

SUMMARY REPORT  
131 BALSAM STREET (FORMERLY 203 BALSAM STREET)  
LAUREL BAY MILITARY HOUSING AREA  
MARINE CORPS AIR STATION BEAUFORT  
BEAUFORT, SC

Revision: 0  
Prepared for:

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

and



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

JUNE 2021

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Prepared by:



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

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

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### List of Acronyms

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

## 1.0 INTRODUCTION

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

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

This report summarizes the results the environmental investigation activities associated with the storage of home heating oil and the potential release of petroleum constituents at the referenced property. Based on the results of the investigation, a No Further Action (NFA) determination has been made by the South Carolina Department of Health and Environmental Control (SCDHEC) for 131 Balsam Street (Formerly 203 Balsam Street). This NFA determination indicates that there are no unacceptable risks to human health or the environment for the petroleum constituents associated with the home heating oil USTs. The following information is included in this report:

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

### 1.1 Background Information

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

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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*

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*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 131 Balsam Street (Formerly 203 Balsam Street). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 203 Balsam Street* (MCAS Beaufort, 2011). The UST Assessment Report is provided in Appendix B.

### 2.1 UST Removal and Soil Sampling

On September 29, 2011, a single 280 gallon heating oil UST was removed from the landscaped area adjacent to the driveway at 131 Balsam Street (Formerly 203 Balsam Street). The former UST location is indicated on Figures 2 and 3 of the UST Assessment Report (Appendix B). The UST was removed and properly disposed of (i.e., shipped offsite for recycling or transported to a landfill). There was no visual evidence (i.e., staining or sheen) of petroleum impact at the time of the UST removal. According to the UST Assessment Report (Appendix B), the depth to the base of the UST was 6'1" 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 131 Balsam Street (Formerly 203 Balsam Street) were less than the SCDHEC RBSLs, which indicated the subsurface was not impacted by COPCs associated with the former UST at concentrations that presented a potential risk to human health and the environment.

## 3.0 PROPERTY STATUS

Based on the analytical results for soil, SCDHEC made the determination that NFA was required for 131 Balsam Street (203 Balsam Street). This NFA determination was obtained in a letter dated July 1, 2015. SCDHEC's NFA letter is provided in Appendix C.

## 4.0 REFERENCES

Marine Corps Air Station Beaufort, 2011. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 203 Balsam Street, Laurel Bay Military Housing Area*, December 2011.

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



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

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

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

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

## Table

**Table 1**  
**Laboratory Analytical Results - Soil**  
**131 Balsam Street (Formerly 203 Balsam Street)**  
**Laurel Bay Military Housing Area**  
**Marine Corps Air Station Beaufort**  
**Beaufort, South Carolina**

Constituent	SCDHEC RBSLs <sup>(1)</sup>	Results Sample Collected 09/29/11
<b>Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)</b>		
Benzene	0.003	ND
Ethylbenzene	1.15	ND
Naphthalene	0.036	ND
Toluene	0.627	ND
Xylenes, Total	13.01	ND
<b>Semivolatile Organic Compounds Analyzed by EPA Method 8270D (mg/kg)</b>		
Benzo(a)anthracene	0.66	ND
Benzo(b)fluoranthene	0.66	ND
Benzo(k)fluoranthene	0.66	ND
Chrysene	0.66	ND
Dibenz(a,h)anthracene	0.66	ND

**Notes:**

<sup>(1)</sup> South Carolina Risk-Based Screening Levels from the Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 3.0 and 3.1 (SCDHEC, May 2015 and SCDHEC, February 2016) and the Underground Storage Tank Assessment Guidelines (SCDHEC, February 2006).

Bold font indicates the analyte was detected.

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

EPA - United States Environmental Protection Agency

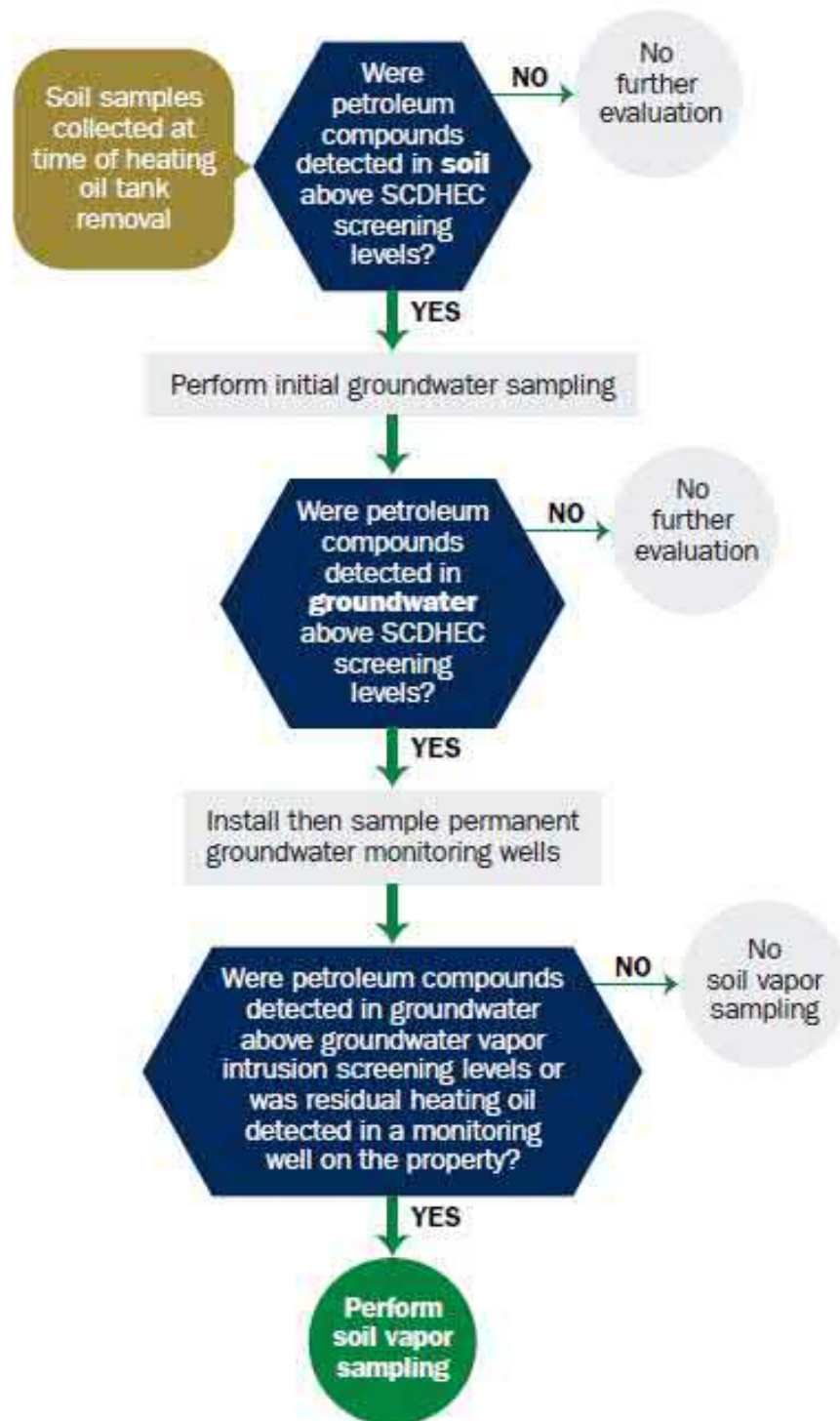
mg/kg - milligram per kilogram

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

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

**Appendix A**  
**Multi-Media Selection Process for LBMH**



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**

<b>Date Received</b>
State Use Only

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

**RECEIVED**

DEC 08 2011

SC DHEC - Bureau of  
Land & Waste Management

**I. OWNERSHIP OF UST (S)**

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

**II. SITE IDENTIFICATION AND LOCATION**

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

### III. INSURANCE INFORMATION

#### Insurance Statement

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

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

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

My policy provider is: \_\_\_\_\_  
The policy deductible is: \_\_\_\_\_  
The policy limit is: \_\_\_\_\_

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

### IV. REQUEST FOR SUPERB FUNDING

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

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

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

\_\_\_\_\_  
Name (Type or print.)

\_\_\_\_\_  
Signature

#### To be completed by Notary Public:

Sworn before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
(Name)

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



**VI. UST INFORMATION**

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

203Balsam		
Heating oil		
280 gal		
Late 1950s		
Steel		
Mid 80s		
6'1"		
No		
No		
Removed		
9/29/2011		
Yes		
Yes		

M. Method of disposal for any USTs removed from the ground (attach disposal manifests)  
UST 203Balsam was removed from the ground, and disposed at a  
Subtitle "D" landfill. See Attachment "A".

N. Method of disposal for any liquid petroleum, sludges, or wastewaters removed from the USTs (attach disposal manifests)  
UST 203Balsam 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 present throughout the tank.

## VII. PIPING INFORMATION

- A. Construction Material..(ex. Steel, FRP).....
- B. Distance from UST to Dispenser.....
- C. Number of Dispensers.....
- D. Type of System Pressure or Suction.....
- E. Was Piping Removed from the Ground? Y/N
- F. Visible Corrosion or Pitting Y/N.....
- G. Visible Holes Y/N.....
- H. Age.....

203Balsam		
Steel & Copper		
N/A		
N/A		
Suction		
No		
Yes		
No		
Late 1950s		

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

Steel vent piping was corroded and pitted. All copper supply and return piping 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
<p>A. Were any petroleum-stained or contaminated soils found in the UST excavation, soil borings, trenches, or monitoring wells?</p> <p>If yes, indicate depth and location on the site map.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>B. Were any petroleum odors detected in the excavation, soil borings, trenches, or monitoring wells?</p> <p>If yes, indicate location on site map and describe the odor (strong, mild, etc.)</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>C. Was water present in the UST excavation, soil borings, or trenches?</p> <p>If yes, how far below land surface (indicate location and depth)?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>D. Did contaminated soils remain stockpiled on site after closure?</p> <p>If yes, indicate the stockpile location on the site map.</p> <p>Name of DHEC representative authorizing soil removal:</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>E. Was a petroleum sheen or free product detected on any excavation or boring waters?</p> <p>If yes, indicate location and thickness.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## X. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number 84009

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA #
203 Balsam	Excav at fill end	Soil	Sandy	6' 1"	9/29/11 1200 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.

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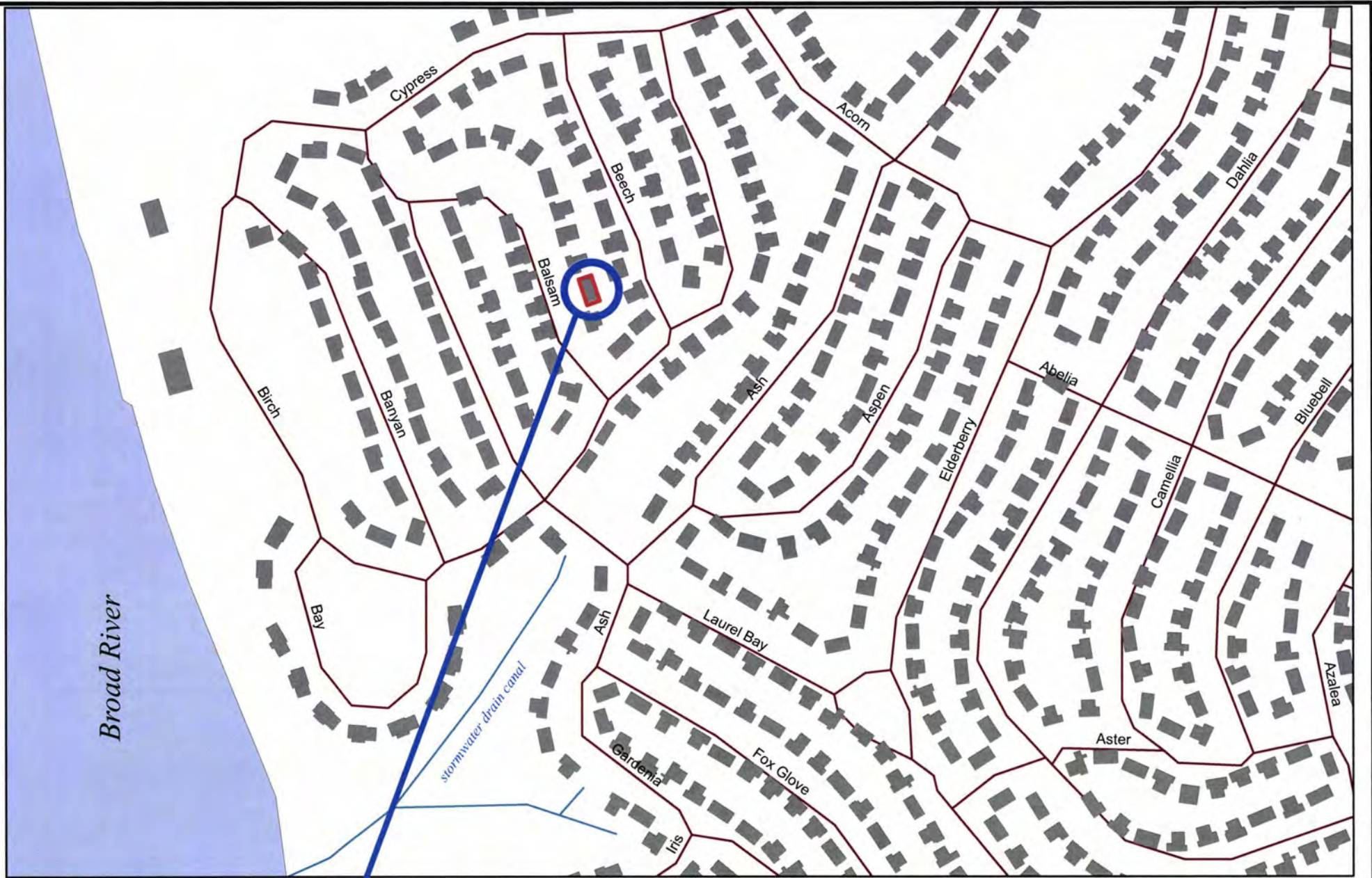
## XII. RECEPTORS

	Yes	No
<p>A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system?  <span style="margin-left: 300px;">*Approx 485' to stormwater canal</span></p> <p>If yes, indicate type of receptor, distance, and direction on site map.</p>	*X	
<p>B. Are there any public, private, or irrigation water supply wells within 1000 feet of the UST system?</p> <p>If yes, indicate type of well, distance, and direction on site map.</p>		X
<p>C. Are there any underground structures (e.g., basements) Located within 100 feet of the UST system?</p> <p>If yes, indicate type of structure, distance, and direction on site map.</p>		X
<p>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?  <span style="margin-left: 300px;">*Sewer, water, electricity, cable &amp; fiber optic</span></p> <p>If yes, indicate the type of utility, distance, and direction on the site map.</p>	*X	
<p>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?</p> <p>If yes, indicate the area of contaminated soil on the site map.</p>		X

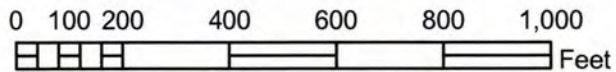
### **XIII. SITE MAP**

**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)




**203 BALSAM DR.**

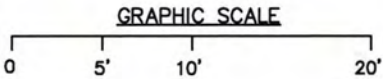
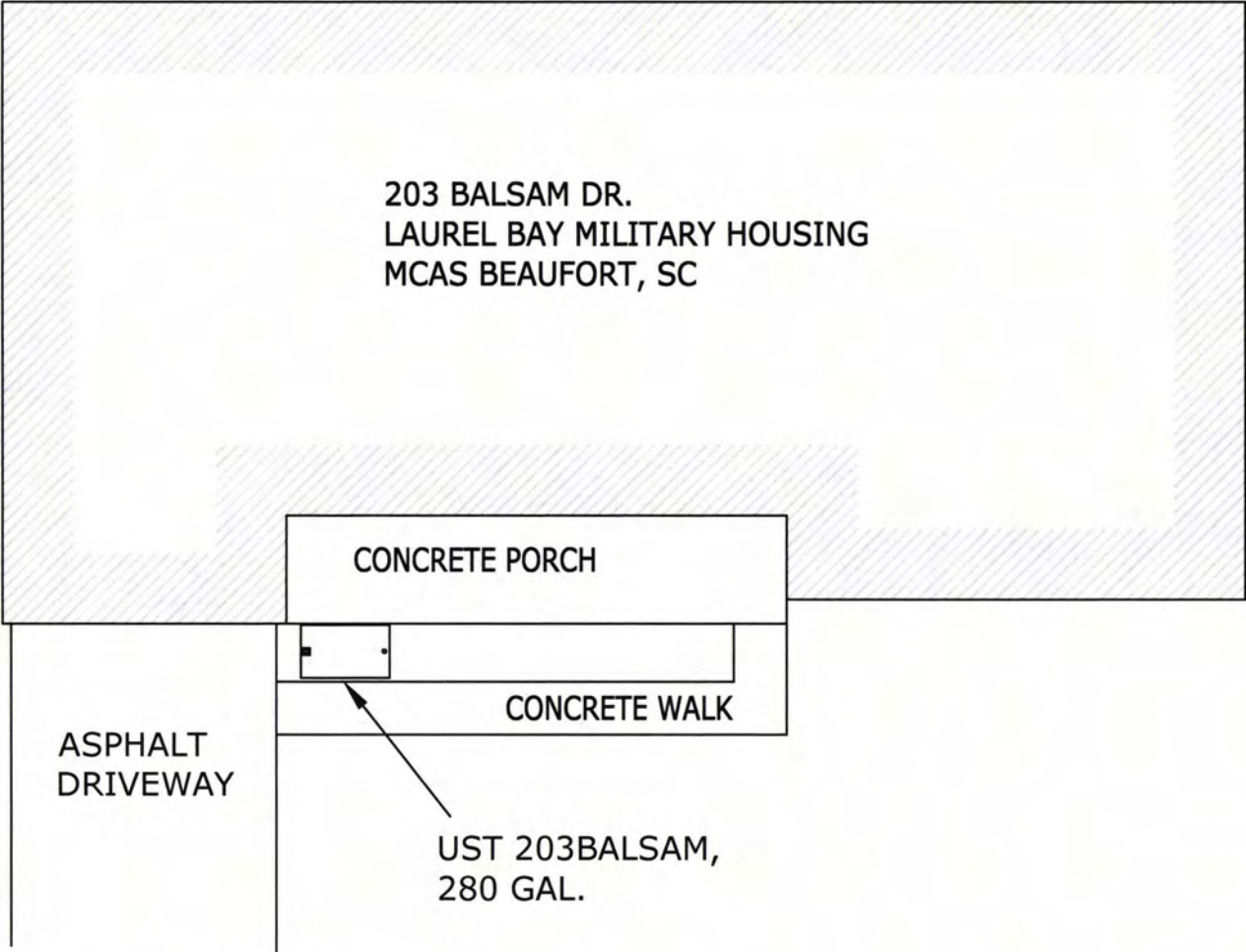


**SBG-EEG, Inc.**  
 398 E. 5th North Street, Suite C  
 Summerville SC 29483-6954  
 Ph. (843) 875-1930  
 Drawn By: L. DiAsio  
 Dwg Date: OCT 2011

**FIGURE 1: LOCATION MAP  
 203 BALSAM DR.  
 LAUREL BAY, BEAUFORT SC**



STORMWATER CANAL  $\approx$  485' 



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

FIGURE 2 SITE MAP  
 203 BALSAM DR., LAUREL BAY  
 MCAS BEAUFORT SC

SCALE: GRAPHIC	DWG DATE OCT 2011
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203 BALSAM DR.

EXCAVATION

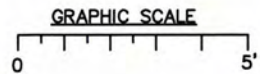
FILL END

UST 203BALSAM  
280 GAL.

SOIL SAMPLE  
203 BALSAM



STORMWATER CANAL  $\approx$  485' 



TANK WAS 37" BELOW GRADE

**SBG-EEG**

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

FIGURE 3 UST SAMPLE LOCATIONS  
203 BALSAM DR., LAUREL BAY  
MCAS BEAUFORT SC

SCALE: GRAPHIC

DWG DATE OCT 2011



Picture 1: Location of UST 203Balsam.



Picture 2: UST 203Balsam excavation.

**XIV. SUMMARY OF ANALYSIS RESULTS**

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

CoC	UST	203Balsam					
Benzene		ND					
Toluene		ND					
Ethylbenzene		ND					
Xylenes		ND					
Naphthalene		ND					
Benzo (a) anthracene		ND					
Benzo (b) fluoranthene		ND					
Benzo (k) fluoranthene		ND					
Chrysene		ND					
Dibenz (a, h) anthracene		ND					
TPH (EPA 3550)							

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

**SUMMARY OF ANALYSIS RESULTS (cont'd)**

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

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

## **XV. ANALYTICAL RESULTS**

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

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

October 18, 2011 9:10:45AM

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

Work Order: NUJ0011  
Project Name: Laurel Bay Housing Project  
Project Nbr: [none]  
P/O Nbr: 1027  
Date Received: 09/30/11

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
150 Laurel Bay	NUJ0011-01	09/27/11 11:15
200 Balsam	NUJ0011-02	09/28/11 12:00
203 Balsam	NUJ0011-03	09/29/11 12:00

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.

Additional Laboratory Comments: \*\*\*Revised Report 10/18/2011\*\*

Corrected sample date per COC.

Replaces report dated 10/12/2011 at 16:50.

South Carolina Certification Number: 84009

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

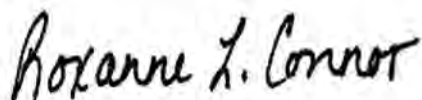
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

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

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Roxanne Connor

Program Manager - Conventional Accounts

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

Work Order: NUJ0011  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 09/30/11 08:15

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
<b>Sample ID: NUJ0011-01 (150 Laurel Bay - Soil) Sampled: 09/27/11 11:15</b>										
General Chemistry Parameters										
% Dry Solids	83.7		%	0.500	0.500	1	10/06/11 11:13	SW846	RRS	11J0811
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00102	0.00186	1	10/06/11 15:03	SW846 8260B	KKK	11J1301
Ethylbenzene	ND		mg/kg dry	0.00102	0.00186	1	10/06/11 15:03	SW846 8260B	KKK	11J1301
Naphthalene	ND		mg/kg dry	0.00232	0.00464	1	10/06/11 15:03	SW846 8260B	KKK	11J1301
Toluene	ND		mg/kg dry	0.00102	0.00186	1	10/06/11 15:03	SW846 8260B	KKK	11J1301
Xylenes, total	ND		mg/kg dry	0.00232	0.00464	1	10/06/11 15:03	SW846 8260B	KKK	11J1301
Surr: 1,2-Dichloroethane-d4 (70-130%)	110 %					1	10/06/11 15:03	SW846 8260B	KKK	11J1301
Surr: Dibromofluoromethane (70-130%)	112 %					1	10/06/11 15:03	SW846 8260B	KKK	11J1301
Surr: Toluene-d8 (70-130%)	91 %					1	10/06/11 15:03	SW846 8260B	KKK	11J1301
Surr: 4-Bromofluorobenzene (70-130%)	96 %					1	10/06/11 15:03	SW846 8260B	KKK	11J1301
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Acenaphthylene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Anthracene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Benzo (a) anthracene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Benzo (a) pyrene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Benzo (b) fluoranthene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Benzo (k) fluoranthene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Chrysene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Fluoranthene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Fluorene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Naphthalene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Phenanthrene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Pyrene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
1-Methylnaphthalene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
2-Methylnaphthalene	ND		mg/kg dry	0.0402	0.0793	1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Surr: Terphenyl-d14 (18-120%)	70 %					1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Surr: 2-Fluorobiphenyl (14-120%)	65 %					1	10/02/11 00:04	SW846 8270D	KJP	11J0015
Surr: Nitrobenzene-d5 (17-120%)	60 %					1	10/02/11 00:04	SW846 8270D	KJP	11J0015



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

Work Order: NUJ0011  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 09/30/11 08:15

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
<b>Sample ID: NUJ0011-02 (200 Balsam - Soil) Sampled: 09/28/11 12:00</b>										
General Chemistry Parameters										
% Dry Solids	90.5		%	0.500	0.500	1	10/06/11 11:13	SW846	RRS	11J0811
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00126	0.00229	1	10/06/11 15:33	SW846 8260B	KKK	11J1301
Ethylbenzene	ND		mg/kg dry	0.00126	0.00229	1	10/06/11 15:33	SW846 8260B	KKK	11J1301
Naphthalene	ND		mg/kg dry	0.00287	0.00573	1	10/06/11 15:33	SW846 8260B	KKK	11J1301
Toluene	ND		mg/kg dry	0.00126	0.00229	1	10/06/11 15:33	SW846 8260B	KKK	11J1301
Xylenes, total	ND		mg/kg dry	0.00287	0.00573	1	10/06/11 15:33	SW846 8260B	KKK	11J1301
Surr: 1,2-Dichloroethane-d4 (70-130%)	111 %					1	10/06/11 15:33	SW846 8260B	KKK	11J1301
Surr: Dibromofluoromethane (70-130%)	111 %					1	10/06/11 15:33	SW846 8260B	KKK	11J1301
Surr: Toluene-d8 (70-130%)	90 %					1	10/06/11 15:33	SW846 8260B	KKK	11J1301
Surr: 4-Bromofluorobenzene (70-130%)	98 %					1	10/06/11 15:33	SW846 8260B	KKK	11J1301
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Acenaphthylene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Anthracene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Benzo (a) anthracene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Benzo (a) pyrene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Benzo (b) fluoranthene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Benzo (k) fluoranthene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Chrysene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Fluoranthene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Fluorene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Naphthalene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Phenanthrene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Pyrene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
1-Methylnaphthalene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
2-Methylnaphthalene	ND		mg/kg dry	0.0369	0.0728	1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Surr: Terphenyl-d14 (18-120%)	63 %					1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Surr: 2-Fluorobiphenyl (14-120%)	59 %					1	10/02/11 00:24	SW846 8270D	KJP	11J0015
Surr: Nitrobenzene-d5 (17-120%)	55 %					1	10/02/11 00:24	SW846 8270D	KJP	11J0015

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

Work Order: NUJ0011  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 09/30/11 08:15

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
<b>Sample ID: NUJ0011-03 (203 Balsam - Soil) Sampled: 09/29/11 12:00</b>										
General Chemistry Parameters										
% Dry Solids	80.3		%	0.500	0.500	1	10/06/11 11:13	SW-846	RRS	11J0811
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00122	0.00222	1	10/06/11 16:04	SW846 8260B	KKK	11J1301
Ethylbenzene	ND		mg/kg dry	0.00122	0.00222	1	10/06/11 16:04	SW846 8260B	KKK	11J1301
Naphthalene	ND		mg/kg dry	0.00278	0.00556	1	10/06/11 16:04	SW846 8260B	KKK	11J1301
Toluene	ND		mg/kg dry	0.00122	0.00222	1	10/06/11 16:04	SW846 8260B	KKK	11J1301
Xylenes, total	ND		mg/kg dry	0.00278	0.00556	1	10/06/11 16:04	SW846 8260B	KKK	11J1301
Surr: 1,2-Dichloroethane-d4 (70-130%)	109 %					1	10/06/11 16:04	SW846 8260B	KKK	11J1301
Surr: Dibromofluoromethane (70-130%)	113 %					1	10/06/11 16:04	SW846 8260B	KKK	11J1301
Surr: Toluene-d8 (70-130%)	95 %					1	10/06/11 16:04	SW846 8260B	KKK	11J1301
Surr: 4-Bromofluorobenzene (70-130%)	108 %					1	10/06/11 16:04	SW846 8260B	KKK	11J1301
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Acenaphthylene	ND		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Anthracene	ND		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Benzo (a) anthracene	ND		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Benzo (a) pyrene	ND		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Benzo (b) fluoranthene	ND		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Benzo (g,h,i) perylene	0.102		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Benzo (k) fluoranthene	ND		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Chrysene	ND		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Fluoranthene	ND		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Fluorene	ND		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Indeno (1,2,3-cd) pyrene	0.106		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Naphthalene	ND		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Phenanthrene	ND		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Pyrene	ND		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
1-Methylnaphthalene	ND		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
2-Methylnaphthalene	ND		mg/kg dry	0.0422	0.0831	1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Surr: Terphenyl-d14 (18-120%)	67 %					1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Surr: 2-Fluorenylbiphenyl (14-120%)	64 %					1	10/02/11 00:45	SW846 8270D	KJP	11J0015
Surr: Nitrobenzene-d5 (17-120%)	62 %					1	10/02/11 00:45	SW846 8270D	KJP	11J0015

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

Work Order: NUJ0011  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 09/30/11 08:15

### SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extract Vol	Date	Analyst	Extraction Method
Polyaromatic Hydrocarbons by EPA 8270D							
SW846 8270D	11J0015	NUJ0011-01	30.30	1.00	10/01/11 11:45	AMJ	EPA 3550C
SW846 8270D	11J0015	NUJ0011-02	30.53	1.00	10/01/11 11:45	AMJ	EPA 3550C
SW846 8270D	11J0015	NUJ0011-03	30.09	1.00	10/01/11 11:45	AMJ	EPA 3550C
Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	11J1301	NUJ0011-01	6.44	5.00	09/27/11 11:15	AAN	EPA 5035
SW846 8260B	11J1301	NUJ0011-02	4.82	5.00	09/27/11 12:00	AAN	EPA 5035
SW846 8260B	11J1301	NUJ0011-03	5.60	5.00	09/27/11 12:00	AAN	EPA 5035

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

Work Order: NUJ0011  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 09/30/11 08:15

**PROJECT QUALITY CONTROL DATA**  
**Blank**

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

**11J1301-BLK1**

Benzene	<0.00110		mg/kg wet	11J1301	11J1301-BLK1	10/06/11 10:31
Ethylbenzene	<0.00110		mg/kg wet	11J1301	11J1301-BLK1	10/06/11 10:31
Naphthalene	<0.00250		mg/kg wet	11J1301	11J1301-BLK1	10/06/11 10:31
Toluene	<0.00110		mg/kg wet	11J1301	11J1301-BLK1	10/06/11 10:31
Xylenes, total	<0.00250		mg/kg wet	11J1301	11J1301-BLK1	10/06/11 10:31
Surrogate: 1,2-Dichloroethane-d4	97%			11J1301	11J1301-BLK1	10/06/11 10:31
Surrogate: Dibromofluoromethane	106%			11J1301	11J1301-BLK1	10/06/11 10:31
Surrogate: Toluene-d8	93%			11J1301	11J1301-BLK1	10/06/11 10:31
Surrogate: 4-Bromofluorobenzene	95%			11J1301	11J1301-BLK1	10/06/11 10:31

**11J1301-BLK2**

Benzene	<0.0550		mg/kg wet	11J1301	11J1301-BLK2	10/06/11 11:02
Ethylbenzene	<0.0550		mg/kg wet	11J1301	11J1301-BLK2	10/06/11 11:02
Naphthalene	<0.125		mg/kg wet	11J1301	11J1301-BLK2	10/06/11 11:02
Toluene	<0.0550		mg/kg wet	11J1301	11J1301-BLK2	10/06/11 11:02
Xylenes, total	<0.125		mg/kg wet	11J1301	11J1301-BLK2	10/06/11 11:02
Surrogate: 1,2-Dichloroethane-d4	99%			11J1301	11J1301-BLK2	10/06/11 11:02
Surrogate: Dibromofluoromethane	107%			11J1301	11J1301-BLK2	10/06/11 11:02
Surrogate: Toluene-d8	91%			11J1301	11J1301-BLK2	10/06/11 11:02
Surrogate: 4-Bromofluorobenzene	96%			11J1301	11J1301-BLK2	10/06/11 11:02

**Polyaromatic Hydrocarbons by EPA 8270D**

**11J0015-BLK1**

Acenaphthene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40
Acenaphthylene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40
Anthracene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40
Benzo (a) anthracene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40
Benzo (a) pyrene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40
Benzo (b) fluoranthene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40
Benzo (g,h,i) perylene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40
Benzo (k) fluoranthene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40
Chrysene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40
Dibenz (a,h) anthracene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40
Fluoranthene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40
Fluorene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40
Indeno (1,2,3-cd) pyrene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40
Naphthalene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40
Phenanthrene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40
Pyrene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40
1-Methylnaphthalene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40
2-Methylnaphthalene	<0.0340		mg/kg wet	11J0015	11J0015-BLK1	10/01/11 22:40

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

Work Order: NUJ0011  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 09/30/11 08:15

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Polyaromatic Hydrocarbons by EPA 8270D</b>						
<b>11J0015-BLK1</b>						
<i>Surrogate: Terphenyl-d14</i>	66%			11J0015	11J0015-BLK1	10/01/11 22:40
<i>Surrogate: 2-Fluorobiphenyl</i>	62%			11J0015	11J0015-BLK1	10/01/11 22:40
<i>Surrogate: Nitrobenzene-d5</i>	57%			11J0015	11J0015-BLK1	10/01/11 22:40

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

Work Order: NUJ0011  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 09/30/11 08:15

### PROJECT QUALITY CONTROL DATA

#### Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
<b>General Chemistry Parameters</b>										
<b>11J0811-DUP1</b>										
% Dry Solids	89.6	88.4		%	J	20	11J0811	NU13711-01		10/06/11 11:13

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

Work Order: NUJ0011  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 09/30/11 08:15

**PROJECT QUALITY CONTROL DATA**  
**LCS**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>11J1301-BS1</b>								
Benzene	50.0	51.3		ug/kg	103%	75 - 127	11J1301	10/06/11 09:01
Ethylbenzene	50.0	52.8		ug/kg	106%	80 - 134	11J1301	10/06/11 09:01
Naphthalene	50.0	46.8		ug/kg	94%	69 - 150	11J1301	10/06/11 09:01
Toluene	50.0	50.6		ug/kg	101%	80 - 132	11J1301	10/06/11 09:01
Xylenes, total	150	160		ug/kg	107%	80 - 137	11J1301	10/06/11 09:01
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	52.7			105%	70 - 130	11J1301	10/06/11 09:01
<i>Surrogate: Dibromofluoromethane</i>	50.0	55.7			111%	70 - 130	11J1301	10/06/11 09:01
<i>Surrogate: Toluene-d8</i>	50.0	46.8			94%	70 - 130	11J1301	10/06/11 09:01
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	47.0			94%	70 - 130	11J1301	10/06/11 09:01

**Polyaromatic Hydrocarbons by EPA 8270D**

**11J0015-BS1**

Acenaphthene	1.67	1.20		mg/kg wet	72%	36 - 120	11J0015	10/01/11 19:54
Acenaphthylene	1.67	1.14		mg/kg wet	68%	38 - 120	11J0015	10/01/11 19:54
Anthracene	1.67	1.25		mg/kg wet	75%	46 - 124	11J0015	10/01/11 19:54
Benzo (a) anthracene	1.67	1.18		mg/kg wet	71%	45 - 120	11J0015	10/01/11 19:54
Benzo (a) pyrene	1.67	1.27		mg/kg wet	76%	45 - 120	11J0015	10/01/11 19:54
Benzo (b) fluoranthene	1.67	1.10		mg/kg wet	66%	42 - 120	11J0015	10/01/11 19:54
Benzo (g,h,i) perylene	1.67	1.23		mg/kg wet	74%	38 - 120	11J0015	10/01/11 19:54
Benzo (k) fluoranthene	1.67	1.27		mg/kg wet	76%	42 - 120	11J0015	10/01/11 19:54
Chrysene	1.67	1.16		mg/kg wet	70%	43 - 120	11J0015	10/01/11 19:54
Dibenz (a,h) anthracene	1.67	1.24		mg/kg wet	75%	32 - 128	11J0015	10/01/11 19:54
Fluoranthene	1.67	1.20		mg/kg wet	72%	46 - 120	11J0015	10/01/11 19:54
Fluorene	1.67	1.18		mg/kg wet	71%	42 - 120	11J0015	10/01/11 19:54
Indeno (1,2,3-cd) pyrene	1.67	1.23		mg/kg wet	74%	41 - 121	11J0015	10/01/11 19:54
Naphthalene	1.67	1.24		mg/kg wet	74%	32 - 120	11J0015	10/01/11 19:54
Phenanthrene	1.67	1.24		mg/kg wet	74%	45 - 120	11J0015	10/01/11 19:54
Pyrene	1.67	1.14		mg/kg wet	68%	43 - 120	11J0015	10/01/11 19:54
1-Methylnaphthalene	1.67	0.915		mg/kg wet	55%	32 - 120	11J0015	10/01/11 19:54
2-Methylnaphthalene	1.67	1.07		mg/kg wet	64%	28 - 120	11J0015	10/01/11 19:54
<i>Surrogate: Terphenyl-d14</i>	1.67	1.12			67%	18 - 120	11J0015	10/01/11 19:54
<i>Surrogate: 2-Fluorobiphenyl</i>	1.67	1.02			61%	14 - 120	11J0015	10/01/11 19:54
<i>Surrogate: Nitrobenzene-d5</i>	1.67	0.954			57%	17 - 120	11J0015	10/01/11 19:54

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

Work Order: NUJ0011  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 09/30/11 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
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>11J1301-BSD1</b>												
Benzene		51.5		ug/kg	50.0	103%	75 - 127	0.4	50	11J1301		10/06/11 09:31
Ethylbenzene		52.5		ug/kg	50.0	105%	80 - 134	0.5	50	11J1301		10/06/11 09:31
Naphthalene		46.0		ug/kg	50.0	92%	69 - 150	2	50	11J1301		10/06/11 09:31
Toluene		51.1		ug/kg	50.0	102%	80 - 132	1	50	11J1301		10/06/11 09:31
Xylenes, total		160		ug/kg	150	106%	80 - 137	0.4	50	11J1301		10/06/11 09:31
Surrogate: 1,2-Dichloroethane-d4		52.7		ug/kg	50.0	105%	70 - 130			11J1301		10/06/11 09:31
Surrogate: Dibromofluoromethane		55.8		ug/kg	50.0	112%	70 - 130			11J1301		10/06/11 09:31
Surrogate: Toluene-d8		47.6		ug/kg	50.0	95%	70 - 130			11J1301		10/06/11 09:31
Surrogate: 4-Bromofluorobenzene		46.1		ug/kg	50.0	92%	70 - 130			11J1301		10/06/11 09:31



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

Work Order: NUJ0011  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 09/30/11 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
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>11J1301-MS1</b>										
Benzene	ND	3.05		mg/kg wet	2.32	131%	31 - 143	11J1301	NUJ0190-10RE 2	10/06/11 19:35
Ethylbenzene	ND	2.99		mg/kg wet	2.32	129%	23 - 161	11J1301	NUJ0190-10RE 2	10/06/11 19:35
Naphthalene	ND	2.35		mg/kg wet	2.32	101%	10 - 176	11J1301	NUJ0190-10RE 2	10/06/11 19:35
Toluene	ND	2.89		mg/kg wet	2.32	124%	30 - 155	11J1301	NUJ0190-10RE 2	10/06/11 19:35
Xylenes, total	ND	8.95		mg/kg wet	6.97	128%	25 - 162	11J1301	NUJ0190-10RE 2	10/06/11 19:35
<i>Surrogate: 1,2-Dichloroethane-d4</i>		52.8		ug/kg	50.0	106%	70 - 130	11J1301	NUJ0190-10RE 2	10/06/11 19:35
<i>Surrogate: Dibromofluoromethane</i>		53.4		ug/kg	50.0	107%	70 - 130	11J1301	NUJ0190-10RE 2	10/06/11 19:35
<i>Surrogate: Toluene-d8</i>		46.8		ug/kg	50.0	94%	70 - 130	11J1301	NUJ0190-10RE 2	10/06/11 19:35
<i>Surrogate: 4-Bromofluorobenzene</i>		47.3		ug/kg	50.0	95%	70 - 130	11J1301	NUJ0190-10RE 2	10/06/11 19:35
<b>Polyaromatic Hydrocarbons by EPA 8270D</b>										
<b>11J0015-MS1</b>										
Acenaphthene	ND	1.34		mg/kg dry	1.98	68%	19 - 120	11J0015	NUJ0011-01	10/01/11 23:01
Acenaphthylene	ND	1.26		mg/kg dry	1.98	64%	25 - 120	11J0015	NUJ0011-01	10/01/11 23:01
Anthracene	ND	1.38		mg/kg dry	1.98	70%	28 - 125	11J0015	NUJ0011-01	10/01/11 23:01
Benzo (a) anthracene	ND	1.32		mg/kg dry	1.98	67%	23 - 120	11J0015	NUJ0011-01	10/01/11 23:01
Benzo (a) pyrene	ND	1.39		mg/kg dry	1.98	70%	15 - 128	11J0015	NUJ0011-01	10/01/11 23:01
Benzo (b) fluoranthene	ND	1.01		mg/kg dry	1.98	51%	12 - 133	11J0015	NUJ0011-01	10/01/11 23:01
Benzo (g,h,i) perylene	ND	1.29		mg/kg dry	1.98	65%	22 - 120	11J0015	NUJ0011-01	10/01/11 23:01
Benzo (k) fluoranthene	ND	1.16		mg/kg dry	1.98	59%	28 - 120	11J0015	NUJ0011-01	10/01/11 23:01
Chrysene	ND	1.31		mg/kg dry	1.98	66%	20 - 120	11J0015	NUJ0011-01	10/01/11 23:01
Dibenz (a,h) anthracene	ND	1.36		mg/kg dry	1.98	69%	12 - 128	11J0015	NUJ0011-01	10/01/11 23:01
Fluoranthene	ND	1.36		mg/kg dry	1.98	69%	10 - 143	11J0015	NUJ0011-01	10/01/11 23:01
Fluorene	ND	1.35		mg/kg dry	1.98	68%	20 - 120	11J0015	NUJ0011-01	10/01/11 23:01
Indeno (1,2,3-cd) pyrene	ND	1.33		mg/kg dry	1.98	67%	22 - 121	11J0015	NUJ0011-01	10/01/11 23:01
Naphthalene	ND	1.37		mg/kg dry	1.98	69%	10 - 120	11J0015	NUJ0011-01	10/01/11 23:01
Phenanthrene	ND	1.36		mg/kg dry	1.98	69%	21 - 122	11J0015	NUJ0011-01	10/01/11 23:01
Pyrene	ND	1.22		mg/kg dry	1.98	62%	20 - 123	11J0015	NUJ0011-01	10/01/11 23:01
1-Methylnaphthalene	ND	1.02		mg/kg dry	1.98	52%	10 - 120	11J0015	NUJ0011-01	10/01/11 23:01
2-Methylnaphthalene	ND	1.20		mg/kg dry	1.98	61%	13 - 120	11J0015	NUJ0011-01	10/01/11 23:01
<i>Surrogate: Terphenyl-d14</i>		1.21		mg/kg dry	1.98	61%	18 - 120	11J0015	NUJ0011-01	10/01/11 23:01
<i>Surrogate: 2-Fluorobiphenyl</i>		1.14		mg/kg dry	1.98	57%	14 - 120	11J0015	NUJ0011-01	10/01/11 23:01
<i>Surrogate: Nitrobenzene-d5</i>		0.996		mg/kg dry	1.98	50%	17 - 120	11J0015	NUJ0011-01	10/01/11 23:01

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

Work Order: NUJ0011  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 09/30/11 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
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#### Polyaromatic Hydrocarbons by EPA 8270D

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

Work Order: NUJ0011  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 09/30/11 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
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>11J1301-MSD1</b>												
Benzene	ND	2.93		mg/kg wet	2.32	126%	31 - 143	4	50	11J1301	NUJ0190-10RE 2	10/06/11 20:06
Ethylbenzene	ND	2.80		mg/kg wet	2.32	120%	23 - 161	7	50	11J1301	NUJ0190-10RE 2	10/06/11 20:06
Naphthalene	ND	2.24		mg/kg wet	2.32	96%	10 - 176	5	50	11J1301	NUJ0190-10RE 2	10/06/11 20:06
Toluene	ND	2.75		mg/kg wet	2.32	118%	30 - 155	5	50	11J1301	NUJ0190-10RE 2	10/06/11 20:06
Xylenes, total	ND	8.37		mg/kg wet	6.97	120%	25 - 162	7	50	11J1301	NUJ0190-10RE 2	10/06/11 20:06
Surrogate: 1,2-Dichloroethane-d4		53.1		ug/kg	50.0	106%	70 - 130			11J1301	NUJ0190-10RE 2	10/06/11 20:06
Surrogate: Dibromofluoromethane		55.0		ug/kg	50.0	110%	70 - 130			11J1301	NUJ0190-10RE 2	10/06/11 20:06
Surrogate: Toluene-d8		46.4		ug/kg	50.0	93%	70 - 130			11J1301	NUJ0190-10RE 2	10/06/11 20:06
Surrogate: 4-Bromofluorobenzene		47.2		ug/kg	50.0	94%	70 - 130			11J1301	NUJ0190-10RE 2	10/06/11 20:06
<b>Polyaromatic Hydrocarbons by EPA 8270D</b>												
<b>11J0015-MSD1</b>												
Acenaphthene	ND	1.49		mg/kg dry	1.95	76%	19 - 120	10	50	11J0015	NUJ0011-01	10/01/11 23:22
Acenaphthylene	ND	1.38		mg/kg dry	1.95	71%	25 - 120	9	50	11J0015	NUJ0011-01	10/01/11 23:22
Anthracene	ND	1.55		mg/kg dry	1.95	80%	28 - 125	12	49	11J0015	NUJ0011-01	10/01/11 23:22
Benzo (a) anthracene	ND	1.48		mg/kg dry	1.95	76%	23 - 120	11	50	11J0015	NUJ0011-01	10/01/11 23:22
Benzo (a) pyrene	ND	1.56		mg/kg dry	1.95	80%	15 - 128	11	50	11J0015	NUJ0011-01	10/01/11 23:22
Benzo (b) fluoranthene	ND	1.11		mg/kg dry	1.95	57%	12 - 133	9	50	11J0015	NUJ0011-01	10/01/11 23:22
Benzo (g,h,i) perylene	ND	1.44		mg/kg dry	1.95	74%	22 - 120	11	50	11J0015	NUJ0011-01	10/01/11 23:22
Benzo (k) fluoranthene	ND	1.28		mg/kg dry	1.95	65%	28 - 120	9	45	11J0015	NUJ0011-01	10/01/11 23:22
Chrysene	ND	1.42		mg/kg dry	1.95	73%	20 - 120	8	49	11J0015	NUJ0011-01	10/01/11 23:22
Dibenz (a,h) anthracene	ND	1.50		mg/kg dry	1.95	77%	12 - 128	10	50	11J0015	NUJ0011-01	10/01/11 23:22
Fluoranthene	ND	1.55		mg/kg dry	1.95	80%	10 - 143	13	50	11J0015	NUJ0011-01	10/01/11 23:22
Fluorene	ND	1.53		mg/kg dry	1.95	78%	20 - 120	12	50	11J0015	NUJ0011-01	10/01/11 23:22
Indeno (1,2,3-cd) pyrene	ND	1.46		mg/kg dry	1.95	75%	22 - 121	10	50	11J0015	NUJ0011-01	10/01/11 23:22
Naphthalene	ND	1.53		mg/kg dry	1.95	78%	10 - 120	11	50	11J0015	NUJ0011-01	10/01/11 23:22
Phenanthrene	ND	1.55		mg/kg dry	1.95	79%	21 - 122	13	50	11J0015	NUJ0011-01	10/01/11 23:22
Pyrene	ND	1.37		mg/kg dry	1.95	70%	20 - 123	11	50	11J0015	NUJ0011-01	10/01/11 23:22
1-Methylnaphthalene	ND	1.16		mg/kg dry	1.95	59%	10 - 120	12	50	11J0015	NUJ0011-01	10/01/11 23:22
2-Methylnaphthalene	ND	1.37		mg/kg dry	1.95	70%	13 - 120	13	50	11J0015	NUJ0011-01	10/01/11 23:22
Surrogate: Terphenyl-d14		1.34		mg/kg dry	1.95	69%	18 - 120			11J0015	NUJ0011-01	10/01/11 23:22
Surrogate: 2-Fluorobiphenyl		1.24		mg/kg dry	1.95	63%	14 - 120			11J0015	NUJ0011-01	10/01/11 23:22
Surrogate: Nitrobenzene-d5		1.13		mg/kg dry	1.95	58%	17 - 120			11J0015	NUJ0011-01	10/01/11 23:22

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

Work Order: NUJ0011  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 09/30/11 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: NUJ0011  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 09/30/11 08:15

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## DATA QUALIFIERS AND DEFINITIONS

**ND** Not detected at the reporting limit (or method detection limit if shown)

## METHOD MODIFICATION NOTES

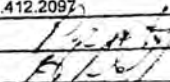
ESTAMERICA

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

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

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

Compliance Monitoring? Yes  No   
Enforcement Action? Yes  No

Client Name/Account #: EEG # 2449  
Address: 10179 Highway 78  
City/State/Zip: Ladson, SC 29456  
Project Manager: Tom McElwee email: mcelwee@eeginc.net  
Telephone Number: 843.412.2097 Fax No.: 843-875-0451  
Sampler Name: (Print) Tom McElwee  
Sampler Signature: 

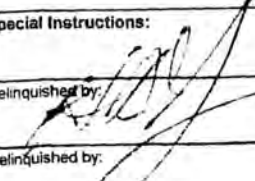
Site State: SC  
PO#: 1427  
TA Quote #:  
Project ID: Laurel Bay Housing Project  
Project #:

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Ice	Preservative						Matrix					Analyze For: BTEX + Napth - 82608 PAH - 82700	RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report			
								HNO <sub>3</sub> (Red Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label)	H <sub>2</sub> SO <sub>4</sub> Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil						Other (Specify)		
15C Laurel Bay	9/7/11	1115	1	X																						
203 BAHAM	9/28/11	1200	5	X																						
203 BAHAM	9/29/11	1200	5	X																						

NUJ0011  
10/14/11 23 59

Special Instructions:

Method of Shipment: FEDEX

Relinquished by:  Date: 9/29/11 Time: 1800 Received by: FEDEX Date: Time

Relinquished by: Date: 9-30-11 Time: 0815 Received by TestAmerica: Date: Time

Laboratory Comments:  
Temperature Upon Receipt: 3.7  
VOCs Free of Headspace?  Y  N

ATTACHMENT A



# NON-HAZARDOUS MANIFEST

<b>NON-HAZARDOUS MANIFEST</b>	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of <b>1</b>		
3. Generator's Mailing Address: MCAS, BEAUFORT LAUREL BAY HOUSING BEAUFORT, SC 29907	Generator's Site Address (If different than mailing):		A. Manifest Number <b>WMNA 00316819</b>		
4. Generator's Phone <b>843-228-6461</b>	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 <b>843-879-0411</b>		
9. Designated Facility Name and Site Address HICKORY HILL LANDFILL 2621 LOW COUNTRY ROAD RIDGELAND, SC 29936	10. US EPA ID Number		E. State Transporter's ID		
			F. Transporter's Phone		
			G. State Facility ID		
			H. State Facility Phone <b>843-987-4643</b>		
11. Description of Waste Materials	12. Containers		13. Total Quantity		
	No.	Type	14. Unit Wt./Vol.		
	I. Misc. Comments				
	a. HEATING OIL TANKS FILLED WITH SAND  WM Profile # 102655SC				
	b.  WM Profile #				
c.  WM Profile #					
d.  WM Profile #					
J. Additional Descriptions for Materials Listed Above		K. Disposal Location			
		Cell	Level		
		Grid			
15. Special Handling Instructions and Additional Information <i>UST's from: 2) 150 Laurel Bay 4) 203 Balsam ✓          1) 400 Elderberry ✓ 3) 200 Balsam ✓ 5) 210 Balsam 6) 211 Balsam</i>					
Purchase Order #		EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.					
Printed Name <i>Timothy Whaley</i>		Signature "On behalf of" <i>Timothy Whaley</i>			
		Month	Day Year		
		<i>10</i>	<i>18 11</i>		
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed Name <i>JAMES BALDWIN</i>		Signature <i>James Baldwin</i>			
		Month	Day Year		
		<i>10</i>	<i>18 11</i>		
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed Name		Signature			
		Month	Day Year		
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.					
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.					
Printed Name <i>Tom Cofield</i>		Signature <i>Tom Cofield</i>			
		Month	Day Year		
		<i>10</i>	<i>18 11</i>		

GENERATOR

TRANSPORTER

FACILITY

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY  
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY  
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



**Appendix C**  
**Regulatory Correspondence**



Catherine E. Heigel, Director

*Promoting and protecting the health of the public and the environment*

July 1, 2015

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

RE: No Further Action  
Laurel Bay Underground Storage Tank Assessment Reports for:  
*See attached sheet*

Dear Mr. Drawdy,

The South Carolina Department of Health and Environmental Control (the Department) received the referenced Underground Storage Tanks (USTs) 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 and agrees there is no indication of soil or groundwater contamination on these properties, and therefore no further investigation is required at this time.

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

If you have any questions, please contact me at [kriegkm@dhec.sc.gov](mailto: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)  
Bryan Beck (via email)



Catherine E. Heigel, Director

*Promoting and protecting the health of the public and the environment*

**Attachment to:** Krieg to Drawdy  
 Subject: NFA  
 Dated 7/1/2015

**Laurel Bay Underground Storage Tank Assessment Reports for: (153 addresses/161 tanks)**

111 Birch	363 Aspen
123 Banyan	364 Aspen
131 Banyan	366 Aspen
134 Banyan	369 Aspen
145 Laurel Bay	373 Aspen
150 Laurel Bay	381 Aspen
153 Laurel Bay	401 Elderberry
154 Laurel Bay	402 Elderberry
155 Laurel Bay	404 Elderberry
200 Balsam	410 Elderberry
202 Balsam	420 Elderberry
203 Balsam	424 Elderberry
208 Balsam	435 Elderberry Tank 3
210 Balsam	452 Elderberry
211 Balsam	460 Elderberry
220 Cypress	465 Dogwood
222 Cypress	477 Laurel Bay
223 Cypress	487 Laurel Bay
252 Beech Tank 2	513 Laurel Bay
271 Beech Tank 1	519 Laurel Bay
271 Beech Tank 2	524 Laurel Bay
284 Birch Tank 1	535 Laurel Bay
284 Birch Tank 2	553 Dahlia
308 Ash	590 Aster
311 Ash	591 Aster
312 Ash	610 Dahlia
317 Ash	612 Dahlia
318 Ash	628 Dahlia
337 Ash	636 Dahlia
351 Ash Tank 1	637 Dahlia Tank 1
351 Ash Tank 2	637 Dahlia Tank 2
355 Ash Tank 1	641 Dahlia
355 Ash Tank 2	642 Dahlia Tank 1
360 Aspen	642 Dahlia Tank 2

**Laurel Bay Underground Storage Tank Assessment Reports for: (153 addresses/161 tanks) cont.**

655 Camellia	920 Albacore
662 Camellia	922 Barracuda Tank 1
683 Camellia	922 Barracuda Tank 2
684 Camellia	924 Albacore
689 Abelia	925 Albacore
694 Abelia	926 Albacore
695 Abelia	930 Albacore
741 Blue Bell	931 Albacore
742 Blue Bell	933 Albacore
755 Althea	936 Albacore
757 Althea	938 Albacore
776 Laurel Bay	939 Albacore
777 Azalea	940 Albacore
779 Laurel Bay	1010 Foxglove
781 Laurel Bay	1066 Gardenia
802 Azalea	1068 Gardenia
816 Azalea	1071 Heather Tank 2
822 Azalea	1100 Iris Tank 2
823 Azalea	1128 Iris
825 Azalea	1178 Bobwhite
828 Azalea	1204 Cardinal
837 Azalea	1208 Cardinal
851 Dolphin	1209 Cardinal
856 Dolphin	1210 Cardinal
857 Dolphin	1215 Cardinal
861 Dolphin	1216 Cardinal
864 Dolphin	1217 Cardinal Tank 1
868 Dolphin	1217 Cardinal Tank 2
872 Dolphin	1233 Dove
879 Cobia	1244 Dove
886 Cobia	1250 Dove
888 Cobia	1252 Dove
889 Cobia	1254 Dove
901 Barracuda	1256 Dove
902 Barracuda	1258 Dove
903 Barracuda	1263 Dove
904 Barracuda	1269 Dove
909 Barracuda	1276 Dove
910 Barracuda	1283 Dove
914 Barracuda	1285 Dove
915 Barracuda	1288 Eagle

**Laurel Bay Underground Storage Tank Assessment Reports for: (153 addresses/161 tanks) cont.**

1296 Eagle	1330 Albatross
1307 Eagle	1331 Albatross
1321 Albatross	1333 Albatross
1322 Albatross	1334 Albatross
1327 Albatross	1335 Albatross
1328 Albatross	