	9081287	08/13/09 18:08
Naphthalene	1.67	1.12	MNR1	mg/kg wet	67%	28 - 120	9081287	08/13/09 18:08
Phenanthrene	1.67	1.43	MNR1	mg/kg wet	86%	56 - 120	9081287	08/13/09 18:08
Pyrene	1.67	1.46	MNR1	mg/kg wet	87%	56 - 120	9081287	08/13/09 18:08
1-Methylnaphthalene	1.67	1.10	MNR1	mg/kg wet	66%	36 - 120	9081287	08/13/09 18:08
2-Methylnaphthalene	1.67	1.15	MNR1	mg/kg wet	69%	36 - 120	9081287	08/13/09 18:08
Surrogate: Terphenyl-d14	1.67	1.28			77%	18 - 120	9081287	08/13/09 18:08
Surrogate: 2-Fluorobiphenyl	1.67	1.20			72%	14 - 120	9081287	08/13/09 18:08
Surrogate: Nitrobenzene-d5	1.67	1.03			62%	17 - 120	9081287	08/13/09 18:08

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
9080050-BSD1												
Benzene		53.8		ug/kg	50.0	108%	78 - 126	16	50	9080050		08/09/09 13:31
Ethylbenzene		56.0		ug/kg	50.0	112%	79 - 130	16	50	9080050		08/09/09 13:31
Naphthalene		56.9		ug/kg	50.0	114%	72 - 150	16	50	9080050		08/09/09 13:31
Toluene		55.4		ug/kg	50.0	111%	76 - 126	10	50	9080050		08/09/09 13:31
Xylenes, total		169		ug/kg	150	113%	80 - 130	15	50	9080050		08/09/09 13:31
Surrogate: 1,2-Dichloroethane-d4		52.9		ug/kg	50.0	106%	67 - 138			9080050		08/09/09 13:31
Surrogate: Dibromofluoromethane		50.2		ug/kg	50.0	100%	75 - 125			9080050		08/09/09 13:31
Surrogate: Toluene-d8		50.3		ug/kg	50.0	101%	76 - 129			9080050		08/09/09 13:31
Surrogate: 4-Bromofluorobenzene		48.5		ug/kg	50.0	97%	67 - 147			9080050		08/09/09 13:31
9080198-BSD1												
Benzene		49.8		ug/kg	50.0	100%	78 - 126	7	50	9080198		08/10/09 11:25
Ethylbenzene		49.8		ug/kg	50.0	100%	79 - 130	12	50	9080198		08/10/09 11:25
Naphthalene		53.1		ug/kg	50.0	106%	72 - 150	8	50	9080198		08/10/09 11:25
Toluene		48.7		ug/kg	50.0	97%	76 - 126	13	50	9080198		08/10/09 11:25
Xylenes, total		154		ug/kg	150	103%	80 - 130	12	50	9080198		08/10/09 11:25
Surrogate: 1,2-Dichloroethane-d4		58.9		ug/kg	50.0	118%	67 - 138			9080198		08/10/09 11:25
Surrogate: Dibromofluoromethane		54.4		ug/kg	50.0	109%	75 - 125			9080198		08/10/09 11:25
Surrogate: Toluene-d8		48.1		ug/kg	50.0	96%	76 - 129			9080198		08/10/09 11:25
Surrogate: 4-Bromofluorobenzene		49.3		ug/kg	50.0	99%	67 - 147			9080198		08/10/09 11:25

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B										
9080198-MS1										
Benzene	ND	2.26		mg/kg wet	2.39	94%	42 - 141	9080198	NSH0064-04	08/10/09 20:23
Ethylbenzene	ND	2.39		mg/kg wet	2.39	100%	21 - 165	9080198	NSH0064-04	08/10/09 20:23
Naphthalene	0.174	2.17		mg/kg wet	2.39	83%	10 - 160	9080198	NSH0064-04	08/10/09 20:23
Toluene	ND	2.46		mg/kg wet	2.39	103%	45 - 145	9080198	NSH0064-04	08/10/09 20:23
Xylenes, total	ND	7.26		mg/kg wet	7.18	101%	31 - 159	9080198	NSH0064-04	08/10/09 20:23
Surrogate: 1,2-Dichloroethane-d4		51.3		ug/kg	50.0	103%	67 - 138	9080198	NSH0064-04	08/10/09 20:23
Surrogate: Dibromofluoromethane		49.3		ug/kg	50.0	99%	75 - 125	9080198	NSH0064-04	08/10/09 20:23
Surrogate: Toluene-d8		61.2		ug/kg	50.0	122%	76 - 129	9080198	NSH0064-04	08/10/09 20:23
Surrogate: 4-Bromofluorobenzene		58.4		ug/kg	50.0	117%	67 - 147	9080198	NSH0064-04	08/10/09 20:23
9081549-MS1										
Benzene	ND	6.27		mg/kg dry	6.41	98%	42 - 141	9081549	NSG2788-06RE 2	08/11/09 20:57
Ethylbenzene	0.812	7.77		mg/kg dry	6.41	108%	21 - 165	9081549	NSG2788-06RE 2	08/11/09 20:57
Naphthalene	15.8	22.6		mg/kg dry	6.41	107%	10 - 160	9081549	NSG2788-06RE 2	08/11/09 20:57
Toluene	0.205	6.91		mg/kg dry	6.41	105%	45 - 145	9081549	NSG2788-06RE 2	08/11/09 20:57
Xylenes, total	3.45	24.9		mg/kg dry	19.2	111%	31 - 159	9081549	NSG2788-06RE 2	08/11/09 20:57
Surrogate: 1,2-Dichloroethane-d4		51.5		ug/kg	50.0	103%	67 - 138	9081549	NSG2788-06RE 2	08/11/09 20:57
Surrogate: Dibromofluoromethane		47.6		ug/kg	50.0	95%	75 - 125	9081549	NSG2788-06RE 2	08/11/09 20:57
Surrogate: Toluene-d8		50.6		ug/kg	50.0	101%	76 - 129	9081549	NSG2788-06RE 2	08/11/09 20:57
Surrogate: 4-Bromofluorobenzene		53.0		ug/kg	50.0	106%	67 - 147	9081549	NSG2788-06RE 2	08/11/09 20:57

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

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

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
Selected Volatile Organic Compounds by EPA Method 8260B												
9080198-MSD1												
Benzene	ND	2.36		mg/kg wet	2.39	99%	42 - 141	4	50	9080198	NSH0064-04	08/10/09 20:54
Ethylbenzene	ND	2.52		mg/kg wet	2.39	105%	21 - 165	5	50	9080198	NSH0064-04	08/10/09 20:54
Naphthalene	0.174	2.46		mg/kg wet	2.39	96%	10 - 160	13	50	9080198	NSH0064-04	08/10/09 20:54
Toluene	ND	2.57		mg/kg wet	2.39	107%	45 - 145	4	50	9080198	NSH0064-04	08/10/09 20:54
Xylenes, total	ND	7.61		mg/kg wet	7.18	106%	31 - 159	5	50	9080198	NSH0064-04	08/10/09 20:54
Surrogate: 1,2-Dichloroethane-d4		52.0		ug/kg	50.0	104%	67 - 138			9080198	NSH0064-04	08/10/09 20:54
Surrogate: Dibromofluoromethane		50.2		ug/kg	50.0	100%	75 - 125			9080198	NSH0064-04	08/10/09 20:54
Surrogate: Toluene-d8		59.7		ug/kg	50.0	119%	76 - 129			9080198	NSH0064-04	08/10/09 20:54
Surrogate: 4-Bromofluorobenzene		59.5		ug/kg	50.0	119%	67 - 147			9080198	NSH0064-04	08/10/09 20:54
9081549-MSD1												
Benzene	ND	6.20		mg/kg dry	6.41	97%	42 - 141	1	50	9081549	NSG2788-06RE 2	08/11/09 21:28
Ethylbenzene	0.812	7.71		mg/kg dry	6.41	108%	21 - 165	0.8	50	9081549	NSG2788-06RE 2	08/11/09 21:28
Naphthalene	15.8	22.1		mg/kg dry	6.41	98%	10 - 160	2	50	9081549	NSG2788-06RE 2	08/11/09 21:28
Toluene	0.205	6.45		mg/kg dry	6.41	97%	45 - 145	7	50	9081549	NSG2788-06RE 2	08/11/09 21:28
Xylenes, total	3.45	24.3		mg/kg dry	19.2	109%	31 - 159	2	50	9081549	NSG2788-06RE 2	08/11/09 21:28
Surrogate: 1,2-Dichloroethane-d4		49.5		ug/kg	50.0	99%	67 - 138			9081549	NSG2788-06RE 2	08/11/09 21:28
Surrogate: Dibromofluoromethane		46.6		ug/kg	50.0	93%	75 - 125			9081549	NSG2788-06RE 2	08/11/09 21:28
Surrogate: Toluene-d8		46.7		ug/kg	50.0	93%	76 - 129			9081549	NSG2788-06RE 2	08/11/09 21:28
Surrogate: 4-Bromofluorobenzene		53.2		ug/kg	50.0	106%	67 - 147			9081549	NSG2788-06RE 2	08/11/09 21:28

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

Attn Tom McElwce

Work Order: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

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: NSG2788
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 07/31/09 08:15

DATA QUALIFIERS AND DEFINITIONS

MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
RL1 Reporting limit raised due to sample matrix effects.
ZX Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

NSG2788

08/14/09 23:59

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

Client Name/Account #: EEG # 2449

Address: 10179 Highway 78

City/State/Zip: Ladson, SC 29456

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

Telephone Number: 843.412.2097

Fax No.: 843-879-0401

Sampler Name: (Print) PRATH SHAW

Sampler Signature: *Prath Shaw*

Site State: SC

PO#: 0829

TA Quote #:

Project ID: Laurel Bay Housing Project

Project #:

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative						Matrix					Analyze For:										RUSH TAT (Pre-Schedule)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
							Ice	H ₂ O ₂ (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H ₂ SO ₄ Plastic (Yellow Label)	H ₂ SO ₄ Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	BTEX + Napth - 8260E	PAH - 8270C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

Special Instructions:

Relinquished by: *[Signature]*Date
7/30/09Time
1900

Method of Shipment:

Received by:

Received by TestAmerica:

FEDEX

Date

Time

Date

Time

7-31-09 0845

Laboratory Comments:

Temperature Upon Receipt: 54°C
VOCs Free of Headspace?

Y

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 Laurel Bay Housing Beaufort SC 29904				A. Manifest Number WMNA 10885465							
4. Generator's Phone 843 228-6460				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 843 878-0411					
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 RIDGELAND SC 29936		10. US EPA ID Number		G. State Facility's ID		H. Facility's Phone 843 987-4643					
11. Description of Waste Materials				12. Containers No. Type		13. Total Quantity		14. Unit Wt./Vol		I. Misc. Comments	
a. Heating Oil Tank filled with Sand				WM Profile # 102855SC		0 0 1		9.58		TN	
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 GEA LIST FROM 1379 Dove 3) 1400 Eagle ✓ HOUSES 2) 1401 Eagle ✓ 4) 1407 Eagle ✓ 6) 1409 Eagle ✓ EMERGENCY CONTACT: 5) 1404 Eagle ✓											
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 W.G. Dukes, Jr.				Signature "On behalf of" <i>[Signature]</i>				Month Day Year 08/12/09			
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed/Typed Name James Baldwin				Signature <i>[Signature]</i>				Month Day Year 08/13/09			
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 Jan Collins				Signature <i>[Signature]</i>				Month Day Year 08/13/09			

Appendix C

Regulatory Correspondence



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

March 25, 2010

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:

- 1475 Cardinal
- 1227 Dove
- 1225 Dove
- 1223 Cardinal
- 1409 Eagle
- 1423 Albatross

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 November 13, 2009 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 picketen@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)