

SUMMARY REPORT
270 WEST LAUREL BAY BOULEVARD (FORMERLY 531 WEST LAUREL BAY
BOULEVARD)
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

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10560 Arrowhead Drive, Suite 500
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Contract Number: N62470-14-D-9016
CTO WE52
JUNE 2021

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List of Acronyms

bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
CTO	Contract Task Order
COPC	constituents of potential concern
ft	feet
IDIQ	Indefinite Delivery, Indefinite Quantity
IGWA	Initial Groundwater Assessment
JV	Joint Venture
LBMH	Laurel Bay Military Housing
MCAS	Marine Corps Air Station
NAVFAC Mid-Lant	Naval Facilities Engineering Command Mid-Atlantic
NFA	No Further Action
PAH	polynuclear aromatic hydrocarbon
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 270 West Laurel Bay Boulevard (Formerly 531 West Laurel Bay Boulevard). 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 270 West Laurel Bay Boulevard (Formerly 531 West Laurel Bay Boulevard). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 531 West Laurel Bay Boulevard* (MCAS Beaufort, 2010). The UST Assessment Report is provided in Appendix B. Details regarding the IGWA sampling activities at this site are provided in the *Initial Groundwater Investigation Report – May and June 2015* (Resolution Consultants, 2015). The laboratory report that includes the pertinent IGWA analytical results for this site is presented in Appendix C.

2.1 UST Removal and Soil Sampling

On November 19, 2009, a single 280 gallon heating oil UST was removed from the front landscaped bed area adjacent to the house at 270 West Laurel Bay Boulevard (Formerly 531 West Laurel Bay Boulevard). The former UST location is indicated on Figures 2 and 3 of the UST

Assessment Report (Appendix B). The UST was removed, cleaned, and shipped offsite for recycling. 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' 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 270 West Laurel Bay Boulevard (Formerly 531 West Laurel Bay Boulevard) were greater than the SCDHEC RBSLs, which indicated further investigation was required. In a letter dated May 15, 2014, SCDHEC requested an IGWA for 270 West Laurel Bay Boulevard (Formerly 531 West Laurel Bay Boulevard) to determine if the groundwater was impacted by petroleum COPCs. SCDHEC's request letter is provided in Appendix D.

2.3 Groundwater Sampling

On June 10, 2015, a temporary monitoring well was installed at 270 West Laurel Bay Boulevard (Formerly 531 West Laurel Bay Boulevard), in accordance with the South Carolina Well Standards and Regulations (R.61-71.H-I, updated June 24, 2016). In order to provide data that can be used to determine whether COPCs are migrating to underlying groundwater, the monitoring well was placed in the same general location as the former heating oil UST. The former UST location is indicated on Figures 2 and 3 of the UST Assessment Report

(Appendix B). Further details are provided in the *Initial Groundwater Investigation Report – May and June 2015* (Resolution Consultants, 2015).

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

2.4 Groundwater Analytical Results

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

The groundwater results collected from 270 West Laurel Bay Boulevard (Formerly 531 West Laurel Bay Boulevard) were less than the SCDHEC RBSLs and the site specific groundwater VISLs (Table 2), which indicated that the groundwater was not impacted by COPCs associated with the former UST at concentrations that present a potential risk to human health and the environment.

3.0 PROPERTY STATUS

Based on the analytical results for groundwater, SCDHEC made the determination that NFA was required for 270 West Laurel Bay Boulevard (Formerly 531 West Laurel Bay Boulevard). This NFA determination was obtained in a letter dated February 22, 2016. SCDHEC's NFA letter is provided in Appendix D.

4.0 REFERENCES

Marine Corps Air Station Beaufort, 2010. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 531 Laurel Bay Boulevard, Laurel Bay Military Housing Area*, February 2010.

Resolution Consultants, 2015. *Initial Groundwater Investigation Report – May and June 2015 for Laurel Bay Military Housing Area, Multiple Properties, Laurel Bay Military Housing Area, Marine Corps Air Station Beaufort, Beaufort, South Carolina*, October 2015.

South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2013. *Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 2.0*, April 2013.

South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2015. *Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 3.0*, May 2015.

South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2016. *Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 3.1*, February 2016.

South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2017. *R.61-92, Part 280, Underground Storage Tank Control Regulations*, March 2017.

South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2018. *Underground Storage Tank Assessment Instructions for Permanent Closure and Change-In-Service*, March 2018.

South Carolina Department of Health and Environmental Control Bureau of Water, 2016. *R.61-71, Well Standards*, June 2016.

Tables

Table 1
Laboratory Analytical Results - Soil
270 West Laurel Bay Blvd. (Formerly 531 West Laurel Bay Blvd.)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs ⁽¹⁾	Results Sample Collected 11/19/09
Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)		
Benzene	0.007	ND
Ethylbenzene	1.15	0.169
Naphthalene	0.036	8.240
Toluene	1.45	ND
Xylenes, Total	14.5	ND
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (mg/kg)		
Benzo(a)anthracene	0.066	ND
Benzo(b)fluoranthene	0.066	ND
Benzo(k)fluoranthene	0.066	ND
Chrysene	0.066	ND
Dibenz(a,h)anthracene	0.066	ND

Notes:

⁽¹⁾ South Carolina Risk-Based Screening Levels from the Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 2.0 (SCDHEC, April 2013).

Bold font indicates the analyte was detected.

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

EPA - United States Environmental Protection Agency

mg/kg - milligrams per kilogram

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

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

Table 2
Laboratory Analytical Results - Groundwater
270 West Laurel Bay Blvd. (Formerly 531 West Laurel Bay Blvd.)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

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

Notes:

⁽¹⁾ South Carolina Risk-Based Screening Levels from the Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 3.1 (SCDHEC, February 2016).

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

Bold font indicates the analyte was detected.

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

EPA - United States Environmental Protection Agency

JE - Johnson & Ettinger

NA - Not Applicable

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

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

µg/L - micrograms per liter

VISL - Vapor Intrusion Screening Level

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

Date Received State Use Only

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

I. OWNERSHIP OF UST (S)

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

II. SITE IDENTIFICATION AND LOCATION

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

Attachment 2

III. INSURANCE INFORMATION

Insurance Statement

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

Is there now, or has there ever been an insurance policy or other financial mechanism that covers this UST release? YES____ NO____ (check one)

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

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

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

IV. REQUEST FOR SUPERB FUNDING

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

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

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

Name (Type or print.)

Signature

To be completed by Notary Public:

Sworn before me this _____ day of _____, 20____

(Name)

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

VI. UST INFORMATION

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

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

C. Age.....

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

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

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

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

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

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

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

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

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

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

UST 531LaurelBB 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 531LaurelBB 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.

531 LaurelBB				
Heating oil				
280 gal				
Late 1950s				
Steel				
Unknown				
6'				
No				
No				
Removed				
11/19/09				
Yes				
Yes				

VII. PIPING INFORMATION

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

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

C. Number of Dispensers.....

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

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

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

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

H. Age.....

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

531 LaurelBB				
Steel & Copper				
N/A				
N/A				
Suction				
Yes				
Yes				
No				
Late 1950s				

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

VIII. BRIEF SITE DESCRIPTION AND HISTORY

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

IX. SITE CONDITIONS

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

X. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number 84009001

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA #
531 LaurelBB	Excav at fill end	Soil	Sandy	6'	11/19/09 1030 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.

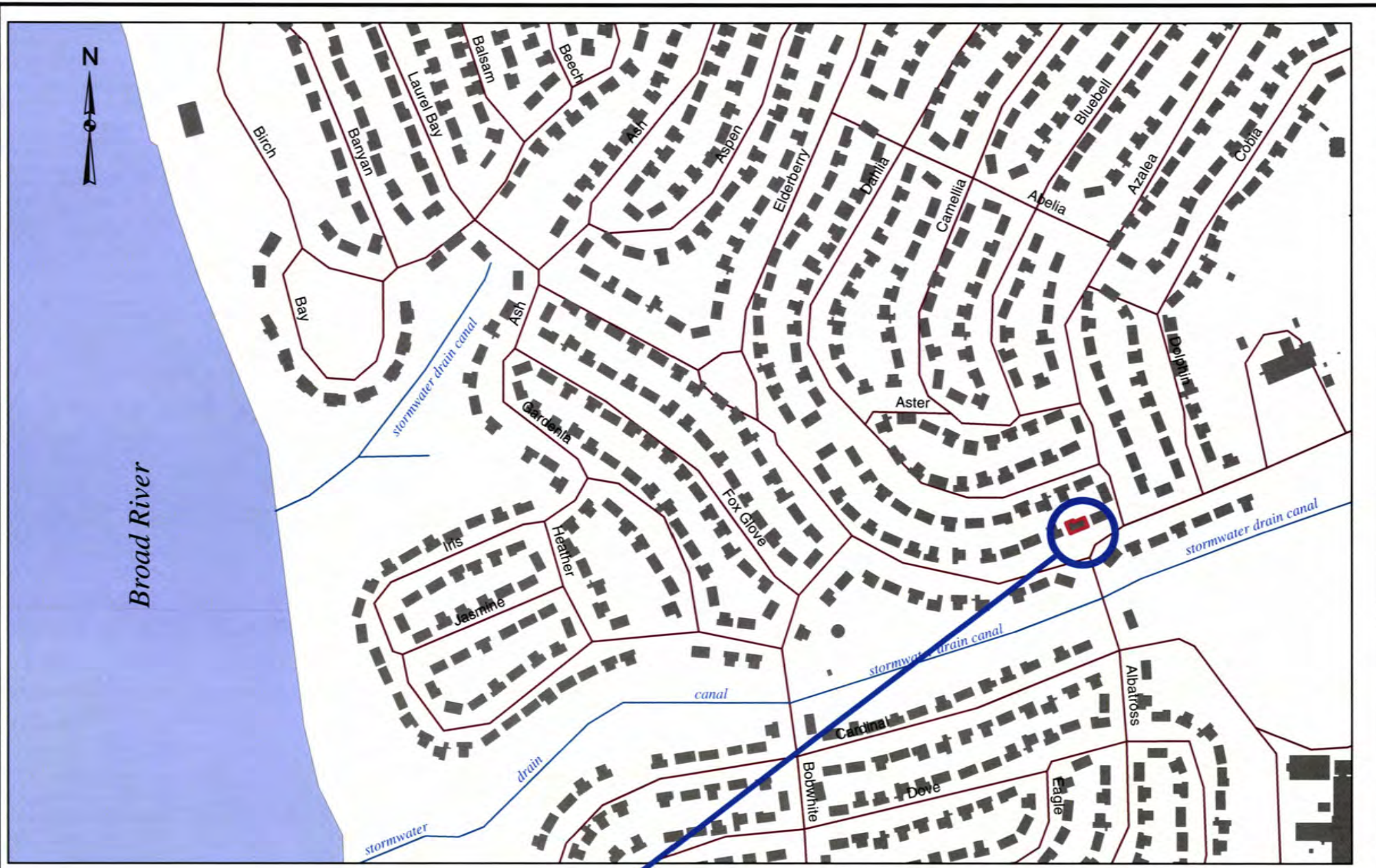
XII. RECEPTORS

	Yes	No
A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system? *Stormwater drainage canal ~ 245' 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

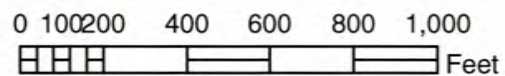
You must supply a scaled site map. It should include all buildings, road names, utilities, tank and dispenser island locations, labeled sample locations, extent of excavation, and any other pertinent information.

(Attach Site Map Here)



Broad River

531 LAUREL BAY BLVD.



SBG-EEG, Inc.

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

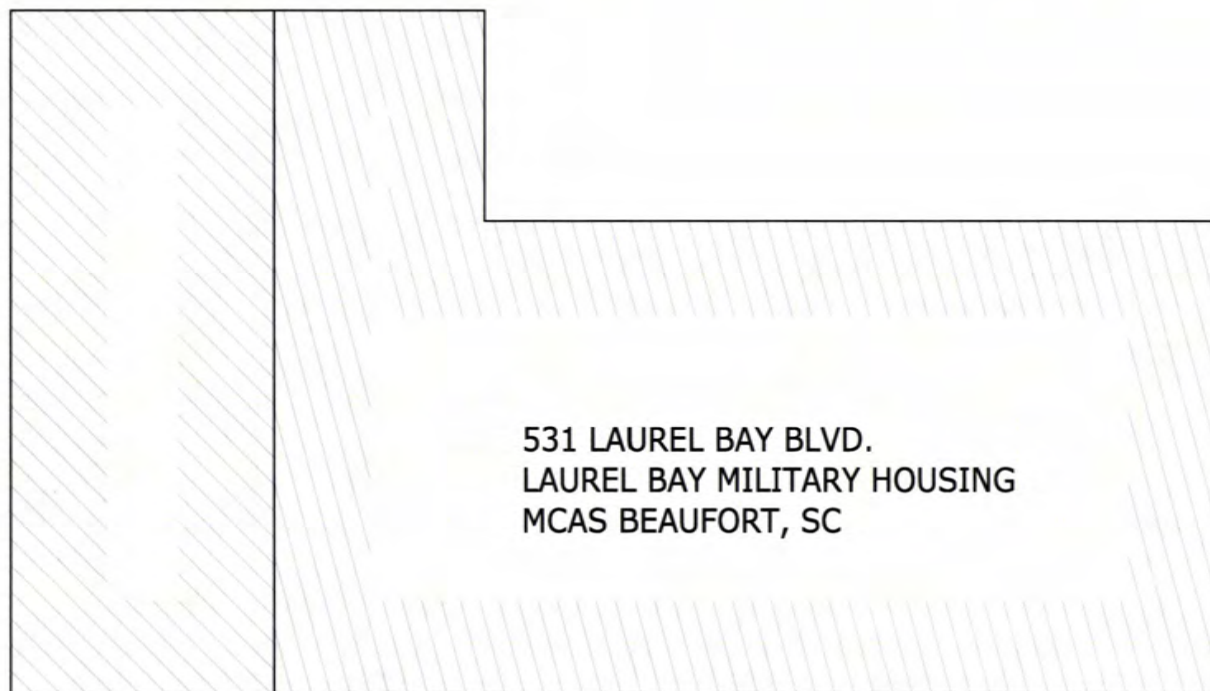
Ph. (843) 879-0400

Drawn By: L. DiAsio

Dwg Date: JAN 2010

FIGURE 1: LOCATION MAP
531 LAUREL BAY BLVD., LAUREL BAY
MCAS BEAUFORT SC

STORMWATER DRAINAGE
CANAL $\approx 245'$



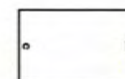
531 LAUREL BAY BLVD.
LAUREL BAY MILITARY HOUSING
MCAS BEAUFORT, SC

ASPHALT
DRIVEWAY

CONCRETE
PORCH

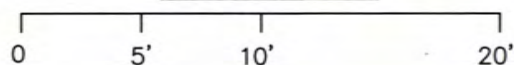
WATER

SEWER



UST 531LAURELBB

GRAPHIC SCALE



SBG-EEG

10179 HWY 78
LADSON, SC 29456

ph. (843) 879-0400

FIGURE 2 SITE MAP
531 LAUREL BAY BLVD, LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC

DWG DATE JAN 2010

531 LAUREL BAY BLVD.



CONCRETE
PORCH

GRASS

WATER

SEWER

EXCAVATION

FILL END

UST 531LAURELBB
280 GAL.

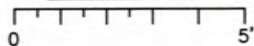
SOIL SAMPLE
531 LAUREL BAY BLVD

STORMWATER DRAINAGE
CANAL $\approx$ 245'



UST 531LAURELBB WAS
36" BELOW GRADE

GRAPHIC SCALE



SBG-EEG

10179 HWY 78
LADSON, SC 29456

ph. (843) 879-0400

FIGURE 3 UST SAMPLE LOCATIONS
531 LAUREL BAY BLVD, LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC

DWG DATE JAN 2010



Picture 1: UST 531LaurelBB was located between the flags.



Picture 2: UST 531LaurelBB removal 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	531LaurelBB						
Benzene		ND						
Toluene		ND						
Ethylbenzene		0.169 mg/kg						
Xylenes		ND						
Naphthalene		8.24 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)

December 07, 2009 4:45:11PM

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Nbr: [none]
P/O Nbr: 0829
Date Received: 11/20/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
423 Elderberry	NSK2070-01	11/16/09 09:30
425 Elderberry	NSK2070-02	11/16/09 14:45
505 Latural Bay Blvd	NSK2070-03	11/17/09 09:30
507 Latural Bay Blvd	NSK2070-04	11/17/09 11:30
511 Latural Bay Blvd	NSK2070-05	11/17/09 15:15
515 Latural Bay Blvd	NSK2070-06	11/18/09 09:30
519 Latural Bay Blvd	NSK2070-07	11/18/09 11:30
527 Latural Bay Blvd	NSK2070-08	11/18/09 15:15
531 Latural Bay Blvd	NSK2070-09	11/19/09 10:30
530 Latural Bay Blvd	NSK2070-10	11/19/09 15:15

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

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

South Carolina Certification Number: 84009001

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

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

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

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Ken A. Hayes

Senior Project Manager

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-01 (423 Elderberry - Soil) Sampled: 11/16/09 09:30									
General Chemistry Parameters									
% Dry Solids	94.9		%	0.500	1	12/03/09 09:51	SW-846	DEA	9120240
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		mg/kg dry	0.00247	1	11/28/09 15:14	SW846 8260B	KxC	9113846
Ethylbenzene	ND		mg/kg dry	0.00247	1	11/28/09 15:14	SW846 8260B	KxC	9113846
Naphthalene	ND		mg/kg dry	0.00617	1	11/28/09 15:14	SW846 8260B	KxC	9113846
Toluene	ND		mg/kg dry	0.00247	1	11/28/09 15:14	SW846 8260B	KxC	9113846
Xylenes, total	ND		mg/kg dry	0.00617	1	11/28/09 15:14	SW846 8260B	KxC	9113846
Surr: 1,2-Dichloroethane-d4 (67-138%)	97 %					11/28/09 15:14	SW846 8260B	KxC	9113846
Surr: Dibromofluoromethane (75-125%)	99 %					11/28/09 15:14	SW846 8260B	KxC	9113846
Surr: Toluene-d8 (76-129%)	101 %					11/28/09 15:14	SW846 8260B	KxC	9113846
Surr: 4-Bromofluorobenzene (67-147%)	97 %					11/28/09 15:14	SW846 8260B	KxC	9113846

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-01 (423 Elderberry - Soil) - cont. Sampled: 11/16/09 09:30										
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0232	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
Acenaphthylene	ND		mg/kg dry	0.0232	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
Anthracene	ND		mg/kg dry	0.0158	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
Benzo (a) anthracene	ND		mg/kg dry	0.0137	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
Benzo (a) pyrene	ND		mg/kg dry	0.0158	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
Benzo (b) fluoranthene	ND		mg/kg dry	0.0179	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0148	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
Benzo (k) fluoranthene	ND		mg/kg dry	0.0200	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
Chrysene	ND		mg/kg dry	0.0158	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0148	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
Fluoranthene	ND		mg/kg dry	0.0148	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
Fluorene	ND		mg/kg dry	0.0137	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0126	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
Naphthalene	ND		mg/kg dry	0.0211	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
Phenanthrene	ND		mg/kg dry	0.0137	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
Pyrene	ND		mg/kg dry	0.0126	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
1-Methylnaphthalene	ND		mg/kg dry	0.0179	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
2-Methylnaphthalene	ND		mg/kg dry	0.0190	0.0706	1	11/30/09 18:46	SW846 8270D	RMC	9114377
Surr: Terphenyl-d14 (18-120%)	57 %					1	11/30/09 18:46	SW846 8270D	RMC	9114377
Surr: 2-Fluorobiphenyl (14-120%)	44 %					1	11/30/09 18:46	SW846 8270D	RMC	9114377
Surr: Nitrobenzene-d5 (17-120%)	37 %					1	11/30/09 18:46	SW846 8270D	RMC	9114377

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-02 (425 Elderberry - Soil) Sampled: 11/16/09 14:45									
General Chemistry Parameters									
% Dry Solids	93.1		%	0.500	1	12/03/09 09:51	SW-846	DEA	9120240
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		mg/kg dry	0.00249	1	11/28/09 06:29	SW846 8260B	KxC	9113727
Ethylbenzene	ND		mg/kg dry	0.00249	1	11/28/09 06:29	SW846 8260B	KxC	9113727
Naphthalene	ND		mg/kg dry	0.00623	1	11/28/09 06:29	SW846 8260B	KxC	9113727
Toluene	ND		mg/kg dry	0.00249	1	11/28/09 06:29	SW846 8260B	KxC	9113727
Xylenes, total	ND		mg/kg dry	0.00623	1	11/28/09 06:29	SW846 8260B	KxC	9113727
Surr: 1,2-Dichloroethane-d4 (67-138%)	92 %					11/28/09 06:29	SW846 8260B	KxC	9113727
Surr: Dibromofluoromethane (75-125%)	98 %					11/28/09 06:29	SW846 8260B	KxC	9113727
Surr: Toluene-d8 (76-129%)	98 %					11/28/09 06:29	SW846 8260B	KxC	9113727
Surr: 4-Bromofluorobenzene (67-147%)	95 %					11/28/09 06:29	SW846 8260B	KxC	9113727

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-02 (425 Elderberry - Soil) - cont. Sampled: 11/16/09 14:45										
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0236	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
Acenaphthylene	ND		mg/kg dry	0.0236	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
Anthracene	ND		mg/kg dry	0.0161	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
Benzo (a) anthracene	ND		mg/kg dry	0.0140	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
Benzo (a) pyrene	ND		mg/kg dry	0.0161	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
Benzo (b) fluoranthene	ND		mg/kg dry	0.0183	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0150	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
Benzo (k) fluoranthene	ND		mg/kg dry	0.0204	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
Chrysene	ND		mg/kg dry	0.0161	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0150	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
Fluoranthene	ND		mg/kg dry	0.0150	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
Fluorene	ND		mg/kg dry	0.0140	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0129	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
Naphthalene	ND		mg/kg dry	0.0215	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
Phenanthrene	ND		mg/kg dry	0.0140	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
Pyrene	ND		mg/kg dry	0.0129	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
1-Methylnaphthalene	ND		mg/kg dry	0.0183	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
2-Methylnaphthalene	ND		mg/kg dry	0.0193	0.0720	1	11/30/09 19:08	SW846 8270D	RMC	9114377
Surr: Terphenyl-d14 (18-120%)	63 %					1	11/30/09 19:08	SW846 8270D	RMC	9114377
Surr: 2-Fluorobiphenyl (14-120%)	50 %					1	11/30/09 19:08	SW846 8270D	RMC	9114377
Surr: Nitrobenzene-d5 (17-120%)	43 %					1	11/30/09 19:08	SW846 8270D	RMC	9114377

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-03 (505 Laural Bay Blvd - Soil) Sampled: 11/17/09 09:30									
General Chemistry Parameters									
% Dry Solids	92.6		%	0.500	1	12/03/09 09:51	SW-846	DEA	9120240
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		mg/kg dry	0.00256	1	11/29/09 04:47	SW846 8260B	MJH	9113806
Ethylbenzene	ND		mg/kg dry	0.00256	1	11/29/09 04:47	SW846 8260B	MJH	9113806
Naphthalene	ND		mg/kg dry	0.00640	1	11/29/09 04:47	SW846 8260B	MJH	9113806
Toluene	ND		mg/kg dry	0.00256	1	11/29/09 04:47	SW846 8260B	MJH	9113806
Xylenes, total	ND		mg/kg dry	0.00640	1	11/29/09 04:47	SW846 8260B	MJH	9113806
Surr: 1,2-Dichloroethane-d4 (67-138%)	99 %					11/29/09 04:47	SW846 8260B	MJH	9113806
Surr: Dibromofluoromethane (75-125%)	98 %					11/29/09 04:47	SW846 8260B	MJH	9113806
Surr: Toluene-d8 (76-129%)	101 %					11/29/09 04:47	SW846 8260B	MJH	9113806
Surr: 4-Bromofluorobenzene (67-147%)	100 %					11/29/09 04:47	SW846 8260B	MJH	9113806

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-03 (505 Laurel Bay Blvd - Soil) - cont. Sampled: 11/17/09 09:30										
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0238	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
Acenaphthylene	ND		mg/kg dry	0.0238	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
Anthracene	ND		mg/kg dry	0.0162	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
Benzo (a) anthracene	ND		mg/kg dry	0.0140	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
Benzo (a) pyrene	ND		mg/kg dry	0.0162	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
Benzo (b) fluoranthene	ND		mg/kg dry	0.0184	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0151	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
Benzo (k) fluoranthene	ND		mg/kg dry	0.0205	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
Chrysene	ND		mg/kg dry	0.0162	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0151	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
Fluoranthene	ND		mg/kg dry	0.0151	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
Fluorene	ND		mg/kg dry	0.0140	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0130	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
Naphthalene	ND		mg/kg dry	0.0216	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
Phenanthrene	ND		mg/kg dry	0.0140	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
Pyrene	ND		mg/kg dry	0.0130	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
1-Methylnaphthalene	ND		mg/kg dry	0.0184	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
2-Methylnaphthalene	ND		mg/kg dry	0.0194	0.0724	1	11/30/09 19:31	SW846 8270D	RMC	9114377
Surr: Terphenyl-d14 (18-120%)	61 %					1	11/30/09 19:31	SW846 8270D	RMC	9114377
Surr: 2-Fluorobiphenyl (14-120%)	42 %					1	11/30/09 19:31	SW846 8270D	RMC	9114377
Surr: Nitrobenzene-d5 (17-120%)	37 %					1	11/30/09 19:31	SW846 8270D	RMC	9114377

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-04 (507 Laurel Bay Blvd - Soil) Sampled: 11/17/09 11:30									
General Chemistry Parameters									
% Dry Solids	92.5		%	0.500	1	12/03/09 09:51	SW-846	DEA	9120240
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		mg/kg dry	0.00251	1	11/29/09 05:17	SW846 8260B	MJH	9113806
Ethylbenzene	ND		mg/kg dry	0.00251	1	11/29/09 05:17	SW846 8260B	MJH	9113806
Naphthalene	ND		mg/kg dry	0.00627	1	11/29/09 05:17	SW846 8260B	MJH	9113806
Toluene	ND		mg/kg dry	0.00251	1	11/29/09 05:17	SW846 8260B	MJH	9113806
Xylenes, total	ND		mg/kg dry	0.00627	1	11/29/09 05:17	SW846 8260B	MJH	9113806
Surr: 1,2-Dichloroethane-d4 (67-138%)	97 %					11/29/09 05:17	SW846 8260B	MJH	9113806
Surr: Dibromofluoromethane (75-125%)	100 %					11/29/09 05:17	SW846 8260B	MJH	9113806
Surr: Toluene-d8 (76-129%)	103 %					11/29/09 05:17	SW846 8260B	MJH	9113806
Surr: 4-Bromofluorobenzene (67-147%)	104 %					11/29/09 05:17	SW846 8260B	MJH	9113806

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-04 (507 Loral Bay Blvd - Soil) - cont. Sampled: 11/17/09 11:30										
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0238	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
Acenaphthylene	ND		mg/kg dry	0.0238	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
Anthracene	ND		mg/kg dry	0.0162	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
Benzo (a) anthracene	ND		mg/kg dry	0.0141	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
Benzo (a) pyrene	ND		mg/kg dry	0.0162	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
Benzo (b) fluoranthene	ND		mg/kg dry	0.0184	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0151	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
Benzo (k) fluoranthene	ND		mg/kg dry	0.0205	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
Chrysene	ND		mg/kg dry	0.0162	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0151	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
Fluoranthene	ND		mg/kg dry	0.0151	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
Fluorene	ND		mg/kg dry	0.0141	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0130	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
Naphthalene	ND		mg/kg dry	0.0216	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
Phenanthrene	ND		mg/kg dry	0.0141	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
Pyrene	ND		mg/kg dry	0.0130	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
1-Methylnaphthalene	ND		mg/kg dry	0.0184	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
2-Methylnaphthalene	ND		mg/kg dry	0.0195	0.0724	1	11/30/09 19:54	SW846 8270D	RMC	9114377
Surr: Terphenyl-d14 (18-120%)	54 %					1	11/30/09 19:54	SW846 8270D	RMC	9114377
Surr: 2-Fluorobiphenyl (14-120%)	46 %					1	11/30/09 19:54	SW846 8270D	RMC	9114377
Surr: Nitrobenzene-d5 (17-120%)	40 %					1	11/30/09 19:54	SW846 8270D	RMC	9114377

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-05 (511 Laural Bay Blvd - Soil) Sampled: 11/17/09 15:15									
General Chemistry Parameters									
% Dry Solids	92.2		%	0.500	1	12/03/09 09:51	SW-846	DEA	9120240
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		mg/kg dry	0.00223	1	11/29/09 05:48	SW846 8260B	MJH	9113806
Ethylbenzene	ND		mg/kg dry	0.00223	1	11/29/09 05:48	SW846 8260B	MJH	9113806
Naphthalene	ND		mg/kg dry	0.00557	1	11/29/09 05:48	SW846 8260B	MJH	9113806
Toluene	ND		mg/kg dry	0.00223	1	11/29/09 05:48	SW846 8260B	MJH	9113806
Xylenes, total	ND		mg/kg dry	0.00557	1	11/29/09 05:48	SW846 8260B	MJH	9113806
Surr: 1,2-Dichloroethane-d4 (67-138%)	99 %					11/29/09 05:48	SW846 8260B	MJH	9113806
Surr: Dibromofluoromethane (75-125%)	100 %					11/29/09 05:48	SW846 8260B	MJH	9113806
Surr: Toluene-d8 (76-129%)	101 %					11/29/09 05:48	SW846 8260B	MJH	9113806
Surr: 4-Bromofluorobenzene (67-147%)	100 %					11/29/09 05:48	SW846 8260B	MJH	9113806

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-05 (511 Loral Bay Blvd - Soil) - cont. Sampled: 11/17/09 15:15										
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0239	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
Acenaphthylene	ND		mg/kg dry	0.0239	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
Anthracene	ND		mg/kg dry	0.0163	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
Benzo (a) anthracene	ND		mg/kg dry	0.0141	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
Benzo (a) pyrene	ND		mg/kg dry	0.0163	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
Benzo (b) fluoranthene	ND		mg/kg dry	0.0184	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0152	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
Benzo (k) fluoranthene	ND		mg/kg dry	0.0206	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
Chrysene	ND		mg/kg dry	0.0163	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0152	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
Fluoranthene	ND		mg/kg dry	0.0152	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
Fluorene	ND		mg/kg dry	0.0141	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0130	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
Naphthalene	ND		mg/kg dry	0.0217	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
Phenanthrene	ND		mg/kg dry	0.0141	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
Pyrene	ND		mg/kg dry	0.0130	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
1-Methylnaphthalene	ND		mg/kg dry	0.0184	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
2-Methylnaphthalene	ND		mg/kg dry	0.0195	0.0727	1	11/30/09 20:17	SW846 8270D	RMC	9114377
Surr: Terphenyl-d14 (18-120%)	60 %					1	11/30/09 20:17	SW846 8270D	RMC	9114377
Surr: 2-Fluorobiphenyl (14-120%)	47 %					1	11/30/09 20:17	SW846 8270D	RMC	9114377
Surr: Nitrobenzene-d5 (17-120%)	42 %					1	11/30/09 20:17	SW846 8270D	RMC	9114377

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-06 (515 Laural Bay Blvd - Soil) Sampled: 11/18/09 09:30									
General Chemistry Parameters									
% Dry Solids	95.9		%	0.500	1	12/03/09 09:51	SW-846	DEA	9120240
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		mg/kg dry	0.00234	1	11/29/09 22:01	SW846 8260B	KxC	9114859
Ethylbenzene	ND		mg/kg dry	0.00234	1	11/29/09 22:01	SW846 8260B	KxC	9114859
Naphthalene	ND	RLI	mg/kg dry	0.298	50	11/29/09 22:32	SW846 8260B	KxC	9114859
Toluene	ND		mg/kg dry	0.00234	1	11/29/09 22:01	SW846 8260B	KxC	9114859
Xylenes, total	ND		mg/kg dry	0.00586	1	11/29/09 22:01	SW846 8260B	KxC	9114859
Surr: 1,2-Dichloroethane-d4 (67-138%)	94 %					11/29/09 22:01	SW846 8260B	KxC	9114859
Surr: 1,2-Dichloroethane-d4 (67-138%)	88 %					11/29/09 22:32	SW846 8260B	KxC	9114859
Surr: Dibromofluoromethane (75-125%)	103 %					11/29/09 22:01	SW846 8260B	KxC	9114859
Surr: Dibromofluoromethane (75-125%)	91 %					11/29/09 22:32	SW846 8260B	KxC	9114859
Surr: Toluene-d8 (76-129%)	115 %					11/29/09 22:01	SW846 8260B	KxC	9114859
Surr: Toluene-d8 (76-129%)	102 %					11/29/09 22:32	SW846 8260B	KxC	9114859
Surr: 4-Bromofluorobenzene (67-147%)	96 %					11/29/09 22:32	SW846 8260B	KxC	9114859

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-06 (515 Latural Bay Blvd - Soil) - cont. Sampled: 11/18/09 09:30										
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND	RLI	mg/kg dry	0.229	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
Acenaphthylene	ND	RLI	mg/kg dry	0.229	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
Anthracene	ND	RLI	mg/kg dry	0.156	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
Benzo (a) anthracene	ND	RLI	mg/kg dry	0.136	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
Benzo (a) pyrene	ND	RLI	mg/kg dry	0.156	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
Benzo (b) fluoranthene	ND	RLI	mg/kg dry	0.177	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
Benzo (g,h,i) perylene	ND	RLI	mg/kg dry	0.146	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
Benzo (k) fluoranthene	ND	RLI	mg/kg dry	0.198	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
Chrysene	ND	RLI	mg/kg dry	0.156	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
Dibenz (a,h) anthracene	ND	RLI	mg/kg dry	0.146	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
Fluoranthene	ND	RLI	mg/kg dry	0.146	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
Fluorene	ND	RLI	mg/kg dry	0.136	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
Indeno (1,2,3-cd) pyrene	ND	RLI	mg/kg dry	0.125	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
Naphthalene	ND	RLI	mg/kg dry	0.209	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
Phenanthrene	ND	RLI	mg/kg dry	0.136	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
Pyrene	0.431	J, RLI	mg/kg dry	0.125	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
1-Methylnaphthalene	ND	RLI	mg/kg dry	0.177	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
2-Methylnaphthalene	ND	RLI	mg/kg dry	0.188	0.699	10	12/01/09 14:14	SW846 8270D	RMC	9114377
Surr: Terphenyl-d14 (18-120%)	88 %					10	12/01/09 14:14	SW846 8270D	RMC	9114377
Surr: 2-Fluorobiphenyl (14-120%)	72 %					10	12/01/09 14:14	SW846 8270D	RMC	9114377
Surr: Nitrobenzene-d5 (17-120%)	63 %					10	12/01/09 14:14	SW846 8270D	RMC	9114377

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-07 (519 Laural Bay Blvd - Soil) Sampled: 11/18/09 11:30									
General Chemistry Parameters									
% Dry Solids	94.7		%	0.500	1	12/03/09 09:51	SW-846	DEA	9120240
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		mg/kg dry	0.00241	1	11/29/09 06:49	SW846 8260B	MJH	9113806
Ethylbenzene	ND		mg/kg dry	0.00241	1	11/29/09 06:49	SW846 8260B	MJH	9113806
Naphthalene	ND		mg/kg dry	0.00603	1	11/29/09 06:49	SW846 8260B	MJH	9113806
Toluene	ND		mg/kg dry	0.00241	1	11/29/09 06:49	SW846 8260B	MJH	9113806
Xylenes, total	ND		mg/kg dry	0.00603	1	11/29/09 06:49	SW846 8260B	MJH	9113806
Surr: 1,2-Dichloroethane-d4 (67-138%)	92 %					11/29/09 06:49	SW846 8260B	MJH	9113806
Surr: Dibromofluoromethane (75-125%)	97 %					11/29/09 06:49	SW846 8260B	MJH	9113806
Surr: Toluene-d8 (76-129%)	105 %					11/29/09 06:49	SW846 8260B	MJH	9113806
Surr: 4-Bromofluorobenzene (67-147%)	137 %					11/29/09 06:49	SW846 8260B	MJH	9113806

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-07 (519 Laurel Bay Blvd - Soil) - cont. Sampled: 11/18/09 11:30										
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0232	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
Acenaphthylene	ND		mg/kg dry	0.0232	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
Anthracene	0.0901		mg/kg dry	0.0158	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
Benzo (a) anthracene	0.206		mg/kg dry	0.0137	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
Benzo (a) pyrene	0.0419	J	mg/kg dry	0.0158	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
Benzo (b) fluoranthene	0.191		mg/kg dry	0.0180	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0148	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
Benzo (k) fluoranthene	ND		mg/kg dry	0.0201	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
Chrysene	0.235		mg/kg dry	0.0158	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0148	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
Fluoranthene	1.06		mg/kg dry	0.0148	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
Fluorene	0.214		mg/kg dry	0.0137	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0127	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
Naphthalene	ND		mg/kg dry	0.0211	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
Phenanthrene	0.375		mg/kg dry	0.0137	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
Pyrene	1.05		mg/kg dry	0.0127	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
1-Methylnaphthalene	ND		mg/kg dry	0.0180	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
2-Methylnaphthalene	ND		mg/kg dry	0.0190	0.0707	1	11/30/09 21:02	SW846 8270D	RMC	9114377
Surr: Terphenyl-d14 (18-120%)	61 %					1	11/30/09 21:02	SW846 8270D	RMC	9114377
Surr: 2-Fluorobiphenyl (14-120%)	54 %					1	11/30/09 21:02	SW846 8270D	RMC	9114377
Surr: Nitrobenzene-d5 (17-120%)	43 %					1	11/30/09 21:02	SW846 8270D	RMC	9114377

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-08 (527 Laural Bay Blvd - Soil) Sampled: 11/18/09 15:15									
General Chemistry Parameters									
% Dry Solids	91.0		%	0.500	1	12/03/09 09:51	SW-846	DEA	9120240
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		mg/kg dry	0.00243	1	11/29/09 07:20	SW846 8260B	MJH	9113806
Ethylbenzene	ND		mg/kg dry	0.00243	1	11/29/09 07:20	SW846 8260B	MJH	9113806
Naphthalene	ND		mg/kg dry	0.00608	1	11/29/09 07:20	SW846 8260B	MJH	9113806
Toluene	ND		mg/kg dry	0.00243	1	11/29/09 07:20	SW846 8260B	MJH	9113806
Xylenes, total	ND		mg/kg dry	0.00608	1	11/29/09 07:20	SW846 8260B	MJH	9113806
Surr: 1,2-Dichloroethane-d4 (67-138%)	87 %					11/29/09 07:20	SW846 8260B	MJH	9113806
Surr: Dibromofluoromethane (75-125%)	94 %					11/29/09 07:20	SW846 8260B	MJH	9113806
Surr: Toluene-d8 (76-129%)	104 %					11/29/09 07:20	SW846 8260B	MJH	9113806
Surr: 4-Bromofluorobenzene (67-147%)	100 %					11/29/09 07:20	SW846 8260B	MJH	9113806

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-08 (527 Laurel Bay Blvd - Soil) - cont. Sampled: 11/18/09 15:15										
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0242	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
Acenaphthylene	ND		mg/kg dry	0.0242	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
Anthracene	ND		mg/kg dry	0.0165	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
Benzo (a) anthracene	ND		mg/kg dry	0.0143	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
Benzo (a) pyrene	ND		mg/kg dry	0.0165	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
Benzo (b) fluoranthene	ND		mg/kg dry	0.0187	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0154	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
Benzo (k) fluoranthene	ND		mg/kg dry	0.0209	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
Chrysene	ND		mg/kg dry	0.0165	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0154	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
Fluoranthene	ND		mg/kg dry	0.0154	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
Fluorene	ND		mg/kg dry	0.0143	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0132	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
Naphthalene	ND		mg/kg dry	0.0220	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
Phenanthrene	ND		mg/kg dry	0.0143	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
Pyrene	ND		mg/kg dry	0.0132	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
1-Methylnaphthalene	ND		mg/kg dry	0.0187	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
2-Methylnaphthalene	ND		mg/kg dry	0.0198	0.0736	1	11/30/09 21:25	SW846 8270D	RMC	9114377
Surr: Terphenyl-d14 (18-120%)	58 %					1	11/30/09 21:25	SW846 8270D	RMC	9114377
Surr: 2-Fluorobiphenyl (14-120%)	47 %					1	11/30/09 21:25	SW846 8270D	RMC	9114377
Surr: Nitrobenzene-d5 (17-120%)	39 %					1	11/30/09 21:25	SW846 8270D	RMC	9114377

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-09 (531 Laural Bay Blvd - Soil) Sampled: 11/19/09 10:30									
General Chemistry Parameters									
% Dry Solids	81.7		%	0.500	1	12/03/09 09:51	SW-846	DEA	9120240
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		mg/kg dry	0.00200	1	11/29/09 07:50	SW846 8260B	MJH	9113806
Ethylbenzene	0.169		mg/kg dry	0.104	50	11/29/09 23:03	SW846 8260B	KxC	9114859
Naphthalene	8.24		mg/kg dry	0.260	50	11/29/09 23:03	SW846 8260B	KxC	9114859
Toluene	ND	RLI	mg/kg dry	0.104	50	11/29/09 23:03	SW846 8260B	KxC	9114859
Xylenes, total	ND	RLI	mg/kg dry	0.260	50	11/29/09 23:03	SW846 8260B	KxC	9114859
Surr: 1,2-Dichloroethane-d4 (67-138%)	117 %					11/29/09 07:50	SW846 8260B	MJH	9113806
Surr: 1,2-Dichloroethane-d4 (67-138%)	85 %					11/29/09 23:03	SW846 8260B	KxC	9114859
Surr: Dibromofluoromethane (75-125%)	156 %	ZX				11/29/09 07:50	SW846 8260B	MJH	9113806
Surr: Dibromofluoromethane (75-125%)	93 %					11/29/09 23:03	SW846 8260B	KxC	9114859
Surr: Toluene-d8 (76-129%)	149 %	ZX				11/29/09 07:50	SW846 8260B	MJH	9113806
Surr: Toluene-d8 (76-129%)	102 %					11/29/09 23:03	SW846 8260B	KxC	9114859
Surr: 4-Bromofluorobenzene (67-147%)	314 %	ZX				11/29/09 07:50	SW846 8260B	MJH	9113806
Surr: 4-Bromofluorobenzene (67-147%)	111 %					11/29/09 23:03	SW846 8260B	KxC	9114859

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-09 (531 Laurel Bay Blvd - Soil) - cont. Sampled: 11/19/09 10:30										
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	2.67		mg/kg dry	0.264	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
Acenaphthylene	ND		mg/kg dry	0.264	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
Anthracene	0.643	J	mg/kg dry	0.180	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
Benzo (a) anthracene	ND		mg/kg dry	0.156	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
Benzo (a) pyrene	ND		mg/kg dry	0.180	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
Benzo (b) fluoranthene	ND		mg/kg dry	0.204	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
Benzo (g,h,i) perylene	ND		mg/kg dry	0.168	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
Benzo (k) fluoranthene	ND		mg/kg dry	0.228	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
Chrysene	ND		mg/kg dry	0.180	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
Dibenz (a,h) anthracene	ND		mg/kg dry	0.168	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
Fluoranthene	0.435	J	mg/kg dry	0.168	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
Fluorene	4.67		mg/kg dry	0.156	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.144	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
Naphthalene	3.36		mg/kg dry	0.240	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
Phenanthrene	8.87		mg/kg dry	0.156	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
Pyrene	1.33		mg/kg dry	0.144	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
1-Methylnaphthalene	22.6		mg/kg dry	0.204	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
2-Methylnaphthalene	34.2		mg/kg dry	0.216	0.803	10	11/28/09 10:41	SW846 8270D	JLS	9114023
Surr: Terphenyl-d14 (18-120%)	66 %					10	11/28/09 10:41	SW846 8270D	JLS	9114023
Surr: 2-Fluorobiphenyl (14-120%)	50 %					10	11/28/09 10:41	SW846 8270D	JLS	9114023
Surr: Nitrobenzene-d5 (17-120%)	32 %					10	11/28/09 10:41	SW846 8270D	JLS	9114023

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-10 (530 Laural Bay Blvd - Soil) Sampled: 11/19/09 15:15									
General Chemistry Parameters									
% Dry Solids	94.5		%	0.500	1	12/03/09 09:51	SW-846	DEA	9120240
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		mg/kg dry	0.00241	1	11/29/09 08:21	SW846 8260B	MJH	9113806
Ethylbenzene	ND		mg/kg dry	0.00241	1	11/29/09 08:21	SW846 8260B	MJH	9113806
Naphthalene	ND		mg/kg dry	0.00603	1	11/29/09 08:21	SW846 8260B	MJH	9113806
Toluene	ND		mg/kg dry	0.00241	1	11/29/09 08:21	SW846 8260B	MJH	9113806
Xylenes, total	ND		mg/kg dry	0.00603	1	11/29/09 08:21	SW846 8260B	MJH	9113806
Surr: 1,2-Dichloroethane-d4 (67-138%)	97 %					11/29/09 08:21	SW846 8260B	MJH	9113806
Surr: Dibromofluoromethane (75-125%)	100 %					11/29/09 08:21	SW846 8260B	MJH	9113806
Surr: Toluene-d8 (76-129%)	100 %					11/29/09 08:21	SW846 8260B	MJH	9113806
Surr: 4-Bromofluorobenzene (67-147%)	97 %					11/29/09 08:21	SW846 8260B	MJH	9113806

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NSK2070-10 (530 Laurel Bay Blvd - Soil) - cont. Sampled: 11/19/09 15:15										
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0229	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
Acenaphthylene	ND		mg/kg dry	0.0229	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
Anthracene	ND		mg/kg dry	0.0156	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
Benzo (a) anthracene	ND		mg/kg dry	0.0135	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
Benzo (a) pyrene	ND		mg/kg dry	0.0156	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
Benzo (b) fluoranthene	ND		mg/kg dry	0.0177	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0146	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
Benzo (k) fluoranthene	ND		mg/kg dry	0.0198	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
Chrysene	ND		mg/kg dry	0.0156	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0146	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
Fluoranthene	ND		mg/kg dry	0.0146	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
Fluorene	ND		mg/kg dry	0.0135	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0125	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
Naphthalene	ND		mg/kg dry	0.0208	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
Phenanthrene	ND		mg/kg dry	0.0135	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
Pyrene	ND		mg/kg dry	0.0125	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
1-Methylnaphthalene	ND		mg/kg dry	0.0177	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
2-Methylnaphthalene	ND		mg/kg dry	0.0188	0.0698	1	11/27/09 19:39	SW846 8270D	JLS	9114023
Surr: Terphenyl-d14 (18-120%)	57 %					1	11/27/09 19:39	SW846 8270D	JLS	9114023
Surr: 2-Fluorobiphenyl (14-120%)	45 %					1	11/27/09 19:39	SW846 8270D	JLS	9114023
Surr: Nitrobenzene-d5 (17-120%)	38 %					1	11/27/09 19:39	SW846 8270D	JLS	9114023

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 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	9114377	NSK2070-01	30.00	1.00	11/28/09 13:45	HLB	EPA 3550B
SW846 8270D	9114377	NSK2070-02	30.00	1.00	11/28/09 13:45	HLB	EPA 3550B
SW846 8270D	9114377	NSK2070-03	30.00	1.00	11/28/09 13:45	HLB	EPA 3550B
SW846 8270D	9114377	NSK2070-04	30.00	1.00	11/28/09 13:45	HLB	EPA 3550B
SW846 8270D	9114377	NSK2070-05	30.00	1.00	11/28/09 13:45	HLB	EPA 3550B
SW846 8270D	9114377	NSK2070-06	30.00	1.00	11/28/09 13:45	HLB	EPA 3550B
SW846 8270D	9114377	NSK2070-06RE1	30.00	1.00	11/28/09 13:45	HLB	EPA 3550B
SW846 8270D	9114377	NSK2070-07	30.00	1.00	11/28/09 13:45	HLB	EPA 3550B
SW846 8270D	9114377	NSK2070-08	30.00	1.00	11/28/09 13:45	HLB	EPA 3550B
SW846 8270D	9114023	NSK2070-09	30.64	1.00	11/25/09 11:30	TEM	EPA 3550C
SW846 8270D	9114023	NSK2070-09RE1	30.64	1.00	11/25/09 11:30	TEM	EPA 3550C
SW846 8270D	9114023	NSK2070-10	30.46	1.00	11/25/09 11:30	TEM	EPA 3550C
Selected Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	9113727	NSK2070-01	4.22	5.00	11/16/09 09:30	CHH	EPA 5035
SW846 8260B	9113846	NSK2070-01RE1	4.27	5.00	11/16/09 09:30	CHH	EPA 5035
SW846 8260B	9113727	NSK2070-02	4.31	5.00	11/16/09 14:45	CHH	EPA 5035
SW846 8260B	9113806	NSK2070-03	4.22	5.00	11/17/09 09:30	CHH	EPA 5035
SW846 8260B	9113806	NSK2070-04	4.31	5.00	11/17/09 11:30	CHH	EPA 5035
SW846 8260B	9113806	NSK2070-05	4.87	5.00	11/17/09 15:15	CHH	EPA 5035
SW846 8260B	9113806	NSK2070-06	4.42	5.00	11/18/09 09:30	CHH	EPA 5035
SW846 8260B	9114859	NSK2070-06RE1	4.45	5.00	11/18/09 09:30	CHH	EPA 5035
SW846 8260B	9114859	NSK2070-06RE2	4.37	5.00	11/18/09 09:30	CHH	EPA 5035
SW846 8260B	9113806	NSK2070-07	4.38	5.00	11/18/09 11:30	CHH	EPA 5035
SW846 8260B	9113806	NSK2070-08	4.52	5.00	11/18/09 15:15	CHH	EPA 5035
SW846 8260B	9113806	NSK2070-09	6.12	5.00	11/19/09 10:30	CHH	EPA 5035
SW846 8260B	9114859	NSK2070-09RE1	5.88	5.00	11/19/09 10:30	CHH	EPA 5035
SW846 8260B	9113806	NSK2070-10	4.39	5.00	11/19/09 15:15	CHH	EPA 5035

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

PROJECT QUALITY CONTROL DATA

Blank

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

9113727-BLK1

Benzene	<0.000670		mg/kg wet	9113727	9113727-BLK1	11/28/09 01:22
Ethylbenzene	<0.000670		mg/kg wet	9113727	9113727-BLK1	11/28/09 01:22
Naphthalene	<0.00170		mg/kg wet	9113727	9113727-BLK1	11/28/09 01:22
Toluene	<0.000400		mg/kg wet	9113727	9113727-BLK1	11/28/09 01:22
Xylenes, total	<0.00130		mg/kg wet	9113727	9113727-BLK1	11/28/09 01:22
Surrogate: 1,2-Dichloroethane-d4	99%			9113727	9113727-BLK1	11/28/09 01:22
Surrogate: Dibromofluoromethane	99%			9113727	9113727-BLK1	11/28/09 01:22
Surrogate: Toluene-d8	101%			9113727	9113727-BLK1	11/28/09 01:22
Surrogate: 4-Bromofluorobenzene	99%			9113727	9113727-BLK1	11/28/09 01:22

9113806-BLK1

Benzene	<0.000670		mg/kg wet	9113806	9113806-BLK1	11/29/09 04:16
Ethylbenzene	<0.000670		mg/kg wet	9113806	9113806-BLK1	11/29/09 04:16
Naphthalene	<0.00170		mg/kg wet	9113806	9113806-BLK1	11/29/09 04:16
Toluene	<0.000400		mg/kg wet	9113806	9113806-BLK1	11/29/09 04:16
Xylenes, total	<0.00130		mg/kg wet	9113806	9113806-BLK1	11/29/09 04:16
Surrogate: 1,2-Dichloroethane-d4	99%			9113806	9113806-BLK1	11/29/09 04:16
Surrogate: Dibromofluoromethane	97%			9113806	9113806-BLK1	11/29/09 04:16
Surrogate: Toluene-d8	102%			9113806	9113806-BLK1	11/29/09 04:16
Surrogate: 4-Bromofluorobenzene	99%			9113806	9113806-BLK1	11/29/09 04:16

9113846-BLK1

Benzene	<0.000670		mg/kg wet	9113846	9113846-BLK1	11/28/09 14:43
Ethylbenzene	<0.000670		mg/kg wet	9113846	9113846-BLK1	11/28/09 14:43
Naphthalene	<0.00170		mg/kg wet	9113846	9113846-BLK1	11/28/09 14:43
Toluene	<0.000400		mg/kg wet	9113846	9113846-BLK1	11/28/09 14:43
Xylenes, total	<0.00130		mg/kg wet	9113846	9113846-BLK1	11/28/09 14:43
Surrogate: 1,2-Dichloroethane-d4	99%			9113846	9113846-BLK1	11/28/09 14:43
Surrogate: Dibromofluoromethane	102%			9113846	9113846-BLK1	11/28/09 14:43
Surrogate: Toluene-d8	100%			9113846	9113846-BLK1	11/28/09 14:43
Surrogate: 4-Bromofluorobenzene	98%			9113846	9113846-BLK1	11/28/09 14:43

9114859-BLK1

Benzene	<0.000670		mg/kg wet	9114859	9114859-BLK1	11/29/09 18:58
Ethylbenzene	<0.000670		mg/kg wet	9114859	9114859-BLK1	11/29/09 18:58
Naphthalene	<0.00170		mg/kg wet	9114859	9114859-BLK1	11/29/09 18:58
Toluene	<0.000400		mg/kg wet	9114859	9114859-BLK1	11/29/09 18:58
Xylenes, total	<0.00130		mg/kg wet	9114859	9114859-BLK1	11/29/09 18:58
Surrogate: 1,2-Dichloroethane-d4	88%			9114859	9114859-BLK1	11/29/09 18:58
Surrogate: Dibromofluoromethane	97%			9114859	9114859-BLK1	11/29/09 18:58
Surrogate: Toluene-d8	102%			9114859	9114859-BLK1	11/29/09 18:58
Surrogate: 4-Bromofluorobenzene	98%			9114859	9114859-BLK1	11/29/09 18:58

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

PROJECT QUALITY CONTROL DATA Blank - Cont.

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

9114859-BLK2

Benzene	<0.0335		mg/kg wet	9114859	9114859-BLK2	11/29/09 19:28
Ethylbenzene	<0.0335		mg/kg wet	9114859	9114859-BLK2	11/29/09 19:28
Naphthalene	<0.0850		mg/kg wet	9114859	9114859-BLK2	11/29/09 19:28
Toluene	<0.0200		mg/kg wet	9114859	9114859-BLK2	11/29/09 19:28
Xylenes, total	<0.0650		mg/kg wet	9114859	9114859-BLK2	11/29/09 19:28
Surrogate: 1,2-Dichloroethane-d4	85%			9114859	9114859-BLK2	11/29/09 19:28
Surrogate: Dibromofluoromethane	92%			9114859	9114859-BLK2	11/29/09 19:28
Surrogate: Toluene-d8	100%			9114859	9114859-BLK2	11/29/09 19:28
Surrogate: 4-Bromofluorobenzene	99%			9114859	9114859-BLK2	11/29/09 19:28

Polyaromatic Hydrocarbons by EPA 8270D

9114023-BLK1

Acenaphthene	<0.0220		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
Acenaphthylene	<0.0220		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
Anthracene	<0.0150		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
Benzo (a) anthracene	<0.0130		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
Benzo (a) pyrene	<0.0150		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
Benzo (b) fluoranthene	<0.0170		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
Benzo (g,h,i) perylene	<0.0140		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
Benzo (k) fluoranthene	<0.0190		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
Chrysene	<0.0150		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
Dibenz (a,h) anthracene	<0.0140		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
Fluoranthene	<0.0140		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
Fluorene	<0.0130		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
Indeno (1,2,3-cd) pyrene	<0.0120		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
Naphthalene	<0.0200		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
Phenanthrene	<0.0130		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
Pyrene	<0.0120		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
1-Methylnaphthalene	<0.0170		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
2-Methylnaphthalene	<0.0180		mg/kg wet	9114023	9114023-BLK1	11/27/09 17:44
Surrogate: Terphenyl-d14	79%			9114023	9114023-BLK1	11/27/09 17:44
Surrogate: 2-Fluorobiphenyl	48%			9114023	9114023-BLK1	11/27/09 17:44
Surrogate: Nitrobenzene-d5	43%			9114023	9114023-BLK1	11/27/09 17:44

9114377-BLK1

Acenaphthene	<0.0220		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15
Acenaphthylene	<0.0220		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15
Anthracene	<0.0150		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15
Benzo (a) anthracene	<0.0130		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15
Benzo (a) pyrene	<0.0150		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15
Benzo (b) fluoranthene	<0.0170		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 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						
9114377-BLK1						
Benzo (g,h,i) perylene	<0.0140		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15
Benzo (k) fluoranthene	<0.0190		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15
Chrysene	<0.0150		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15
Dibenz (a,h) anthracene	<0.0140		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15
Fluoranthene	<0.0140		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15
Fluorene	<0.0130		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15
Indeno (1,2,3-cd) pyrene	<0.0120		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15
Naphthalene	<0.0200		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15
Phenanthrene	<0.0130		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15
Pyrene	<0.0120		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15
1-Methylnaphthalene	<0.0170		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15
2-Methylnaphthalene	<0.0180		mg/kg wet	9114377	9114377-BLK1	11/30/09 17:15
Surrogate: Terphenyl-d14	74%			9114377	9114377-BLK1	11/30/09 17:15
Surrogate: 2-Fluorobiphenyl	44%			9114377	9114377-BLK1	11/30/09 17:15
Surrogate: Nitrobenzene-d5	41%			9114377	9114377-BLK1	11/30/09 17:15

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 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										
9120240-DUP1										
% Dry Solids	79.8	79.5		%	0.4	20	9120240	NSK2034-02		12/03/09 09:51

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 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								
9113727-BS1								
Benzene	50.0	49.4		ug/kg	99%	78 - 126	9113727	11/27/09 23:50
Ethylbenzene	50.0	49.6		ug/kg	99%	79 - 130	9113727	11/27/09 23:50
Naphthalene	50.0	45.7		ug/kg	91%	72 - 150	9113727	11/27/09 23:50
Toluene	50.0	49.9		ug/kg	100%	76 - 126	9113727	11/27/09 23:50
Xylenes, total	150	148		ug/kg	99%	80 - 130	9113727	11/27/09 23:50
Surrogate: 1,2-Dichloroethane-d4	50.0	47.3			95%	67 - 138	9113727	11/27/09 23:50
Surrogate: Dibromofluoromethane	50.0	50.3			101%	75 - 125	9113727	11/27/09 23:50
Surrogate: Toluene-d8	50.0	50.9			102%	76 - 129	9113727	11/27/09 23:50
Surrogate: 4-Bromofluorobenzene	50.0	48.3			97%	67 - 147	9113727	11/27/09 23:50
9113806-BS1								
Benzene	50.0	43.8		ug/kg	88%	78 - 126	9113806	11/29/09 02:14
Ethylbenzene	50.0	42.7		ug/kg	85%	79 - 130	9113806	11/29/09 02:14
Naphthalene	50.0	39.8		ug/kg	80%	72 - 150	9113806	11/29/09 02:14
Toluene	50.0	43.3		ug/kg	87%	76 - 126	9113806	11/29/09 02:14
Xylenes, total	150	128		ug/kg	85%	80 - 130	9113806	11/29/09 02:14
Surrogate: 1,2-Dichloroethane-d4	50.0	48.2			96%	67 - 138	9113806	11/29/09 02:14
Surrogate: Dibromofluoromethane	50.0	50.1			100%	75 - 125	9113806	11/29/09 02:14
Surrogate: Toluene-d8	50.0	49.8			100%	76 - 129	9113806	11/29/09 02:14
Surrogate: 4-Bromofluorobenzene	50.0	50.0			100%	67 - 147	9113806	11/29/09 02:14
9113846-BS1								
Benzene	50.0	47.6		ug/kg	95%	78 - 126	9113846	11/28/09 13:11
Ethylbenzene	50.0	49.6		ug/kg	99%	79 - 130	9113846	11/28/09 13:11
Naphthalene	50.0	46.2		ug/kg	92%	72 - 150	9113846	11/28/09 13:11
Toluene	50.0	49.2		ug/kg	98%	76 - 126	9113846	11/28/09 13:11
Xylenes, total	150	150		ug/kg	100%	80 - 130	9113846	11/28/09 13:11
Surrogate: 1,2-Dichloroethane-d4	50.0	50.2			100%	67 - 138	9113846	11/28/09 13:11
Surrogate: Dibromofluoromethane	50.0	51.0			102%	75 - 125	9113846	11/28/09 13:11
Surrogate: Toluene-d8	50.0	50.1			100%	76 - 129	9113846	11/28/09 13:11
Surrogate: 4-Bromofluorobenzene	50.0	47.4			95%	67 - 147	9113846	11/28/09 13:11
9114859-BS1								
Benzene	50.0	51.7		ug/kg	103%	78 - 126	9114859	11/29/09 17:25
Ethylbenzene	50.0	51.8		ug/kg	104%	79 - 130	9114859	11/29/09 17:25
Naphthalene	50.0	52.7		ug/kg	105%	72 - 150	9114859	11/29/09 17:25
Toluene	50.0	51.9		ug/kg	104%	76 - 126	9114859	11/29/09 17:25
Xylenes, total	150	154		ug/kg	103%	80 - 130	9114859	11/29/09 17:25
Surrogate: 1,2-Dichloroethane-d4	50.0	44.2			88%	67 - 138	9114859	11/29/09 17:25
Surrogate: Dibromofluoromethane	50.0	48.8			98%	75 - 125	9114859	11/29/09 17:25
Surrogate: Toluene-d8	50.0	50.4			101%	76 - 129	9114859	11/29/09 17:25
Surrogate: 4-Bromofluorobenzene	50.0	48.4			97%	67 - 147	9114859	11/29/09 17:25

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
Polyaromatic Hydrocarbons by EPA 8270D								
9114023-BS1								
Acenaphthene	1.67	1.17		mg/kg wet	70%	49 - 120	9114023	11/27/09 18:07
Acenaphthylene	1.67	1.20		mg/kg wet	72%	52 - 120	9114023	11/27/09 18:07
Anthracene	1.67	1.34		mg/kg wet	81%	58 - 120	9114023	11/27/09 18:07
Benzo (a) anthracene	1.67	1.25		mg/kg wet	75%	57 - 120	9114023	11/27/09 18:07
Benzo (a) pyrene	1.67	1.28		mg/kg wet	77%	55 - 120	9114023	11/27/09 18:07
Benzo (b) fluoranthene	1.67	1.23		mg/kg wet	74%	51 - 123	9114023	11/27/09 18:07
Benzo (g,h,i) perylene	1.67	1.33		mg/kg wet	80%	49 - 121	9114023	11/27/09 18:07
Benzo (k) fluoranthene	1.67	1.24		mg/kg wet	74%	42 - 129	9114023	11/27/09 18:07
Chrysene	1.67	1.25		mg/kg wet	75%	55 - 120	9114023	11/27/09 18:07
Dibenz (a,h) anthracene	1.67	1.33		mg/kg wet	80%	50 - 123	9114023	11/27/09 18:07
Fluoranthene	1.67	1.19		mg/kg wet	72%	58 - 120	9114023	11/27/09 18:07
Fluorene	1.67	1.22		mg/kg wet	73%	54 - 120	9114023	11/27/09 18:07
Indeno (1,2,3-cd) pyrene	1.67	1.35		mg/kg wet	81%	50 - 122	9114023	11/27/09 18:07
Naphthalene	1.67	1.05		mg/kg wet	63%	28 - 120	9114023	11/27/09 18:07
Phenanthrene	1.67	1.21		mg/kg wet	72%	56 - 120	9114023	11/27/09 18:07
Pyrene	1.67	1.32		mg/kg wet	79%	56 - 120	9114023	11/27/09 18:07
1-Methylnaphthalene	1.67	1.01		mg/kg wet	61%	36 - 120	9114023	11/27/09 18:07
2-Methylnaphthalene	1.67	1.09		mg/kg wet	65%	36 - 120	9114023	11/27/09 18:07
Surrogate: Terphenyl-d14	1.67	1.25			75%	18 - 120	9114023	11/27/09 18:07
Surrogate: 2-Fluorobiphenyl	1.67	1.01			61%	14 - 120	9114023	11/27/09 18:07
Surrogate: Nitrobenzene-d5	1.67	0.860			52%	17 - 120	9114023	11/27/09 18:07
9114377-BS1								
Acenaphthene	1.67	0.991		mg/kg wet	59%	49 - 120	9114377	11/30/09 17:37
Acenaphthylene	1.67	1.02		mg/kg wet	61%	52 - 120	9114377	11/30/09 17:37
Anthracene	1.67	1.12		mg/kg wet	67%	58 - 120	9114377	11/30/09 17:37
Benzo (a) anthracene	1.67	1.06		mg/kg wet	64%	57 - 120	9114377	11/30/09 17:37
Benzo (a) pyrene	1.67	1.06		mg/kg wet	64%	55 - 120	9114377	11/30/09 17:37
Benzo (b) fluoranthene	1.67	1.10		mg/kg wet	66%	51 - 123	9114377	11/30/09 17:37
Benzo (g,h,i) perylene	1.67	0.992		mg/kg wet	59%	49 - 121	9114377	11/30/09 17:37
Benzo (k) fluoranthene	1.67	0.940		mg/kg wet	56%	42 - 129	9114377	11/30/09 17:37
Chrysene	1.67	1.00		mg/kg wet	60%	55 - 120	9114377	11/30/09 17:37
Dibenz (a,h) anthracene	1.67	1.06		mg/kg wet	63%	50 - 123	9114377	11/30/09 17:37
Fluoranthene	1.67	1.05		mg/kg wet	63%	58 - 120	9114377	11/30/09 17:37
Fluorene	1.67	1.08		mg/kg wet	65%	54 - 120	9114377	11/30/09 17:37
Indeno (1,2,3-cd) pyrene	1.67	1.08		mg/kg wet	65%	50 - 122	9114377	11/30/09 17:37
Naphthalene	1.67	0.903		mg/kg wet	54%	28 - 120	9114377	11/30/09 17:37
Phenanthrene	1.67	1.00		mg/kg wet	60%	56 - 120	9114377	11/30/09 17:37
Pyrene	1.67	1.05		mg/kg wet	63%	56 - 120	9114377	11/30/09 17:37

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 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								
9114377-BS1								
1-Methylnaphthalene	1.67	0.878		mg/kg wct	53%	36 - 120	9114377	11/30/09 17:37
2-Methylnaphthalene	1.67	0.965		mg/kg wct	58%	36 - 120	9114377	11/30/09 17:37
Surrogate: Terphenyl-d14	1.67	0.977			59%	18 - 120	9114377	11/30/09 17:37
Surrogate: 2-Fluorobiphenyl	1.67	0.863			52%	14 - 120	9114377	11/30/09 17:37
Surrogate: Nitrobenzene-d5	1.67	0.788			47%	17 - 120	9114377	11/30/09 17:37

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 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												
9113727-BSD1												
Benzene		48.9		ug/kg	50.0	98%	78 - 126	1	50	9113727		11/28/09 00:21
Ethylbenzene		48.0		ug/kg	50.0	96%	79 - 130	3	50	9113727		11/28/09 00:21
Naphthalene		45.1		ug/kg	50.0	90%	72 - 150	1	50	9113727		11/28/09 00:21
Toluene		48.2		ug/kg	50.0	96%	76 - 126	4	50	9113727		11/28/09 00:21
Xylenes, total		143		ug/kg	150	95%	80 - 130	4	50	9113727		11/28/09 00:21
Surrogate: 1,2-Dichloroethane-d4		48.4		ug/kg	50.0	97%	67 - 138			9113727		11/28/09 00:21
Surrogate: Dibromofluoromethane		50.9		ug/kg	50.0	102%	75 - 125			9113727		11/28/09 00:21
Surrogate: Toluene-d8		50.1		ug/kg	50.0	100%	76 - 129			9113727		11/28/09 00:21
Surrogate: 4-Bromofluorobenzene		48.0		ug/kg	50.0	96%	67 - 147			9113727		11/28/09 00:21
9113806-BSD1												
Benzene		45.9		ug/kg	50.0	92%	78 - 126	5	50	9113806		11/29/09 02:44
Ethylbenzene		43.6		ug/kg	50.0	87%	79 - 130	2	50	9113806		11/29/09 02:44
Naphthalene		40.3		ug/kg	50.0	81%	72 - 150	1	50	9113806		11/29/09 02:44
Toluene		44.2		ug/kg	50.0	88%	76 - 126	2	50	9113806		11/29/09 02:44
Xylenes, total		130		ug/kg	150	87%	80 - 130	2	50	9113806		11/29/09 02:44
Surrogate: 1,2-Dichloroethane-d4		47.6		ug/kg	50.0	95%	67 - 138			9113806		11/29/09 02:44
Surrogate: Dibromofluoromethane		49.3		ug/kg	50.0	99%	75 - 125			9113806		11/29/09 02:44
Surrogate: Toluene-d8		50.6		ug/kg	50.0	101%	76 - 129			9113806		11/29/09 02:44
Surrogate: 4-Bromofluorobenzene		49.8		ug/kg	50.0	100%	67 - 147			9113806		11/29/09 02:44
9113846-BSD1												
Benzene		45.1		ug/kg	50.0	90%	78 - 126	5	50	9113846		11/28/09 13:41
Ethylbenzene		46.2		ug/kg	50.0	92%	79 - 130	7	50	9113846		11/28/09 13:41
Naphthalene		45.5		ug/kg	50.0	91%	72 - 150	2	50	9113846		11/28/09 13:41
Toluene		46.2		ug/kg	50.0	92%	76 - 126	6	50	9113846		11/28/09 13:41
Xylenes, total		139		ug/kg	150	93%	80 - 130	7	50	9113846		11/28/09 13:41
Surrogate: 1,2-Dichloroethane-d4		50.2		ug/kg	50.0	100%	67 - 138			9113846		11/28/09 13:41
Surrogate: Dibromofluoromethane		50.4		ug/kg	50.0	101%	75 - 125			9113846		11/28/09 13:41
Surrogate: Toluene-d8		50.2		ug/kg	50.0	100%	76 - 129			9113846		11/28/09 13:41
Surrogate: 4-Bromofluorobenzene		48.9		ug/kg	50.0	98%	67 - 147			9113846		11/28/09 13:41
9114859-BSD1												
Benzene		52.2		ug/kg	50.0	104%	78 - 126	1	50	9114859		11/29/09 17:56
Ethylbenzene		52.7		ug/kg	50.0	105%	79 - 130	2	50	9114859		11/29/09 17:56
Naphthalene		52.0		ug/kg	50.0	104%	72 - 150	1	50	9114859		11/29/09 17:56
Toluene		52.6		ug/kg	50.0	105%	76 - 126	1	50	9114859		11/29/09 17:56
Xylenes, total		155		ug/kg	150	104%	80 - 130	0.9	50	9114859		11/29/09 17:56
Surrogate: 1,2-Dichloroethane-d4		44.7		ug/kg	50.0	89%	67 - 138			9114859		11/29/09 17:56
Surrogate: Dibromofluoromethane		50.1		ug/kg	50.0	100%	75 - 125			9114859		11/29/09 17:56
Surrogate: Toluene-d8		51.0		ug/kg	50.0	102%	76 - 129			9114859		11/29/09 17:56

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
9114859-BSD1												
<i>Surrogate: 4-Bromofluorobenzene</i>		48.1		ug/kg	50.0	96%	67 - 147			9114859		11/29/09 17:56

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 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										
9113727-MS1										
Benzene	5.37	38.8		ug/kg	50.0	67%	42 - 141	9113727	NSK1964-03	11/28/09 09:32
Ethylbenzene	1.43	34.2		ug/kg	50.0	66%	21 - 165	9113727	NSK1964-03	11/28/09 09:32
Naphthalene	0.754	17.5		ug/kg	50.0	34%	10 - 160	9113727	NSK1964-03	11/28/09 09:32
Toluene	10.9	43.8		ug/kg	50.0	66%	45 - 145	9113727	NSK1964-03	11/28/09 09:32
Xylenes, total	14.3	111		ug/kg	150	64%	31 - 159	9113727	NSK1964-03	11/28/09 09:32
Surrogate: 1,2-Dichloroethane-d4		51.6		ug/kg	50.0	103%	67 - 138	9113727	NSK1964-03	11/28/09 09:32
Surrogate: Dibromofluoromethane		51.9		ug/kg	50.0	104%	75 - 125	9113727	NSK1964-03	11/28/09 09:32
Surrogate: Toluene-d8		51.0		ug/kg	50.0	102%	76 - 129	9113727	NSK1964-03	11/28/09 09:32
Surrogate: 4-Bromofluorobenzene		47.8		ug/kg	50.0	96%	67 - 147	9113727	NSK1964-03	11/28/09 09:32
9113806-MS1										
Benzene	ND	47.2		ug/kg	50.0	94%	42 - 141	9113806	NSK2070-04	11/29/09 11:24
Ethylbenzene	ND	43.2		ug/kg	50.0	86%	21 - 165	9113806	NSK2070-04	11/29/09 11:24
Naphthalene	ND	19.2		ug/kg	50.0	38%	10 - 160	9113806	NSK2070-04	11/29/09 11:24
Toluene	0.272	45.5		ug/kg	50.0	90%	45 - 145	9113806	NSK2070-04	11/29/09 11:24
Xylenes, total	0.308	127		ug/kg	150	84%	31 - 159	9113806	NSK2070-04	11/29/09 11:24
Surrogate: 1,2-Dichloroethane-d4		44.8		ug/kg	50.0	90%	67 - 138	9113806	NSK2070-04	11/29/09 11:24
Surrogate: Dibromofluoromethane		49.3		ug/kg	50.0	99%	75 - 125	9113806	NSK2070-04	11/29/09 11:24
Surrogate: Toluene-d8		51.8		ug/kg	50.0	104%	76 - 129	9113806	NSK2070-04	11/29/09 11:24
Surrogate: 4-Bromofluorobenzene		49.8		ug/kg	50.0	100%	67 - 147	9113806	NSK2070-04	11/29/09 11:24
9113846-MS1										
Benzene	ND	38.5		ug/kg	50.0	77%	42 - 141	9113846	NSK2177-01	11/28/09 23:10
Ethylbenzene	ND	40.7		ug/kg	50.0	81%	21 - 165	9113846	NSK2177-01	11/28/09 23:10
Naphthalene	ND	24.4		ug/kg	50.0	49%	10 - 160	9113846	NSK2177-01	11/28/09 23:10
Toluene	ND	39.8		ug/kg	50.0	80%	45 - 145	9113846	NSK2177-01	11/28/09 23:10
Xylenes, total	0.424	121		ug/kg	150	81%	31 - 159	9113846	NSK2177-01	11/28/09 23:10
Surrogate: 1,2-Dichloroethane-d4		48.6		ug/kg	50.0	97%	67 - 138	9113846	NSK2177-01	11/28/09 23:10
Surrogate: Dibromofluoromethane		50.4		ug/kg	50.0	101%	75 - 125	9113846	NSK2177-01	11/28/09 23:10
Surrogate: Toluene-d8		51.4		ug/kg	50.0	103%	76 - 129	9113846	NSK2177-01	11/28/09 23:10
Surrogate: 4-Bromofluorobenzene		49.8		ug/kg	50.0	100%	67 - 147	9113846	NSK2177-01	11/28/09 23:10
9114859-MS1										
Benzene	ND	2.32		mg/kg dry	2.60	89%	42 - 141	9114859	NSK2070-09RE I	11/30/09 09:40
Ethylbenzene	0.169	2.52		mg/kg dry	2.60	90%	21 - 165	9114859	NSK2070-09RE I	11/30/09 09:40
Naphthalene	8.24	8.92		mg/kg dry	2.60	26%	10 - 160	9114859	NSK2070-09RE I	11/30/09 09:40

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

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
Selected Volatile Organic Compounds by EPA Method 8260B										
9114859-MS1										
Toluene	ND	2.34		mg/kg dry	2.60	90%	45 - 145	9114859	NSK2070-09RE I	11/30/09 09:40
Xylenes, total	0.181	7.27		mg/kg dry	7.81	91%	31 - 159	9114859	NSK2070-09RE I	11/30/09 09:40
Surrogate: 1,2-Dichloroethane-d4		45.7		ug/kg	50.0	91%	67 - 138	9114859	NSK2070-09RE I	11/30/09 09:40
Surrogate: Dibromofluoromethane		49.9		ug/kg	50.0	100%	75 - 125	9114859	NSK2070-09RE I	11/30/09 09:40
Surrogate: Toluene-d8		49.8		ug/kg	50.0	100%	76 - 129	9114859	NSK2070-09RE I	11/30/09 09:40
Surrogate: 4-Bromofluorobenzene		52.5		ug/kg	50.0	105%	67 - 147	9114859	NSK2070-09RE I	11/30/09 09:40

Polyaromatic Hydrocarbons by EPA 8270D

9114023-MS1

Acenaphthene	ND	2.83		mg/kg dry	4.03	70%	42 - 120	9114023	NSK2085-01	11/27/09 18:30
Acenaphthylene	ND	2.88		mg/kg dry	4.03	71%	32 - 120	9114023	NSK2085-01	11/27/09 18:30
Anthracene	ND	3.32		mg/kg dry	4.03	82%	10 - 200	9114023	NSK2085-01	11/27/09 18:30
Benzo (a) anthracene	ND	2.97		mg/kg dry	4.03	74%	41 - 120	9114023	NSK2085-01	11/27/09 18:30
Benzo (a) pyrene	ND	3.16		mg/kg dry	4.03	78%	33 - 121	9114023	NSK2085-01	11/27/09 18:30
Benzo (b) fluoranthene	ND	2.74		mg/kg dry	4.03	68%	26 - 137	9114023	NSK2085-01	11/27/09 18:30
Benzo (g,h,i) perylene	ND	3.32		mg/kg dry	4.03	82%	21 - 124	9114023	NSK2085-01	11/27/09 18:30
Benzo (k) fluoranthene	ND	3.35		mg/kg dry	4.03	83%	14 - 140	9114023	NSK2085-01	11/27/09 18:30
Chrysene	ND	2.90		mg/kg dry	4.03	72%	28 - 123	9114023	NSK2085-01	11/27/09 18:30
Dibenz (a,h) anthracene	ND	3.29		mg/kg dry	4.03	82%	25 - 127	9114023	NSK2085-01	11/27/09 18:30
Fluoranthene	ND	3.01		mg/kg dry	4.03	75%	38 - 120	9114023	NSK2085-01	11/27/09 18:30
Fluorene	ND	3.07		mg/kg dry	4.03	76%	41 - 120	9114023	NSK2085-01	11/27/09 18:30
Indeno (1,2,3-cd) pyrene	ND	3.35		mg/kg dry	4.03	83%	25 - 123	9114023	NSK2085-01	11/27/09 18:30
Naphthalene	ND	2.82		mg/kg dry	4.03	70%	25 - 120	9114023	NSK2085-01	11/27/09 18:30
Phenanthrene	ND	3.01		mg/kg dry	4.03	75%	37 - 120	9114023	NSK2085-01	11/27/09 18:30
Pyrene	ND	3.10		mg/kg dry	4.03	77%	29 - 125	9114023	NSK2085-01	11/27/09 18:30
1-Methylnaphthalene	ND	2.72		mg/kg dry	4.03	67%	19 - 120	9114023	NSK2085-01	11/27/09 18:30
2-Methylnaphthalene	ND	2.94		mg/kg dry	4.03	73%	11 - 120	9114023	NSK2085-01	11/27/09 18:30
Surrogate: Terphenyl-d14		1.39		mg/kg dry	2.02	69%	18 - 120	9114023	NSK2085-01	11/27/09 18:30
Surrogate: 2-Fluorobiphenyl		1.07		mg/kg dry	2.02	53%	14 - 120	9114023	NSK2085-01	11/27/09 18:30
Surrogate: Nitrobenzene-d5		1.02		mg/kg dry	2.02	51%	17 - 120	9114023	NSK2085-01	11/27/09 18:30

9114377-MS1

Acenaphthene	3.71	1.47	M2	mg/kg dry	1.72	-130%	42 - 120	9114377	NSK2070-06	11/30/09 18:00
Acenaphthylene	2.32	1.67	M2	mg/kg dry	1.72	-38%	32 - 120	9114377	NSK2070-06	11/30/09 18:00
Anthracene	0.0799	1.34		mg/kg dry	1.72	73%	10 - 200	9114377	NSK2070-06	11/30/09 18:00

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D										
9114377-MS1										
Benzo (a) anthracene	0.0779	0.947		mg/kg dry	1.72	51%	41 - 120	9114377	NSK2070-06	11/30/09 18:00
Benzo (a) pyrene	0.0507	0.981		mg/kg dry	1.72	54%	33 - 121	9114377	NSK2070-06	11/30/09 18:00
Benzo (b) fluoranthene	0.147	1.12		mg/kg dry	1.72	56%	26 - 137	9114377	NSK2070-06	11/30/09 18:00
Benzo (g,h,i) perylene	ND	0.991		mg/kg dry	1.72	58%	21 - 124	9114377	NSK2070-06	11/30/09 18:00
Benzo (k) fluoranthene	0.175	0.837		mg/kg dry	1.72	38%	14 - 140	9114377	NSK2070-06	11/30/09 18:00
Chrysene	0.0817	1.00		mg/kg dry	1.72	54%	28 - 123	9114377	NSK2070-06	11/30/09 18:00
Dibenz (a,h) anthracene	ND	0.945		mg/kg dry	1.72	55%	25 - 127	9114377	NSK2070-06	11/30/09 18:00
Fluoranthene	0.103	1.27		mg/kg dry	1.72	68%	38 - 120	9114377	NSK2070-06	11/30/09 18:00
Fluorene	1.57	1.42	M2	mg/kg dry	1.72	-9%	41 - 120	9114377	NSK2070-06	11/30/09 18:00
Indeno (1,2,3-cd) pyrene	ND	0.995		mg/kg dry	1.72	58%	25 - 123	9114377	NSK2070-06	11/30/09 18:00
Naphthalene	ND	0.926		mg/kg dry	1.72	54%	25 - 120	9114377	NSK2070-06	11/30/09 18:00
Phenanthrene	0.0612	1.25		mg/kg dry	1.72	69%	37 - 120	9114377	NSK2070-06	11/30/09 18:00
Pyrene	0.287	1.30		mg/kg dry	1.72	59%	29 - 125	9114377	NSK2070-06	11/30/09 18:00
1-Methylnaphthalene	ND	1.28		mg/kg dry	1.72	74%	19 - 120	9114377	NSK2070-06	11/30/09 18:00
2-Methylnaphthalene	ND	1.34		mg/kg dry	1.72	78%	11 - 120	9114377	NSK2070-06	11/30/09 18:00
Surrogate: Terphenyl-d14		0.926		mg/kg dry	1.72	54%	18 - 120	9114377	NSK2070-06	11/30/09 18:00
Surrogate: 2-Fluorobiphenyl		1.28		mg/kg dry	1.72	74%	14 - 120	9114377	NSK2070-06	11/30/09 18:00
Surrogate: Nitrobenzene-d5		0.728		mg/kg dry	1.72	42%	17 - 120	9114377	NSK2070-06	11/30/09 18:00

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 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												
9113727-MSD1												
Benzene	4.97	39.6		ug/kg	50.0	69%	42 - 141	2	50	9113727	NSK1964-03	11/28/09 10:03
Ethylbenzene	1.32	35.7		ug/kg	50.0	69%	21 - 165	4	50	9113727	NSK1964-03	11/28/09 10:03
Naphthalene	0.698	15.8		ug/kg	50.0	30%	10 - 160	10	50	9113727	NSK1964-03	11/28/09 10:03
Toluene	10.1	45.4		ug/kg	50.0	71%	45 - 145	4	50	9113727	NSK1964-03	11/28/09 10:03
Xylenes, total	13.3	115		ug/kg	150	68%	31 - 159	4	50	9113727	NSK1964-03	11/28/09 10:03
Surrogate: 1,2-Dichloroethane-d4		52.2		ug/kg	50.0	104%	67 - 138			9113727	NSK1964-03	11/28/09 10:03
Surrogate: Dibromofluoromethane		52.0		ug/kg	50.0	104%	75 - 125			9113727	NSK1964-03	11/28/09 10:03
Surrogate: Toluene-d8		51.3		ug/kg	50.0	103%	76 - 129			9113727	NSK1964-03	11/28/09 10:03
Surrogate: 4-Bromofluorobenzene		49.6		ug/kg	50.0	99%	67 - 147			9113727	NSK1964-03	11/28/09 10:03
9113806-MSD1												
Benzene	ND	52.5		ug/kg	50.0	105%	42 - 141	11	50	9113806	NSK2070-04	11/29/09 11:55
Ethylbenzene	ND	50.3		ug/kg	50.0	101%	21 - 165	15	50	9113806	NSK2070-04	11/29/09 11:55
Naphthalene	ND	28.3		ug/kg	50.0	57%	10 - 160	38	50	9113806	NSK2070-04	11/29/09 11:55
Toluene	0.276	51.9		ug/kg	50.0	103%	45 - 145	13	50	9113806	NSK2070-04	11/29/09 11:55
Xylenes, total	0.312	146		ug/kg	150	97%	31 - 159	14	50	9113806	NSK2070-04	11/29/09 11:55
Surrogate: 1,2-Dichloroethane-d4		44.2		ug/kg	50.0	88%	67 - 138			9113806	NSK2070-04	11/29/09 11:55
Surrogate: Dibromofluoromethane		48.7		ug/kg	50.0	97%	75 - 125			9113806	NSK2070-04	11/29/09 11:55
Surrogate: Toluene-d8		51.2		ug/kg	50.0	102%	76 - 129			9113806	NSK2070-04	11/29/09 11:55
Surrogate: 4-Bromofluorobenzene		51.0		ug/kg	50.0	102%	67 - 147			9113806	NSK2070-04	11/29/09 11:55
9113846-MSD1												
Benzene	ND	40.5		ug/kg	50.0	81%	42 - 141	5	50	9113846	NSK2177-01	11/28/09 23:41
Ethylbenzene	ND	41.7		ug/kg	50.0	83%	21 - 165	2	50	9113846	NSK2177-01	11/28/09 23:41
Naphthalene	ND	31.7		ug/kg	50.0	63%	10 - 160	26	50	9113846	NSK2177-01	11/28/09 23:41
Toluene	ND	40.9		ug/kg	50.0	82%	45 - 145	3	50	9113846	NSK2177-01	11/28/09 23:41
Xylenes, total	0.449	125		ug/kg	150	83%	31 - 159	3	50	9113846	NSK2177-01	11/28/09 23:41
Surrogate: 1,2-Dichloroethane-d4		50.1		ug/kg	50.0	100%	67 - 138			9113846	NSK2177-01	11/28/09 23:41
Surrogate: Dibromofluoromethane		50.7		ug/kg	50.0	101%	75 - 125			9113846	NSK2177-01	11/28/09 23:41
Surrogate: Toluene-d8		50.7		ug/kg	50.0	101%	76 - 129			9113846	NSK2177-01	11/28/09 23:41
Surrogate: 4-Bromofluorobenzene		48.2		ug/kg	50.0	96%	67 - 147			9113846	NSK2177-01	11/28/09 23:41
9114859-MSD1												
Benzene	ND	2.42		mg/kg dry	2.60	93%	42 - 141	4	50	9114859	NSK2070-09RE I	11/30/09 10:10
Ethylbenzene	0.169	2.61		mg/kg dry	2.60	94%	21 - 165	4	50	9114859	NSK2070-09RE I	11/30/09 10:10
Naphthalene	8.24	9.29		mg/kg dry	2.60	40%	10 - 160	4	50	9114859	NSK2070-09RE I	11/30/09 10:10
Toluene	ND	2.41		mg/kg dry	2.60	93%	45 - 145	3	50	9114859	NSK2070-09RE I	11/30/09 10:10
Xylenes, total	0.181	7.51		mg/kg dry	7.81	94%	31 - 159	3	50	9114859	NSK2070-09RE I	11/30/09 10:10

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

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
Selected Volatile Organic Compounds by EPA Method 8260B												
9114859-MSD1												
Surrogate: 1,2-Dichloroethane-d4		47.3		ug/kg	50.0	95%	67 - 138			9114859	NSK2070-09RE	11/30/09 10:10
Surrogate: Dibromofluoromethane		50.1		ug/kg	50.0	100%	75 - 125			9114859	NSK2070-09RE	11/30/09 10:10
Surrogate: Toluene-d8		49.6		ug/kg	50.0	99%	76 - 129			9114859	NSK2070-09RE	11/30/09 10:10
Surrogate: 4-Bromofluorobenzene		52.4		ug/kg	50.0	105%	67 - 147			9114859	NSK2070-09RE	11/30/09 10:10
Polyaromatic Hydrocarbons by EPA 8270D												
9114023-MSD1												
Acenaphthene	ND	1.46	A-01	mg/kg dry	1.97	74%	42 - 120	64	40	9114023	NSK2085-01	11/27/09 18:53
Acenaphthylene	ND	1.47	A-01	mg/kg dry	1.97	74%	32 - 120	65	30	9114023	NSK2085-01	11/27/09 18:53
Anthracene	ND	1.60	A-01	mg/kg dry	1.97	81%	10 - 200	70	50	9114023	NSK2085-01	11/27/09 18:53
Benzo (a) anthracene	ND	1.53	A-01	mg/kg dry	1.97	78%	41 - 120	64	30	9114023	NSK2085-01	11/27/09 18:53
Benzo (a) pyrene	ND	1.51	A-01	mg/kg dry	1.97	76%	33 - 121	71	33	9114023	NSK2085-01	11/27/09 18:53
Benzo (b) fluoranthene	ND	1.44	A-01	mg/kg dry	1.97	73%	26 - 137	62	42	9114023	NSK2085-01	11/27/09 18:53
Benzo (g,h,i) perylene	ND	1.59	A-01	mg/kg dry	1.97	81%	21 - 124	70	32	9114023	NSK2085-01	11/27/09 18:53
Benzo (k) fluoranthene	ND	1.53	A-01	mg/kg dry	1.97	78%	14 - 140	75	39	9114023	NSK2085-01	11/27/09 18:53
Chrysene	ND	1.47	A-01	mg/kg dry	1.97	75%	28 - 123	65	34	9114023	NSK2085-01	11/27/09 18:53
Dibenz (a,h) anthracene	ND	1.60	A-01	mg/kg dry	1.97	81%	25 - 127	69	31	9114023	NSK2085-01	11/27/09 18:53
Fluoranthene	ND	1.46	A-01	mg/kg dry	1.97	74%	38 - 120	69	35	9114023	NSK2085-01	11/27/09 18:53
Fluorene	ND	1.50	A-01	mg/kg dry	1.97	76%	41 - 120	69	37	9114023	NSK2085-01	11/27/09 18:53
Indeno (1,2,3-cd) pyrene	ND	1.62	A-01	mg/kg dry	1.97	82%	25 - 123	69	32	9114023	NSK2085-01	11/27/09 18:53
Naphthalene	ND	1.29	A-01	mg/kg dry	1.97	65%	25 - 120	75	42	9114023	NSK2085-01	11/27/09 18:53
Phenanthrene	ND	1.51	A-01	mg/kg dry	1.97	77%	37 - 120	66	32	9114023	NSK2085-01	11/27/09 18:53
Pyrene	ND	1.57	A-01	mg/kg dry	1.97	80%	29 - 125	65	40	9114023	NSK2085-01	11/27/09 18:53
1-Methylnaphthalene	ND	1.25	A-01	mg/kg dry	1.97	63%	19 - 120	74	45	9114023	NSK2085-01	11/27/09 18:53
2-Methylnaphthalene	ND	1.34	A-01	mg/kg dry	1.97	68%	11 - 120	75	50	9114023	NSK2085-01	11/27/09 18:53
Surrogate: Terphenyl-d14		1.48		mg/kg dry	1.97	75%	18 - 120			9114023	NSK2085-01	11/27/09 18:53
Surrogate: 2-Fluorobiphenyl		1.11		mg/kg dry	1.97	56%	14 - 120			9114023	NSK2085-01	11/27/09 18:53
Surrogate: Nitrobenzene-d5		0.962		mg/kg dry	1.97	49%	17 - 120			9114023	NSK2085-01	11/27/09 18:53
9114377-MSD1												
Acenaphthene	3.71	1.91	M2	mg/kg dry	1.72	-105%	42 - 120	26	40	9114377	NSK2070-06	11/30/09 18:23
Acenaphthylene	2.32	2.32	M2	mg/kg dry	1.72	0%	32 - 120	33	30	9114377	NSK2070-06	11/30/09 18:23
Anthracene	0.0799	1.83		mg/kg dry	1.72	101%	10 - 200	31	50	9114377	NSK2070-06	11/30/09 18:23
Benzo (a) anthracene	0.0779	1.02		mg/kg dry	1.72	55%	41 - 120	7	30	9114377	NSK2070-06	11/30/09 18:23
Benzo (a) pyrene	0.0507	1.04		mg/kg dry	1.72	58%	33 - 121	6	33	9114377	NSK2070-06	11/30/09 18:23
Benzo (b) fluoranthene	0.147	0.998		mg/kg dry	1.72	49%	26 - 137	11	42	9114377	NSK2070-06	11/30/09 18:23
Benzo (g,h,i) perylene	ND	1.10		mg/kg dry	1.72	64%	21 - 124	10	32	9114377	NSK2070-06	11/30/09 18:23
Benzo (k) fluoranthene	0.175	1.14		mg/kg dry	1.72	56%	14 - 140	31	39	9114377	NSK2070-06	11/30/09 18:23
Chrysene	0.0817	1.06		mg/kg dry	1.72	57%	28 - 123	6	34	9114377	NSK2070-06	11/30/09 18:23

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D												
9114377-MSD1												
Dibenz (a,h) anthracene	ND	1.03		mg/kg dry	1.72	60%	25 - 127	9	31	9114377	NSK2070-06	11/30/09 18:23
Fluoranthene	0.103	1.55		mg/kg dry	1.72	84%	38 - 120	19	35	9114377	NSK2070-06	11/30/09 18:23
Fluorene	1.57	1.78	M2	mg/kg dry	1.72	12%	41 - 120	22	37	9114377	NSK2070-06	11/30/09 18:23
Indeno (1,2,3-cd) pyrene	ND	1.10		mg/kg dry	1.72	64%	25 - 123	10	32	9114377	NSK2070-06	11/30/09 18:23
Naphthalene	ND	0.917		mg/kg dry	1.72	53%	25 - 120	1	42	9114377	NSK2070-06	11/30/09 18:23
Phenanthrene	0.0612	1.50		mg/kg dry	1.72	83%	37 - 120	18	32	9114377	NSK2070-06	11/30/09 18:23
Pyrene	0.287	1.31		mg/kg dry	1.72	59%	29 - 125	0.7	40	9114377	NSK2070-06	11/30/09 18:23
1-Methylnaphthalene	ND	1.10		mg/kg dry	1.72	64%	19 - 120	15	45	9114377	NSK2070-06	11/30/09 18:23
2-Methylnaphthalene	ND	1.21		mg/kg dry	1.72	70%	11 - 120	10	50	9114377	NSK2070-06	11/30/09 18:23
Surrogate: Terphenyl-d14		0.964		mg/kg dry	1.72	56%	18 - 120			9114377	NSK2070-06	11/30/09 18:23
Surrogate: 2-Fluorobiphenyl		1.69		mg/kg dry	1.72	98%	14 - 120			9114377	NSK2070-06	11/30/09 18:23
Surrogate: Nitrobenzene-d5		0.675		mg/kg dry	1.72	39%	17 - 120			9114377	NSK2070-06	11/30/09 18:23

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

Work Order: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 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: NSK2070
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 11/20/09 08:15

DATA QUALIFIERS AND DEFINITIONS

A-01 RPD exceeded QC limits due to double spiking of MSD during extraction. All individual analyte recoveries meet QC requirements. No effect on data.

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.

M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

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

TestAmerica

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Client Name/Account #: EEG # 2449

Address: 10179 Highway 78

City/State/Zip: Ladson, SC 29456

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

Telephone Number: 843.412.2097

Sampler Name: (Print)

Sampler Signature:

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

NSK2070
12/07/09 23:59

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

Yes ☐ No ☐
Compliance Monitoring? Yes ☐ No ☐
Enforcement Action? Yes ☐ No ☐

Site State: SC
PO#: 02329
TA Quote #:
Project ID: Laurel Bay Housing Project
Project #:

Sample ID / Description	Date Sampled	Time Sampled	No of Containers Shipped	Grab	Composite	Field Filtered	Ice	HNO ₃ (Red Label)	HOAc (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 - 8260B	PAH - 8270D	RUSH TAT (Pre-Schedule)
423 E. Herbersey	11/16/09	0930	5	X																		
425 E. Herbersey	11/16/09	1445	5	X																		
505 Laurel Bay Blvd.	11/17/09	0930	5	X																		
507 Laurel Bay Blvd.	11/17/09	1130	5	X																		
511 Laurel Bay Blvd.	11/17/09	1515	5	X																		
515 Laurel Bay Blvd.	11/18/09	0930	5	X																		
519 Laurel Bay Blvd.	11/18/09	1130	5	X																		
527 Laurel Bay Blvd.	11/18/09	1515	5	X																		
531 Laurel Bay Blvd.	11/19/09	1030	5	X																		
530 Laurel Bay Blvd.	11/19/09	1515	5	X																		

Special Instructions:

Relinquished by: *[Signature]* Date: 11/19/09 Time: 1900

Relinquished by: *[Signature]* Date: 11/19/09 Time: 0815

Method of Shipment: FEDEX

Received by: *[Signature]* Date: 11/19/09 Time: 0815

Received by TestAmerica: *[Signature]* Date: 11/19/09 Time: 0815

Laboratory Comments: Temperature Upon Receipt: 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 10885448		
4. Generator's Phone 843 228-8480		B. State Generator's ID		
5. Transporter 1 Company Name EEG, Inc.		6. US EPA ID Number		C. State Transporter's ID
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 843 879-0411
9. Designated Facility Name and Site Address HICKORY HILL LANDFILL ROUTE 1, BOX 121 RIDGELAND SC 29936		10. US EPA ID Number		E. State Transporter's ID
				F. Transporter's Phone
				G. State Facility's ID
				H. Facility's Phone 843 987-4843
11. Description of Waste Materials		12. Containers No.	13. Total Quantity	14. Unit Wt./Vol.
a. Heating Oil Tank filled with Sand		1	11.87	
WM Profile # 1028558C		001		
b.				
WM Profile #				
c.				
WM Profile #				
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		
Landfill _____ Solidification _____		Cell _____ Level _____		
Bio Remediation _____		Grid _____		
15. Special Handling Instructions and Additional Information 6 EA UST's from: D 519 Laurel Bay Blvd. ✓ 3 531 Laurel Bay Blvd. ✓ 5 532 Laurel Bay Blvd. ✓ 4 530 Laurel Bay Blvd. ✓ 6 534 Laurel Bay Blvd. ✓		EMERGENCY CONTACT:		
Purchase Order # 529 Laurel Bay Blvd.				
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. Duke, Jr.		Signature "On behalf of" <i>[Signature]</i>		Month Day Year 11 12 09
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name Joe Weston		Signature <i>[Signature]</i>		Month Day Year 11 12 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 Toni Colfield		Signature <i>[Signature]</i>		Month Day Year 11 12 09

Appendix C
Laboratory Analytical Report - Groundwater

Volatile Organic Compounds by GC/MS

Client: AECOM - Resolution Consultants				Laboratory ID: QF10006-018			
Description: BEALB531TW01WG20150610				Matrix: Aqueous			
Date Sampled: 06/10/2015 1315							
Date Received: 06/11/2015							

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	06/16/2015 0535	PMM2		77325

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	LOD	DL	Units	Run
Benzene	71-43-2	8260B	0.45	U	5.0	0.45	0.21	ug/L	1
Ethylbenzene	100-41-4	8260B	0.51	U	5.0	0.51	0.21	ug/L	1
Naphthalene	91-20-3	8260B	0.96	U	5.0	0.96	0.14	ug/L	1
Toluene	108-88-3	8260B	0.48	U	5.0	0.48	0.24	ug/L	1
Xylenes (total)	1330-20-7	8260B	0.57	U	5.0	0.57	0.19	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		84	75-120
1,2-Dichloroethane-d4		91	70-120
Toluene-d8		87	85-120
Dibromofluoromethane		87	85-115

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

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

Level 1 Report v2.1

Semivolatile Organic Compounds by GC/MS (SIM)

Client: **AECOM - Resolution Consultants**Laboratory ID: **QF10006-018**Description: **BEALB531TW01WG20150610**Matrix: **Aqueous**Date Sampled: **06/10/2015 1315**Date Received: **06/11/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch			
1	3520C	8270D (SIM)	1	06/19/2015 2033	RBH	06/11/2015 1657	77073			
Parameter	CAS Number		Analytical Method	Result	Q	LOQ	LOD	DL	Units	Run
Benzo(a)anthracene	56-55-3		8270D (SIM)	0.040	U	0.20	0.040	0.019	ug/L	1
Benzo(b)fluoranthene	205-99-2		8270D (SIM)	0.040	U	0.20	0.040	0.019	ug/L	1
Benzo(k)fluoranthene	207-08-9		8270D (SIM)	0.040	U	0.20	0.040	0.024	ug/L	1
Chrysene	218-01-9		8270D (SIM)	0.040	U	0.20	0.040	0.021	ug/L	1
Dibenzo(a,h)anthracene	53-70-3		8270D (SIM)	0.080	U	0.20	0.080	0.040	ug/L	1
Surrogate	Q	Run 1 % Recovery	Acceptance Limits							
2-Methylnaphthalene-d10		68	15-139							
Fluoranthene-d10		72	23-154							

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

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

Level 1 Report v2.1

Appendix D
Regulatory Correspondence

D H E C

PROMOTE PROTECT PROSPER

Catherine B. Templeton, Director

May 15, 2014

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

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

Dear Mr. Drawdy,

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

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

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

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

Sincerely,



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

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

D H E C

PROMOTE PROTECT PROSPER

Catherine B. Templeton, Director

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

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

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

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

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



Catherine E. Heigel, Director

Promoting and protecting the health of the public and the environment

Division of Waste Management
Bureau of Land and Waste Management

February 22, 2016

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

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

Dear Mr. Drawdy,

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

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

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

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

Sincerely,

Laurel Petrus
RCRA Federal Facilities Section

Attachment: Specific Property Recommendations

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

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

Draft Final Initial Groundwater Investigation Report for (143 addresses)

Permanent Monitoring Well Investigation recommendation (52 addresses)

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

No Further Action recommendation (91 addresses):

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

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