

SUMMARY REPORT  
248 AZALEA DRIVE (FORMERLY 823 AZALEA DRIVE)  
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 248 Azalea Drive (Formerly 823 Azalea Drive). 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 248 Azalea Drive (Formerly 823 Azalea Drive). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 823 Azalea Drive* (MCAS Beaufort, 2011). The UST Assessment Report is provided in Appendix B.

### 2.1 UST Removal and Soil Sampling

On October 27, 2010, a single 280 gallon heating oil UST was removed from the back yard adjacent to the patio area at 248 Azalea Drive (Formerly 823 Azalea Drive). The former UST location is indicated on Figures 2 and 3 of the UST Assessment Report (Appendix B). The UST was removed and properly disposed of (i.e., shipped offsite for recycling or transported to a landfill). There was no visual evidence (i.e., staining or sheen) of petroleum impact at the time of the UST removal. According to the UST Assessment Report (Appendix B), the depth to the base of the UST was 5'5" 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 248 Azalea Drive (Formerly 823 Azalea Drive) 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 248 Azalea Drive (Formerly 823 Azalea Drive). 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 – 823 Azalea Drive, Laurel Bay Military Housing Area*, February 2011.

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

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

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

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

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

## Table

**Table 1**  
**Laboratory Analytical Results - Soil**  
**248 Azalea Drive (Formerly 823 Azalea Drive)**  
**Laurel Bay Military Housing Area**  
**Marine Corps Air Station Beaufort**  
**Beaufort, South Carolina**

| Constituent                                                                | SCDHEC RBSLs <sup>(1)</sup> | Results<br>Sample Collected 10/27/10 |
|----------------------------------------------------------------------------|-----------------------------|--------------------------------------|
| <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**

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

823 Azalea 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.....

|             |  |  |  |  |
|-------------|--|--|--|--|
| 823Azalea   |  |  |  |  |
| Heating oil |  |  |  |  |
| 280 gal     |  |  |  |  |
| Late 1950s  |  |  |  |  |
| Steel       |  |  |  |  |
| Mid 1980s   |  |  |  |  |
| 5'5"        |  |  |  |  |
| No          |  |  |  |  |
| No          |  |  |  |  |
| Removed     |  |  |  |  |
| 10/27/10    |  |  |  |  |
| Yes         |  |  |  |  |
| Yes         |  |  |  |  |

- M. Method of disposal for any USTs removed from the ground (attach disposal manifests)  
UST 823Azalea 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)  
The tank had been previously filled with sand by others.

- O. If any corrosion, pitting, or holes were observed, describe the location and extent for each UST  
Corrosion, pitting and holes were found throughout the tank.

## VII. PIPING INFORMATION

- A. Construction Material..(ex. Steel, FRP).....
- B. Distance from UST to Dispenser.....
- C. Number of Dispensers.....
- D. Type of System Pressure or Suction.....
- E. Was Piping Removed from the Ground? Y/N
- F. Visible Corrosion or Pitting Y/N.....
- G. Visible Holes Y/N.....
- H. Age.....
- I. If any corrosion, pitting, or holes were observed, describe the location and extent for each piping run.

|                   |  |  |  |  |
|-------------------|--|--|--|--|
| 823Azalea         |  |  |  |  |
| Steel<br>& 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 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|-----|
| <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>       |     | X  |     |
| <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>    |     | X  |     |
| <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>                                                 |     | X  |     |
| <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> |     | X  |     |
| <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>                                                           |     | X  |     |

## X. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number 84009001

B.

| Sample #      | Location             | Sample Type<br>(Soil/Water) | Soil Type<br>(Sand/Clay) | Depth* | Date/Time of<br>Collection | Collected<br>by | OVA # |
|---------------|----------------------|-----------------------------|--------------------------|--------|----------------------------|-----------------|-------|
| 823<br>Azalea | Excav at<br>fill end | Soil                        | Sandy                    | 5'5"   | 10/27/10<br>1000 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?</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?</p> <p style="text-align: center;">*Sewer and water</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  |

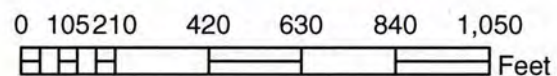
### **XIII. SITE MAP**

**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)



**823 AZALEA DRIVE**



**SBG-EEG, Inc.**

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

Ph. (843) 875-1930

Drawn By: L. DiAsio

Dwg Date: DEC 2010

**FIGURE 1: LOCATION MAP**  
**823 AZALEA DRIVE**  
**LAUREL BAY, BEAUFORT SC**

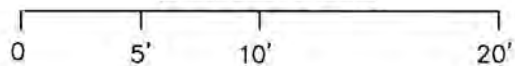


UST 823AZALEA,  
280 GAL.

CONCRETE  
PATIO

823 AZALEA DRIVE  
LAUREL BAY MILITARY HOUSING  
MCAS BEAUFORT, SC

GRAPHIC SCALE



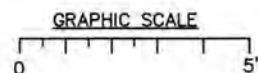
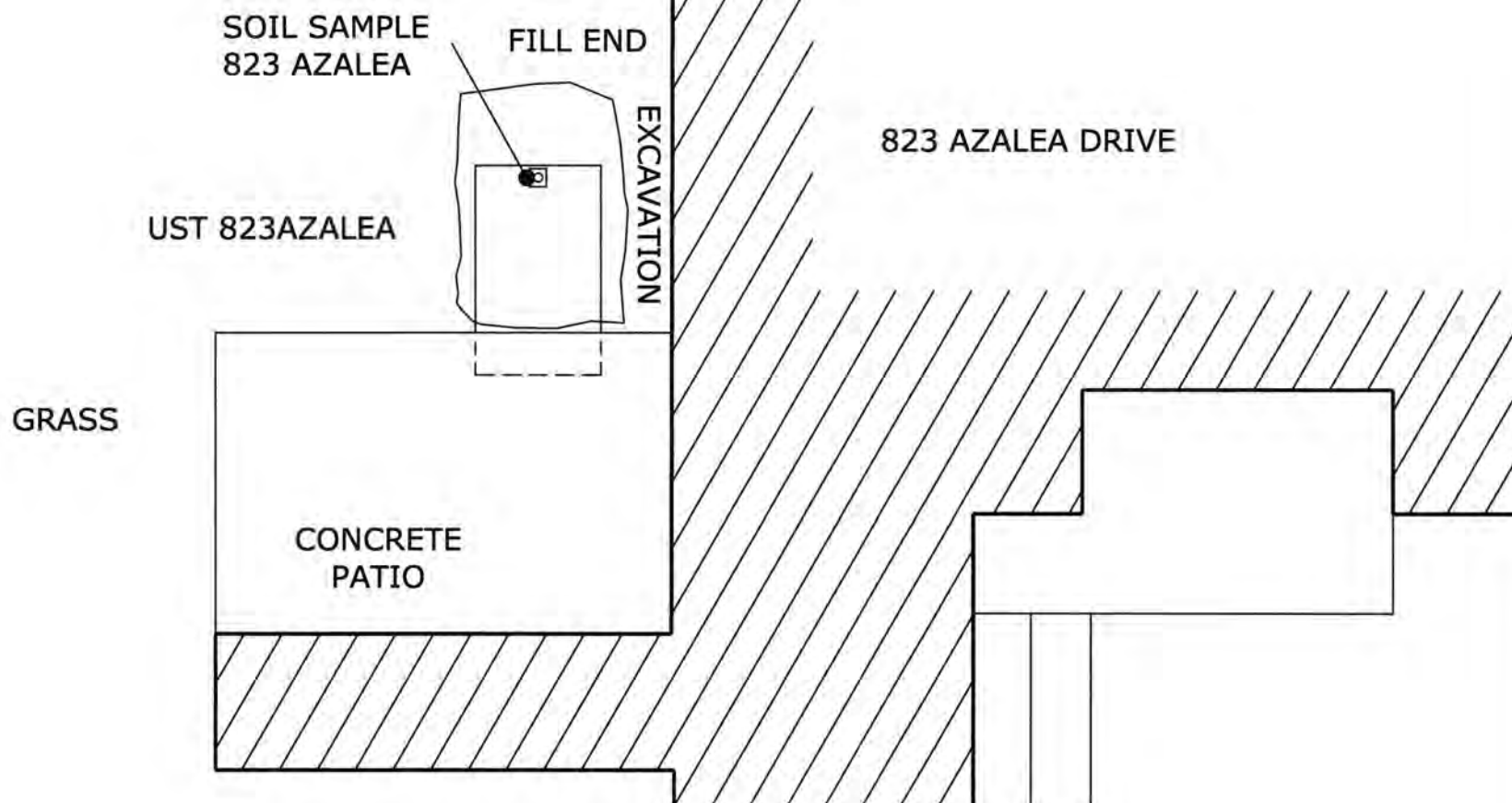
***SBG-EEG***

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

FIGURE 2 SITE MAP  
823 AZALEA DRIVE, LAUREL BAY  
MCAS BEAUFORT SC

SCALE: GRAPHIC

DWG DATE DEC 2010



UST 823AZALEA WAS  
29" BELOW GRADE.

**SBG-EEG**

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

FIGURE 3 UST SAMPLE LOCATIONS  
823 AZALEA DRIVE, LAUREL BAY  
MCAS BEAUFORT SC

SCALE: GRAPHIC

DWG DATE DEC 2010



Picture 1: Location of UST 823Azalea.



Picture 2: UST 823Azalea.

#### 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 | 823Azalea |  |  |  |  |  |  |
|--------------------------|-----|-----------|--|--|--|--|--|--|
| 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<br>(µg/l) | W-1 | W-2 | W -3 | W -4 |
|--------------------------|----------------|-----|-----|------|------|
| Free Product Thickness   | None           |     |     |      |      |
| Benzene                  | 5              |     |     |      |      |
| Toluene                  | 1,000          |     |     |      |      |
| Ethylbenzene             | 700            |     |     |      |      |
| Xylenes                  | 10,000         |     |     |      |      |
| Total BTEX               | N/A            |     |     |      |      |
| MTBE                     | 40             |     |     |      |      |
| Naphthalene              | 25             |     |     |      |      |
| Benzo (a) anthracene     | 10             |     |     |      |      |
| Benzo (b) flouranthene   | 10             |     |     |      |      |
| Benzo (k) flouranthene   | 10             |     |     |      |      |
| Chrysene                 | 10             |     |     |      |      |
| Dibenz (a, h) anthracene | 10             |     |     |      |      |
| EDB                      | .05            |     |     |      |      |
| 1,2-DCA                  | 5              |     |     |      |      |
| Lead                     | Site specific  |     |     |      |      |

## **XV. ANALYTICAL RESULTS**

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

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

November 09, 2010 4:18:13PM

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Nbr: [none]  
P/O Nbr: 1005  
Date Received: 10/30/10

| SAMPLE IDENTIFICATION | LAB NUMBER | COLLECTION DATE AND TIME |
|-----------------------|------------|--------------------------|
| 781 Laurel Bay Blvd   | NTK0063-01 | 10/25/10 10:15           |
| 819 Azalea            | NTK0063-02 | 10/25/10 15:00           |
| 816 Azalea            | NTK0063-03 | 10/26/10 11:00           |
| 825 Azalea            | NTK0063-04 | 10/26/10 14:45           |
| 823 Azalea            | NTK0063-05 | 10/27/10 10:00           |
| 822 Azalea            | NTK0063-06 | 10/27/10 13:45           |

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

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

South Carolina Certification Number: 84009

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

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

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

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Ken A. Hayes

Senior Project Manager

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

## ANALYTICAL REPORT

| Analyte                                                                           | Result | Flag | Units     | MDL     | MRL     | Dilution Factor | Analysis Date/Time | Method      | Analyst | Batch   |
|-----------------------------------------------------------------------------------|--------|------|-----------|---------|---------|-----------------|--------------------|-------------|---------|---------|
| <b>Sample ID: NTK0063-01 (781 Laurel Bay Blvd - Soil) Sampled: 10/25/10 10:15</b> |        |      |           |         |         |                 |                    |             |         |         |
| General Chemistry Parameters                                                      |        |      |           |         |         |                 |                    |             |         |         |
| % Dry Solids                                                                      | 90.1   |      | %         | 0.500   | 0.500   | 1               | 11/08/10 09:15     | SW-846      | JJR     | 10K1162 |
| Volatile Organic Compounds by EPA Method 8260B                                    |        |      |           |         |         |                 |                    |             |         |         |
| Benzene                                                                           | ND     |      | mg/kg dry | 0.00137 | 0.00248 | 1               | 11/05/10 18:17     | SW846 8260B | KKK     | 10K0514 |
| Ethylbenzene                                                                      | ND     |      | mg/kg dry | 0.00122 | 0.00248 | 1               | 11/05/10 18:17     | SW846 8260B | KKK     | 10K0514 |
| Naphthalene                                                                       | ND     |      | mg/kg dry | 0.00211 | 0.00621 | 1               | 11/05/10 18:17     | SW846 8260B | KKK     | 10K0514 |
| Toluene                                                                           | ND     |      | mg/kg dry | 0.00111 | 0.00248 | 1               | 11/05/10 18:17     | SW846 8260B | KKK     | 10K0514 |
| Xylenes, total                                                                    | ND     |      | mg/kg dry | 0.00236 | 0.00621 | 1               | 11/05/10 18:17     | SW846 8260B | KKK     | 10K0514 |
| Surr: 1,2-Dichloroethane-d4 (67-138%)                                             | 93 %   |      |           |         |         | 1               | 11/05/10 18:17     | SW846 8260B | KKK     | 10K0514 |
| Surr: Dibromofluoromethane (75-125%)                                              | 107 %  |      |           |         |         | 1               | 11/05/10 18:17     | SW846 8260B | KKK     | 10K0514 |
| Surr: Toluene-d8 (76-129%)                                                        | 93 %   |      |           |         |         | 1               | 11/05/10 18:17     | SW846 8260B | KKK     | 10K0514 |
| Surr: 4-Bromofluorobenzene (67-147%)                                              | 105 %  |      |           |         |         | 1               | 11/05/10 18:17     | SW846 8260B | KKK     | 10K0514 |
| Polyaromatic Hydrocarbons by EPA 8270D                                            |        |      |           |         |         |                 |                    |             |         |         |
| Acenaphthene                                                                      | ND     |      | mg/kg dry | 0.0152  | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Acenaphthylene                                                                    | ND     |      | mg/kg dry | 0.0217  | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Anthracene                                                                        | ND     |      | mg/kg dry | 0.00976 | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Benzo (a) anthracene                                                              | ND     |      | mg/kg dry | 0.0119  | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Benzo (a) pyrene                                                                  | ND     |      | mg/kg dry | 0.00868 | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Benzo (b) fluoranthene                                                            | ND     |      | mg/kg dry | 0.0412  | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Benzo (g,h,i) perylene                                                            | ND     |      | mg/kg dry | 0.00976 | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Benzo (k) fluoranthene                                                            | ND     |      | mg/kg dry | 0.0401  | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Chrysene                                                                          | ND     |      | mg/kg dry | 0.0336  | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Dibenz (a,h) anthracene                                                           | ND     |      | mg/kg dry | 0.0163  | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Fluoranthene                                                                      | ND     |      | mg/kg dry | 0.0119  | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Fluorene                                                                          | ND     |      | mg/kg dry | 0.0217  | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Indeno (1,2,3-cd) pyrene                                                          | ND     |      | mg/kg dry | 0.0336  | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Naphthalene                                                                       | ND     |      | mg/kg dry | 0.0152  | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Phenanthrene                                                                      | ND     |      | mg/kg dry | 0.0108  | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Pyrene                                                                            | ND     |      | mg/kg dry | 0.0250  | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| 1-Methylnaphthalene                                                               | ND     |      | mg/kg dry | 0.0130  | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| 2-Methylnaphthalene                                                               | ND     |      | mg/kg dry | 0.0228  | 0.0727  | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Surr: Terphenyl-d14 (18-120%)                                                     | 69 %   |      |           |         |         | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Surr: 2-Fluorobiphenyl (14-120%)                                                  | 58 %   |      |           |         |         | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |
| Surr: Nitrobenzene-d5 (17-120%)                                                   | 57 %   |      |           |         |         | 1               | 11/06/10 22:50     | SW846 8270D | JLS     | 10K0325 |

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

## ANALYTICAL REPORT

| Analyte                                                                  | Result | Flag | Units     | MDL     | MRL     | Dilution Factor | Analysis Date/Time | Method      | Analyst | Batch   |
|--------------------------------------------------------------------------|--------|------|-----------|---------|---------|-----------------|--------------------|-------------|---------|---------|
| <b>Sample ID: NTK0063-02 (819 Azalea - Soil) Sampled: 10/25/10 15:00</b> |        |      |           |         |         |                 |                    |             |         |         |
| General Chemistry Parameters                                             |        |      |           |         |         |                 |                    |             |         |         |
| % Dry Solids                                                             | 95.4   |      | %         | 0.500   | 0.500   | 1               | 11/08/10 09:15     | SW-846      | JJR     | 10K1162 |
| Volatile Organic Compounds by EPA Method 8260B                           |        |      |           |         |         |                 |                    |             |         |         |
| Benzene                                                                  | ND     |      | mg/kg dry | 0.00132 | 0.00240 | 1               | 11/05/10 18:47     | SW846 8260B | KKK     | 10K0514 |
| Ethylbenzene                                                             | ND     |      | mg/kg dry | 0.00118 | 0.00240 | 1               | 11/05/10 18:47     | SW846 8260B | KKK     | 10K0514 |
| Naphthalene                                                              | ND     |      | mg/kg dry | 0.00204 | 0.00601 | 1               | 11/05/10 18:47     | SW846 8260B | KKK     | 10K0514 |
| Toluene                                                                  | ND     |      | mg/kg dry | 0.00107 | 0.00240 | 1               | 11/05/10 18:47     | SW846 8260B | KKK     | 10K0514 |
| Xylenes, total                                                           | ND     |      | mg/kg dry | 0.00228 | 0.00601 | 1               | 11/05/10 18:47     | SW846 8260B | KKK     | 10K0514 |
| Surr: 1,2-Dichloroethane-d4 (67-138%)                                    | 95 %   |      |           |         |         | 1               | 11/05/10 18:47     | SW846 8260B | KKK     | 10K0514 |
| Surr: Dibromofluoromethane (75-125%)                                     | 107 %  |      |           |         |         | 1               | 11/05/10 18:47     | SW846 8260B | KKK     | 10K0514 |
| Surr: Toluene-d8 (76-129%)                                               | 93 %   |      |           |         |         | 1               | 11/05/10 18:47     | SW846 8260B | KKK     | 10K0514 |
| Surr: 4-Bromofluorobenzene (67-147%)                                     | 109 %  |      |           |         |         | 1               | 11/05/10 18:47     | SW846 8260B | KKK     | 10K0514 |
| Polyaromatic Hydrocarbons by EPA 8270D                                   |        |      |           |         |         |                 |                    |             |         |         |
| Acenaphthene                                                             | ND     |      | mg/kg dry | 0.0146  | 0.0698  | 1               | 11/06/10 23:12     | SW846 8270D | JLS     | 10K0325 |
| Acenaphthylene                                                           | ND     |      | mg/kg dry | 0.0208  | 0.0698  | 1               | 11/06/10 23:12     | SW846 8270D | JLS     | 10K0325 |
| Anthracene                                                               | 0.342  |      | mg/kg dry | 0.00938 | 0.0698  | 1               | 11/06/10 23:12     | SW846 8270D | JLS     | 10K0325 |
| Benzo (a) anthracene                                                     | 3.63   |      | mg/kg dry | 0.0229  | 0.140   | 2               | 11/07/10 10:00     | SW846 8270D | JLS     | 10K0325 |
| Benzo (a) pyrene                                                         | 1.54   |      | mg/kg dry | 0.00834 | 0.0698  | 1               | 11/06/10 23:12     | SW846 8270D | JLS     | 10K0325 |
| Benzo (b) fluoranthene                                                   | 2.71   |      | mg/kg dry | 0.0396  | 0.0698  | 1               | 11/06/10 23:12     | SW846 8270D | JLS     | 10K0325 |
| Benzo (g,h,i) perylene                                                   | 0.480  |      | mg/kg dry | 0.00938 | 0.0698  | 1               | 11/06/10 23:12     | SW846 8270D | JLS     | 10K0325 |
| Benzo (k) fluoranthene                                                   | 1.24   |      | mg/kg dry | 0.0386  | 0.0698  | 1               | 11/06/10 23:12     | SW846 8270D | JLS     | 10K0325 |
| Chrysene                                                                 | 3.55   |      | mg/kg dry | 0.0646  | 0.140   | 2               | 11/07/10 10:00     | SW846 8270D | JLS     | 10K0325 |
| Dibenz (a,h) anthracene                                                  | 0.175  |      | mg/kg dry | 0.0156  | 0.0698  | 1               | 11/06/10 23:12     | SW846 8270D | JLS     | 10K0325 |
| Fluoranthene                                                             | 4.65   |      | mg/kg dry | 0.0229  | 0.140   | 2               | 11/07/10 10:00     | SW846 8270D | JLS     | 10K0325 |
| Fluorene                                                                 | ND     |      | mg/kg dry | 0.0208  | 0.0698  | 1               | 11/06/10 23:12     | SW846 8270D | JLS     | 10K0325 |
| Indeno (1,2,3-cd) pyrene                                                 | 0.491  |      | mg/kg dry | 0.0323  | 0.0698  | 1               | 11/06/10 23:12     | SW846 8270D | JLS     | 10K0325 |
| Naphthalene                                                              | ND     |      | mg/kg dry | 0.0146  | 0.0698  | 1               | 11/06/10 23:12     | SW846 8270D | JLS     | 10K0325 |
| Phenanthrene                                                             | 0.994  |      | mg/kg dry | 0.0104  | 0.0698  | 1               | 11/06/10 23:12     | SW846 8270D | JLS     | 10K0325 |
| Pyrene                                                                   | 4.59   |      | mg/kg dry | 0.0480  | 0.140   | 2               | 11/07/10 10:00     | SW846 8270D | JLS     | 10K0325 |
| 1-Methylnaphthalene                                                      | ND     |      | mg/kg dry | 0.0125  | 0.0698  | 1               | 11/06/10 23:12     | SW846 8270D | JLS     | 10K0325 |
| 2-Methylnaphthalene                                                      | ND     |      | mg/kg dry | 0.0219  | 0.0698  | 1               | 11/06/10 23:12     | SW846 8270D | JLS     | 10K0325 |
| Surr: Terphenyl-d14 (18-120%)                                            | 63 %   |      |           |         |         | 1               | 11/06/10 23:12     | SW846 8270D | JLS     | 10K0325 |
| Surr: 2-Fluorobiphenyl (14-120%)                                         | 61 %   |      |           |         |         | 1               | 11/06/10 23:12     | SW846 8270D | JLS     | 10K0325 |
| Surr: Nitrobenzene-d5 (17-120%)                                          | 59 %   |      |           |         |         | 1               | 11/06/10 23:12     | SW846 8270D | JLS     | 10K0325 |

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

## ANALYTICAL REPORT

| Analyte                                                                  | Result | Flag | Units     | MDL     | MRL     | Dilution Factor | Analysis Date/Time | Method      | Analyst | Batch   |
|--------------------------------------------------------------------------|--------|------|-----------|---------|---------|-----------------|--------------------|-------------|---------|---------|
| <b>Sample ID: NTK0063-03 (816 Azalea - Soil) Sampled: 10/26/10 11:00</b> |        |      |           |         |         |                 |                    |             |         |         |
| General Chemistry Parameters                                             |        |      |           |         |         |                 |                    |             |         |         |
| % Dry Solids                                                             | 92.9   |      | %         | 0.500   | 0.500   | 1               | 11/08/10 09:15     | SW-846      | JJR     | 10K1162 |
| Volatile Organic Compounds by EPA Method 8260B                           |        |      |           |         |         |                 |                    |             |         |         |
| Benzene                                                                  | ND     |      | mg/kg dry | 0.00126 | 0.00229 | 1               | 11/05/10 19:16     | SW846 8260B | KKK     | 10K0514 |
| Ethylbenzene                                                             | ND     |      | mg/kg dry | 0.00112 | 0.00229 | 1               | 11/05/10 19:16     | SW846 8260B | KKK     | 10K0514 |
| Naphthalene                                                              | ND     |      | mg/kg dry | 0.00195 | 0.00574 | 1               | 11/05/10 19:16     | SW846 8260B | KKK     | 10K0514 |
| Toluene                                                                  | ND     |      | mg/kg dry | 0.00102 | 0.00229 | 1               | 11/05/10 19:16     | SW846 8260B | KKK     | 10K0514 |
| Xylenes, total                                                           | ND     |      | mg/kg dry | 0.00218 | 0.00574 | 1               | 11/05/10 19:16     | SW846 8260B | KKK     | 10K0514 |
| Surr: 1,2-Dichloroethane-d4 (67-138%)                                    | 93 %   |      |           |         |         | 1               | 11/05/10 19:16     | SW846 8260B | KKK     | 10K0514 |
| Surr: Dibromofluoromethane (75-125%)                                     | 106 %  |      |           |         |         | 1               | 11/05/10 19:16     | SW846 8260B | KKK     | 10K0514 |
| Surr: Toluene-d8 (76-129%)                                               | 94 %   |      |           |         |         | 1               | 11/05/10 19:16     | SW846 8260B | KKK     | 10K0514 |
| Surr: 4-Bromofluorobenzene (67-147%)                                     | 110 %  |      |           |         |         | 1               | 11/05/10 19:16     | SW846 8260B | KKK     | 10K0514 |
| Polyaromatic Hydrocarbons by EPA 8270D                                   |        |      |           |         |         |                 |                    |             |         |         |
| Acenaphthene                                                             | ND     |      | mg/kg dry | 0.0147  | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Acenaphthylene                                                           | ND     |      | mg/kg dry | 0.0210  | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Anthracene                                                               | ND     |      | mg/kg dry | 0.00945 | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Benzo (a) anthracene                                                     | ND     |      | mg/kg dry | 0.0115  | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Benzo (a) pyrene                                                         | ND     |      | mg/kg dry | 0.00840 | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Benzo (b) fluoranthene                                                   | 0.117  |      | mg/kg dry | 0.0399  | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Benzo (g,h,i) perylene                                                   | ND     |      | mg/kg dry | 0.00945 | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Benzo (k) fluoranthene                                                   | ND     |      | mg/kg dry | 0.0388  | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Chrysene                                                                 | ND     |      | mg/kg dry | 0.0325  | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Dibenz (a,h) anthracene                                                  | ND     |      | mg/kg dry | 0.0157  | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Fluoranthene                                                             | ND     |      | mg/kg dry | 0.0115  | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Fluorene                                                                 | ND     |      | mg/kg dry | 0.0210  | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Indeno (1,2,3-cd) pyrene                                                 | ND     |      | mg/kg dry | 0.0325  | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Naphthalene                                                              | ND     |      | mg/kg dry | 0.0147  | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Phenanthrene                                                             | ND     |      | mg/kg dry | 0.0105  | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Pyrene                                                                   | ND     |      | mg/kg dry | 0.0241  | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| 1-Methylnaphthalene                                                      | ND     |      | mg/kg dry | 0.0126  | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| 2-Methylnaphthalene                                                      | ND     |      | mg/kg dry | 0.0220  | 0.0703  | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Surr: Terphenyl-d14 (18-120%)                                            | 68 %   |      |           |         |         | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Surr: 2-Fluorobiphenyl (14-120%)                                         | 53 %   |      |           |         |         | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |
| Surr: Nitrobenzene-d5 (17-120%)                                          | 50 %   |      |           |         |         | 1               | 11/06/10 23:34     | SW846 8270D | JLS     | 10K0325 |

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

## ANALYTICAL REPORT

| Analyte                                                                  | Result | Flag | Units     | MDL     | MRL     | Dilution Factor | Analysis Date/Time | Method      | Analyst | Batch   |
|--------------------------------------------------------------------------|--------|------|-----------|---------|---------|-----------------|--------------------|-------------|---------|---------|
| <b>Sample ID: NTK0063-04 (825 Azalea - Soil) Sampled: 10/26/10 14:45</b> |        |      |           |         |         |                 |                    |             |         |         |
| General Chemistry Parameters                                             |        |      |           |         |         |                 |                    |             |         |         |
| % Dry Solids                                                             | 92.6   |      | %         | 0.500   | 0.500   | 1               | 11/08/10 09:15     | SW-846      | JJR     | 10K1162 |
| Volatile Organic Compounds by EPA Method 8260B                           |        |      |           |         |         |                 |                    |             |         |         |
| Benzene                                                                  | ND     |      | mg/kg dry | 0.00130 | 0.00236 | 1               | 11/05/10 19:46     | SW846 8260B | KKK     | 10K0514 |
| Ethylbenzene                                                             | ND     |      | mg/kg dry | 0.00115 | 0.00236 | 1               | 11/05/10 19:46     | SW846 8260B | KKK     | 10K0514 |
| Naphthalene                                                              | ND     |      | mg/kg dry | 0.00200 | 0.00589 | 1               | 11/05/10 19:46     | SW846 8260B | KKK     | 10K0514 |
| Toluene                                                                  | ND     |      | mg/kg dry | 0.00105 | 0.00236 | 1               | 11/05/10 19:46     | SW846 8260B | KKK     | 10K0514 |
| Xylenes, total                                                           | ND     |      | mg/kg dry | 0.00224 | 0.00589 | 1               | 11/05/10 19:46     | SW846 8260B | KKK     | 10K0514 |
| Surr: 1,2-Dichloroethane-d4 (67-138%)                                    | 94 %   |      |           |         |         | 1               | 11/05/10 19:46     | SW846 8260B | KKK     | 10K0514 |
| Surr: Dibromofluoromethane (75-125%)                                     | 104 %  |      |           |         |         | 1               | 11/05/10 19:46     | SW846 8260B | KKK     | 10K0514 |
| Surr: Toluene-d8 (76-129%)                                               | 95 %   |      |           |         |         | 1               | 11/05/10 19:46     | SW846 8260B | KKK     | 10K0514 |
| Surr: 4-Bromofluorobenzene (67-147%)                                     | 112 %  |      |           |         |         | 1               | 11/05/10 19:46     | SW846 8260B | KKK     | 10K0514 |
| Polyaromatic Hydrocarbons by EPA 8270D                                   |        |      |           |         |         |                 |                    |             |         |         |
| Acenaphthene                                                             | ND     |      | mg/kg dry | 0.0150  | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Acenaphthylene                                                           | ND     |      | mg/kg dry | 0.0214  | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Anthracene                                                               | ND     |      | mg/kg dry | 0.00965 | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Benzo (a) anthracene                                                     | 0.104  |      | mg/kg dry | 0.0118  | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Benzo (a) pyrene                                                         | 0.0511 | J    | mg/kg dry | 0.00858 | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Benzo (b) fluoranthene                                                   | 0.0865 |      | mg/kg dry | 0.0407  | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Benzo (g,h,i) perylene                                                   | 0.0636 | J    | mg/kg dry | 0.00965 | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Benzo (k) fluoranthene                                                   | ND     |      | mg/kg dry | 0.0397  | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Chrysene                                                                 | 0.114  |      | mg/kg dry | 0.0332  | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Dibenz (a,h) anthracene                                                  | ND     |      | mg/kg dry | 0.0161  | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Fluoranthene                                                             | 0.164  |      | mg/kg dry | 0.0118  | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Fluorene                                                                 | ND     |      | mg/kg dry | 0.0214  | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Indeno (1,2,3-cd) pyrene                                                 | 0.0461 | J    | mg/kg dry | 0.0332  | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Naphthalene                                                              | ND     |      | mg/kg dry | 0.0150  | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Phenanthrene                                                             | ND     |      | mg/kg dry | 0.0107  | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Pyrene                                                                   | 0.171  |      | mg/kg dry | 0.0247  | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| 1-Methylnaphthalene                                                      | ND     |      | mg/kg dry | 0.0129  | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| 2-Methylnaphthalene                                                      | ND     |      | mg/kg dry | 0.0225  | 0.0718  | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Surr: Terphenyl-d14 (18-120%)                                            | 76 %   |      |           |         |         | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Surr: 2-Fluorobiphenyl (14-120%)                                         | 66 %   |      |           |         |         | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |
| Surr: Nitrobenzene-d5 (17-120%)                                          | 59 %   |      |           |         |         | 1               | 11/06/10 23:56     | SW846 8270D | JLS     | 10K0325 |

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

## ANALYTICAL REPORT

| Analyte                                                                  | Result | Flag | Units     | MDL     | MRL     | Dilution Factor | Analysis Date/Time | Method      | Analyst | Batch   |
|--------------------------------------------------------------------------|--------|------|-----------|---------|---------|-----------------|--------------------|-------------|---------|---------|
| <b>Sample ID: NTK0063-05 (823 Azalea - Soil) Sampled: 10/27/10 10:00</b> |        |      |           |         |         |                 |                    |             |         |         |
| General Chemistry Parameters                                             |        |      |           |         |         |                 |                    |             |         |         |
| % Dry Solids                                                             | 91.5   |      | %         | 0.500   | 0.500   | 1               | 11/08/10 09:15     | SW-846      | JJR     | 10K1162 |
| Volatile Organic Compounds by EPA Method 8260B                           |        |      |           |         |         |                 |                    |             |         |         |
| Benzene                                                                  | ND     |      | mg/kg dry | 0.00127 | 0.00231 | 1               | 11/06/10 01:41     | SW846 8260B | KKK     | 10J5627 |
| Ethylbenzene                                                             | ND     |      | mg/kg dry | 0.00113 | 0.00231 | 1               | 11/06/10 01:41     | SW846 8260B | KKK     | 10J5627 |
| Naphthalene                                                              | ND     |      | mg/kg dry | 0.00196 | 0.00578 | 1               | 11/06/10 01:41     | SW846 8260B | KKK     | 10J5627 |
| Toluene                                                                  | ND     |      | mg/kg dry | 0.00103 | 0.00231 | 1               | 11/06/10 01:41     | SW846 8260B | KKK     | 10J5627 |
| Xylenes, total                                                           | ND     |      | mg/kg dry | 0.00219 | 0.00578 | 1               | 11/06/10 01:41     | SW846 8260B | KKK     | 10J5627 |
| Surr: 1,2-Dichloroethane-d4 (67-138%)                                    | 95 %   |      |           |         |         | 1               | 11/06/10 01:41     | SW846 8260B | KKK     | 10J5627 |
| Surr: Dibromofluoromethane (75-125%)                                     | 104 %  |      |           |         |         | 1               | 11/06/10 01:41     | SW846 8260B | KKK     | 10J5627 |
| Surr: Toluene-d8 (76-129%)                                               | 95 %   |      |           |         |         | 1               | 11/06/10 01:41     | SW846 8260B | KKK     | 10J5627 |
| Surr: 4-Bromofluorobenzene (67-147%)                                     | 101 %  |      |           |         |         | 1               | 11/06/10 01:41     | SW846 8260B | KKK     | 10J5627 |
| Polyaromatic Hydrocarbons by EPA 8270D                                   |        |      |           |         |         |                 |                    |             |         |         |
| Acenaphthene                                                             | ND     |      | mg/kg dry | 0.0152  | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Acenaphthylene                                                           | ND     |      | mg/kg dry | 0.0218  | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Anthracene                                                               | ND     |      | mg/kg dry | 0.00980 | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Benzo (a) anthracene                                                     | ND     |      | mg/kg dry | 0.0120  | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Benzo (a) pyrene                                                         | ND     |      | mg/kg dry | 0.00871 | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Benzo (b) fluoranthene                                                   | ND     |      | mg/kg dry | 0.0414  | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Benzo (g,h,i) perylene                                                   | 0.0370 | J    | mg/kg dry | 0.00980 | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Benzo (k) fluoranthene                                                   | ND     |      | mg/kg dry | 0.0403  | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Chrysene                                                                 | ND     |      | mg/kg dry | 0.0338  | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Dibenz (a,h) anthracene                                                  | ND     |      | mg/kg dry | 0.0163  | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Fluoranthene                                                             | ND     |      | mg/kg dry | 0.0120  | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Fluorene                                                                 | ND     |      | mg/kg dry | 0.0218  | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Indeno (1,2,3-cd) pyrene                                                 | ND     |      | mg/kg dry | 0.0338  | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Naphthalene                                                              | ND     |      | mg/kg dry | 0.0152  | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Phenanthrene                                                             | ND     |      | mg/kg dry | 0.0109  | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Pyrene                                                                   | ND     |      | mg/kg dry | 0.0250  | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| 1-Methylnaphthalene                                                      | ND     |      | mg/kg dry | 0.0131  | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| 2-Methylnaphthalene                                                      | ND     |      | mg/kg dry | 0.0229  | 0.0730  | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Surr: Terphenyl-d14 (18-120%)                                            | 74 %   |      |           |         |         | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Surr: 2-Fluorobiphenyl (14-120%)                                         | 63 %   |      |           |         |         | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |
| Surr: Nitrobenzene-d5 (17-120%)                                          | 61 %   |      |           |         |         | 1               | 11/07/10 00:18     | SW846 8270D | JLS     | 10K0325 |

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

## ANALYTICAL REPORT

| Analyte                                                                  | Result | Flag | Units     | MDL      | MRL     | Dilution Factor | Analysis Date/Time | Method      | Analyst | Batch   |
|--------------------------------------------------------------------------|--------|------|-----------|----------|---------|-----------------|--------------------|-------------|---------|---------|
| <b>Sample ID: NTK0063-06 (822 Azalea - Soil) Sampled: 10/27/10 13:45</b> |        |      |           |          |         |                 |                    |             |         |         |
| General Chemistry Parameters                                             |        |      |           |          |         |                 |                    |             |         |         |
| % Dry Solids                                                             | 85.3   |      | %         | 0.500    | 0.500   | 1               | 11/08/10 09:15     | SW-846      | JJR     | 10K1162 |
| Volatile Organic Compounds by EPA Method 8260B                           |        |      |           |          |         |                 |                    |             |         |         |
| Benzene                                                                  | ND     |      | mg/kg dry | 0.00120  | 0.00218 | 1               | 11/06/10 02:10     | SW846 8260B | KKK     | 10J5627 |
| Ethylbenzene                                                             | ND     |      | mg/kg dry | 0.00107  | 0.00218 | 1               | 11/06/10 02:10     | SW846 8260B | KKK     | 10J5627 |
| Naphthalene                                                              | ND     |      | mg/kg dry | 0.00185  | 0.00544 | 1               | 11/06/10 02:10     | SW846 8260B | KKK     | 10J5627 |
| Toluene                                                                  | ND     |      | mg/kg dry | 0.000968 | 0.00218 | 1               | 11/06/10 02:10     | SW846 8260B | KKK     | 10J5627 |
| Xylenes, total                                                           | ND     |      | mg/kg dry | 0.00207  | 0.00544 | 1               | 11/06/10 02:10     | SW846 8260B | KKK     | 10J5627 |
| Surr: 1,2-Dichloroethane-d4 (67-138%)                                    | 92 %   |      |           |          |         | 1               | 11/06/10 02:10     | SW846 8260B | KKK     | 10J5627 |
| Surr: Dibromofluoromethane (75-125%)                                     | 103 %  |      |           |          |         | 1               | 11/06/10 02:10     | SW846 8260B | KKK     | 10J5627 |
| Surr: Toluene-d8 (76-129%)                                               | 101 %  |      |           |          |         | 1               | 11/06/10 02:10     | SW846 8260B | KKK     | 10J5627 |
| Surr: 4-Bromofluorobenzene (67-147%)                                     | 101 %  |      |           |          |         | 1               | 11/06/10 02:10     | SW846 8260B | KKK     | 10J5627 |
| Polyaromatic Hydrocarbons by EPA 8270D                                   |        |      |           |          |         |                 |                    |             |         |         |
| Acenaphthene                                                             | ND     |      | mg/kg dry | 0.0163   | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Acenaphthylene                                                           | ND     |      | mg/kg dry | 0.0233   | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Anthracene                                                               | ND     |      | mg/kg dry | 0.0105   | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Benzo (a) anthracene                                                     | ND     |      | mg/kg dry | 0.0128   | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Benzo (a) pyrene                                                         | ND     |      | mg/kg dry | 0.00930  | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Benzo (b) fluoranthene                                                   | ND     |      | mg/kg dry | 0.0442   | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Benzo (g,h,i) perylene                                                   | ND     |      | mg/kg dry | 0.0105   | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Benzo (k) fluoranthene                                                   | ND     |      | mg/kg dry | 0.0430   | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Chrysene                                                                 | ND     |      | mg/kg dry | 0.0360   | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Dibenz (a,h) anthracene                                                  | ND     |      | mg/kg dry | 0.0174   | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Fluoranthene                                                             | ND     |      | mg/kg dry | 0.0128   | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Fluorene                                                                 | ND     |      | mg/kg dry | 0.0233   | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Indeno (1,2,3-cd) pyrene                                                 | ND     |      | mg/kg dry | 0.0360   | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Naphthalene                                                              | ND     |      | mg/kg dry | 0.0163   | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Phenanthrene                                                             | ND     |      | mg/kg dry | 0.0116   | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Pyrene                                                                   | ND     |      | mg/kg dry | 0.0267   | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| 1-Methylnaphthalene                                                      | ND     |      | mg/kg dry | 0.0140   | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| 2-Methylnaphthalene                                                      | ND     |      | mg/kg dry | 0.0244   | 0.0779  | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Surr: Terphenyl-d14 (18-120%)                                            | 76 %   |      |           |          |         | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Surr: 2-Fluorobiphenyl (14-120%)                                         | 67 %   |      |           |          |         | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |
| Surr: Nitrobenzene-d5 (17-120%)                                          | 65 %   |      |           |          |         | 1               | 11/07/10 00:39     | SW846 8270D | JLS     | 10K0325 |

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

## SAMPLE EXTRACTION DATA

| Parameter                                      | Batch   | Lab Number    | Wt/Vol<br>Extracted | Extracted Vol | Date           | Analyst | Extraction<br>Method |
|------------------------------------------------|---------|---------------|---------------------|---------------|----------------|---------|----------------------|
| Polyaromatic Hydrocarbons by EPA 8270D         |         |               |                     |               |                |         |                      |
| SW846 8270D                                    | 10K0325 | NTK0063-01    | 30.70               | 1.00          | 11/05/10 09:45 | MSR     | EPA 3550B            |
| SW846 8270D                                    | 10K0325 | NTK0063-02    | 30.16               | 1.00          | 11/05/10 09:45 | MSR     | EPA 3550B            |
| SW846 8270D                                    | 10K0325 | NTK0063-02RE1 | 30.16               | 1.00          | 11/05/10 09:45 | MSR     | EPA 3550B            |
| SW846 8270D                                    | 10K0325 | NTK0063-03    | 30.75               | 1.00          | 11/05/10 09:45 | MSR     | EPA 3550B            |
| SW846 8270D                                    | 10K0325 | NTK0063-04    | 30.21               | 1.00          | 11/05/10 09:45 | MSR     | EPA 3550B            |
| SW846 8270D                                    | 10K0325 | NTK0063-05    | 30.11               | 1.00          | 11/05/10 09:45 | MSR     | EPA 3550B            |
| SW846 8270D                                    | 10K0325 | NTK0063-06    | 30.27               | 1.00          | 11/05/10 09:45 | MSR     | EPA 3550B            |
| Volatile Organic Compounds by EPA Method 8260B |         |               |                     |               |                |         |                      |
| SW846 8260B                                    | 10K0514 | NTK0063-01    | 4.47                | 5.00          | 10/25/10 10:15 | CHH     | EPA 5035             |
| SW846 8260B                                    | 10K0514 | NTK0063-02    | 4.36                | 5.00          | 10/25/10 15:00 | CHH     | EPA 5035             |
| SW846 8260B                                    | 10K0514 | NTK0063-03    | 4.69                | 5.00          | 10/26/10 11:00 | CHH     | EPA 5035             |
| SW846 8260B                                    | 10K0514 | NTK0063-04    | 4.58                | 5.00          | 10/26/10 14:45 | CHH     | EPA 5035             |
| SW846 8260B                                    | 10J5627 | NTK0063-05    | 4.73                | 5.00          | 10/27/10 10:00 | CHH     | EPA 5035             |
| SW846 8260B                                    | 10J5627 | NTK0063-06    | 5.39                | 5.00          | 10/27/10 13:45 | CHH     | EPA 5035             |

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

## PROJECT QUALITY CONTROL DATA

### Blank

| Analyte                                               | Blank Value | Q | Units     | Q.C. Batch | Lab Number   | Analyzed Date/Time |
|-------------------------------------------------------|-------------|---|-----------|------------|--------------|--------------------|
| <b>Volatile Organic Compounds by EPA Method 8260B</b> |             |   |           |            |              |                    |
| <b>10J5627-BLK1</b>                                   |             |   |           |            |              |                    |
| Benzene                                               | <0.00110    |   | mg/kg wet | 10J5627    | 10J5627-BLK1 | 11/06/10 00:42     |
| Ethylbenzene                                          | <0.000980   |   | mg/kg wet | 10J5627    | 10J5627-BLK1 | 11/06/10 00:42     |
| Naphthalene                                           | <0.00170    |   | mg/kg wet | 10J5627    | 10J5627-BLK1 | 11/06/10 00:42     |
| Toluene                                               | <0.000890   |   | mg/kg wet | 10J5627    | 10J5627-BLK1 | 11/06/10 00:42     |
| Xylenes, total                                        | <0.00190    |   | mg/kg wet | 10J5627    | 10J5627-BLK1 | 11/06/10 00:42     |
| Surrogate: 1,2-Dichloroethane-d4                      | 94%         |   |           | 10J5627    | 10J5627-BLK1 | 11/06/10 00:42     |
| Surrogate: Dibromofluoromethane                       | 106%        |   |           | 10J5627    | 10J5627-BLK1 | 11/06/10 00:42     |
| Surrogate: Toluene-d8                                 | 100%        |   |           | 10J5627    | 10J5627-BLK1 | 11/06/10 00:42     |
| Surrogate: 4-Bromofluorobenzene                       | 96%         |   |           | 10J5627    | 10J5627-BLK1 | 11/06/10 00:42     |
| <b>10J5627-BLK2</b>                                   |             |   |           |            |              |                    |
| Benzene                                               | <0.0550     |   | mg/kg wet | 10J5627    | 10J5627-BLK2 | 11/06/10 01:11     |
| Ethylbenzene                                          | <0.0490     |   | mg/kg wet | 10J5627    | 10J5627-BLK2 | 11/06/10 01:11     |
| Naphthalene                                           | <0.0850     |   | mg/kg wet | 10J5627    | 10J5627-BLK2 | 11/06/10 01:11     |
| Toluene                                               | <0.0445     |   | mg/kg wet | 10J5627    | 10J5627-BLK2 | 11/06/10 01:11     |
| Xylenes, total                                        | <0.0950     |   | mg/kg wet | 10J5627    | 10J5627-BLK2 | 11/06/10 01:11     |
| Surrogate: 1,2-Dichloroethane-d4                      | 78%         |   |           | 10J5627    | 10J5627-BLK2 | 11/06/10 01:11     |
| Surrogate: Dibromofluoromethane                       | 96%         |   |           | 10J5627    | 10J5627-BLK2 | 11/06/10 01:11     |
| Surrogate: Toluene-d8                                 | 95%         |   |           | 10J5627    | 10J5627-BLK2 | 11/06/10 01:11     |
| Surrogate: 4-Bromofluorobenzene                       | 99%         |   |           | 10J5627    | 10J5627-BLK2 | 11/06/10 01:11     |
| <b>10K0514-BLK1</b>                                   |             |   |           |            |              |                    |
| Benzene                                               | <0.00110    |   | mg/kg wet | 10K0514    | 10K0514-BLK1 | 11/05/10 12:51     |
| Ethylbenzene                                          | <0.000980   |   | mg/kg wet | 10K0514    | 10K0514-BLK1 | 11/05/10 12:51     |
| Naphthalene                                           | <0.00170    |   | mg/kg wet | 10K0514    | 10K0514-BLK1 | 11/05/10 12:51     |
| Toluene                                               | <0.000890   |   | mg/kg wet | 10K0514    | 10K0514-BLK1 | 11/05/10 12:51     |
| Xylenes, total                                        | <0.00190    |   | mg/kg wet | 10K0514    | 10K0514-BLK1 | 11/05/10 12:51     |
| Surrogate: 1,2-Dichloroethane-d4                      | 92%         |   |           | 10K0514    | 10K0514-BLK1 | 11/05/10 12:51     |
| Surrogate: Dibromofluoromethane                       | 105%        |   |           | 10K0514    | 10K0514-BLK1 | 11/05/10 12:51     |
| Surrogate: Toluene-d8                                 | 94%         |   |           | 10K0514    | 10K0514-BLK1 | 11/05/10 12:51     |
| Surrogate: 4-Bromofluorobenzene                       | 107%        |   |           | 10K0514    | 10K0514-BLK1 | 11/05/10 12:51     |
| <b>Polyaromatic Hydrocarbons by EPA 8270D</b>         |             |   |           |            |              |                    |
| <b>10K0325-BLK1</b>                                   |             |   |           |            |              |                    |
| Acenaphthene                                          | <0.0140     |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| Acenaphthylene                                        | <0.0200     |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| Anthracene                                            | <0.00900    |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| Benzo (a) anthracene                                  | <0.0110     |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| Benzo (a) pyrene                                      | <0.00800    |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| Benzo (b) fluoranthene                                | <0.0380     |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| Benzo (g,h,i) perylene                                | <0.00900    |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| Benzo (k) fluoranthene                                | <0.0370     |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

**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>10K0325-BLK1</b>                           |             |   |           |            |              |                    |
| Chrysene                                      | <0.0310     |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| Dibenz (a,h) anthracene                       | <0.0150     |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| Fluoranthene                                  | <0.0110     |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| Fluorene                                      | <0.0200     |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| Indeno (1,2,3-cd) pyrene                      | <0.0310     |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| Naphthalene                                   | <0.0140     |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| Phenanthrene                                  | <0.0100     |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| Pyrene                                        | <0.0230     |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| 1-Methylnaphthalene                           | <0.0120     |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| 2-Methylnaphthalene                           | <0.0210     |   | mg/kg wet | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| Surrogate: Terphenyl-d14                      | 85%         |   |           | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| Surrogate: 2-Fluorobiphenyl                   | 74%         |   |           | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |
| Surrogate: Nitrobenzene-d5                    | 73%         |   |           | 10K0325    | 10K0325-BLK1 | 11/06/10 21:43     |

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

## 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>10K1162-DUP1</b>                 |            |           |   |       |     |       |         |                   |        |                    |
| % Dry Solids                        | 90.1       | 89.5      |   | %     | 0.6 | 20    | 10K1162 | NTK0063-01        |        | 11/08/10 09:15     |

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

## 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>10J5627-BS1</b>                                    |            |              |   |           |        |              |         |                    |
| Benzene                                               | 50.0       | 48.8         |   | ug/kg     | 98%    | 78 - 126     | 10J5627 | 11/05/10 22:43     |
| Ethylbenzene                                          | 50.0       | 48.1         |   | ug/kg     | 96%    | 79 - 130     | 10J5627 | 11/05/10 22:43     |
| Naphthalene                                           | 50.0       | 49.1         |   | ug/kg     | 98%    | 72 - 150     | 10J5627 | 11/05/10 22:43     |
| Toluene                                               | 50.0       | 40.7         |   | ug/kg     | 81%    | 76 - 126     | 10J5627 | 11/05/10 22:43     |
| Xylenes, total                                        | 150        | 142          |   | ug/kg     | 95%    | 80 - 130     | 10J5627 | 11/05/10 22:43     |
| Surrogate: 1,2-Dichloroethane-d4                      | 50.0       | 47.2         |   |           | 94%    | 67 - 138     | 10J5627 | 11/05/10 22:43     |
| Surrogate: Dibromofluoromethane                       | 50.0       | 53.0         |   |           | 106%   | 75 - 125     | 10J5627 | 11/05/10 22:43     |
| Surrogate: Toluene-d8                                 | 50.0       | 41.5         |   |           | 83%    | 76 - 129     | 10J5627 | 11/05/10 22:43     |
| Surrogate: 4-Bromofluorobenzene                       | 50.0       | 45.9         |   |           | 92%    | 67 - 147     | 10J5627 | 11/05/10 22:43     |
| <b>10K0514-BS1</b>                                    |            |              |   |           |        |              |         |                    |
| Benzene                                               | 50.0       | 49.4         |   | ug/kg     | 99%    | 78 - 126     | 10K0514 | 11/05/10 10:52     |
| Ethylbenzene                                          | 50.0       | 53.5         |   | ug/kg     | 107%   | 79 - 130     | 10K0514 | 11/05/10 10:52     |
| Naphthalene                                           | 50.0       | 58.2         |   | ug/kg     | 116%   | 72 - 150     | 10K0514 | 11/05/10 10:52     |
| Toluene                                               | 50.0       | 48.2         |   | ug/kg     | 96%    | 76 - 126     | 10K0514 | 11/05/10 10:52     |
| Xylenes, total                                        | 150        | 164          |   | ug/kg     | 109%   | 80 - 130     | 10K0514 | 11/05/10 10:52     |
| Surrogate: 1,2-Dichloroethane-d4                      | 50.0       | 47.1         |   |           | 94%    | 67 - 138     | 10K0514 | 11/05/10 10:52     |
| Surrogate: Dibromofluoromethane                       | 50.0       | 53.4         |   |           | 107%   | 75 - 125     | 10K0514 | 11/05/10 10:52     |
| Surrogate: Toluene-d8                                 | 50.0       | 46.8         |   |           | 94%    | 76 - 129     | 10K0514 | 11/05/10 10:52     |
| Surrogate: 4-Bromofluorobenzene                       | 50.0       | 51.4         |   |           | 103%   | 67 - 147     | 10K0514 | 11/05/10 10:52     |
| <b>Polyaromatic Hydrocarbons by EPA 8270D</b>         |            |              |   |           |        |              |         |                    |
| <b>10K0325-BS1</b>                                    |            |              |   |           |        |              |         |                    |
| Acenaphthene                                          | 1.67       | 1.42         |   | mg/kg wet | 85%    | 49 - 120     | 10K0325 | 11/06/10 14:43     |
| Acenaphthylene                                        | 1.67       | 1.42         |   | mg/kg wet | 85%    | 52 - 120     | 10K0325 | 11/06/10 14:43     |
| Anthracene                                            | 1.67       | 1.51         |   | mg/kg wet | 91%    | 58 - 120     | 10K0325 | 11/06/10 14:43     |
| Benzo (a) anthracene                                  | 1.67       | 1.49         |   | mg/kg wet | 89%    | 57 - 120     | 10K0325 | 11/06/10 14:43     |
| Benzo (a) pyrene                                      | 1.67       | 1.62         |   | mg/kg wet | 97%    | 55 - 120     | 10K0325 | 11/06/10 14:43     |
| Benzo (b) fluoranthene                                | 1.67       | 1.49         |   | mg/kg wet | 89%    | 51 - 123     | 10K0325 | 11/06/10 14:43     |
| Benzo (g,h,i) perylene                                | 1.67       | 1.43         |   | mg/kg wet | 86%    | 49 - 121     | 10K0325 | 11/06/10 14:43     |
| Benzo (k) fluoranthene                                | 1.67       | 1.63         |   | mg/kg wet | 98%    | 42 - 129     | 10K0325 | 11/06/10 14:43     |
| Chrysene                                              | 1.67       | 1.39         |   | mg/kg wet | 83%    | 55 - 120     | 10K0325 | 11/06/10 14:43     |
| Dibenz (a,h) anthracene                               | 1.67       | 1.48         |   | mg/kg wet | 89%    | 50 - 123     | 10K0325 | 11/06/10 14:43     |
| Fluoranthene                                          | 1.67       | 1.33         |   | mg/kg wet | 80%    | 58 - 120     | 10K0325 | 11/06/10 14:43     |
| Fluorene                                              | 1.67       | 1.38         |   | mg/kg wet | 83%    | 54 - 120     | 10K0325 | 11/06/10 14:43     |
| Indeno (1,2,3-cd) pyrene                              | 1.67       | 1.50         |   | mg/kg wet | 90%    | 50 - 122     | 10K0325 | 11/06/10 14:43     |
| Naphthalene                                           | 1.67       | 1.04         |   | mg/kg wet | 62%    | 28 - 120     | 10K0325 | 11/06/10 14:43     |
| Phenanthrene                                          | 1.67       | 1.41         |   | mg/kg wet | 85%    | 56 - 120     | 10K0325 | 11/06/10 14:43     |
| Pyrene                                                | 1.67       | 1.54         |   | mg/kg wet | 92%    | 56 - 120     | 10K0325 | 11/06/10 14:43     |
| 1-Methylnaphthalene                                   | 1.67       | 1.02         |   | mg/kg wet | 61%    | 36 - 120     | 10K0325 | 11/06/10 14:43     |
| 2-Methylnaphthalene                                   | 1.67       | 1.09         |   | mg/kg wet | 66%    | 36 - 120     | 10K0325 | 11/06/10 14:43     |

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

## PROJECT QUALITY CONTROL DATA

### LCS - Cont.

| Analyte                                       | Known Val. | Analyzed Val | Q | Units | % Rec. | Target Range | Batch   | Analyzed Date/Time |
|-----------------------------------------------|------------|--------------|---|-------|--------|--------------|---------|--------------------|
| <b>Polyaromatic Hydrocarbons by EPA 8270D</b> |            |              |   |       |        |              |         |                    |
| <b>10K0325-BS1</b>                            |            |              |   |       |        |              |         |                    |
| Surrogate: Terphenyl-d14                      | 1.67       | 1.32         |   |       | 79%    | 18 - 120     | 10K0325 | 11/06/10 14:43     |
| Surrogate: 2-Fluorobiphenyl                   | 1.67       | 1.18         |   |       | 71%    | 14 - 120     | 10K0325 | 11/06/10 14:43     |
| Surrogate: Nitrobenzene-d5                    | 1.67       | 0.988        |   |       | 59%    | 17 - 120     | 10K0325 | 11/06/10 14:43     |

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

## 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>10J5627-BSD1</b>                                   |            |           |   |       |            |        |              |     |       |         |                   |                    |
| Benzene                                               |            | 46.9      |   | ug/kg | 50.0       | 94%    | 78 - 126     | 4   | 50    | 10J5627 |                   | 11/05/10 23:13     |
| Ethylbenzene                                          |            | 48.5      |   | ug/kg | 50.0       | 97%    | 79 - 130     | 0.8 | 50    | 10J5627 |                   | 11/05/10 23:13     |
| Naphthalene                                           |            | 47.2      |   | ug/kg | 50.0       | 94%    | 72 - 150     | 4   | 50    | 10J5627 |                   | 11/05/10 23:13     |
| Toluene                                               |            | 42.8      |   | ug/kg | 50.0       | 86%    | 76 - 126     | 5   | 50    | 10J5627 |                   | 11/05/10 23:13     |
| Xylenes, total                                        |            | 155       |   | ug/kg | 150        | 103%   | 80 - 130     | 8   | 50    | 10J5627 |                   | 11/05/10 23:13     |
| Surrogate: 1,2-Dichloroethane-d4                      |            | 46.2      |   | ug/kg | 50.0       | 92%    | 67 - 138     |     |       | 10J5627 |                   | 11/05/10 23:13     |
| Surrogate: Dibromofluoromethane                       |            | 54.4      |   | ug/kg | 50.0       | 109%   | 75 - 125     |     |       | 10J5627 |                   | 11/05/10 23:13     |
| Surrogate: Toluene-d8                                 |            | 46.1      |   | ug/kg | 50.0       | 92%    | 76 - 129     |     |       | 10J5627 |                   | 11/05/10 23:13     |
| Surrogate: 4-Bromofluorobenzene                       |            | 51.6      |   | ug/kg | 50.0       | 103%   | 67 - 147     |     |       | 10J5627 |                   | 11/05/10 23:13     |
| <b>10K0514-BSD1</b>                                   |            |           |   |       |            |        |              |     |       |         |                   |                    |
| Benzene                                               |            | 49.0      |   | ug/kg | 50.0       | 98%    | 78 - 126     | 1   | 50    | 10K0514 |                   | 11/05/10 11:22     |
| Ethylbenzene                                          |            | 52.4      |   | ug/kg | 50.0       | 105%   | 79 - 130     | 2   | 50    | 10K0514 |                   | 11/05/10 11:22     |
| Naphthalene                                           |            | 54.2      |   | ug/kg | 50.0       | 108%   | 72 - 150     | 7   | 50    | 10K0514 |                   | 11/05/10 11:22     |
| Toluene                                               |            | 47.2      |   | ug/kg | 50.0       | 94%    | 76 - 126     | 2   | 50    | 10K0514 |                   | 11/05/10 11:22     |
| Xylenes, total                                        |            | 161       |   | ug/kg | 150        | 107%   | 80 - 130     | 2   | 50    | 10K0514 |                   | 11/05/10 11:22     |
| Surrogate: 1,2-Dichloroethane-d4                      |            | 46.2      |   | ug/kg | 50.0       | 92%    | 67 - 138     |     |       | 10K0514 |                   | 11/05/10 11:22     |
| Surrogate: Dibromofluoromethane                       |            | 53.8      |   | ug/kg | 50.0       | 108%   | 75 - 125     |     |       | 10K0514 |                   | 11/05/10 11:22     |
| Surrogate: Toluene-d8                                 |            | 46.4      |   | ug/kg | 50.0       | 93%    | 76 - 129     |     |       | 10K0514 |                   | 11/05/10 11:22     |
| Surrogate: 4-Bromofluorobenzene                       |            | 51.8      |   | ug/kg | 50.0       | 104%   | 67 - 147     |     |       | 10K0514 |                   | 11/05/10 11:22     |

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

## 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>10J5627-MS1</b>                                    |            |        |   |           |            |        |              |         |               |                    |
| Benzene                                               | ND         | 2.39   |   | mg/kg dry | 2.46       | 97%    | 42 - 141     | 10J5627 | NTJ3485-10    | 11/06/10 08:34     |
| Ethylbenzene                                          | ND         | 2.30   |   | mg/kg dry | 2.46       | 93%    | 21 - 165     | 10J5627 | NTJ3485-10    | 11/06/10 08:34     |
| Naphthalene                                           | ND         | 2.11   |   | mg/kg dry | 2.46       | 86%    | 10 - 160     | 10J5627 | NTJ3485-10    | 11/06/10 08:34     |
| Toluene                                               | ND         | 2.24   |   | mg/kg dry | 2.46       | 91%    | 45 - 145     | 10J5627 | NTJ3485-10    | 11/06/10 08:34     |
| Xylenes, total                                        | ND         | 6.95   |   | mg/kg dry | 7.39       | 94%    | 31 - 159     | 10J5627 | NTJ3485-10    | 11/06/10 08:34     |
| Surrogate: 1,2-Dichloroethane-d4                      |            | 43.0   |   | ug/kg     | 50.0       | 86%    | 67 - 138     | 10J5627 | NTJ3485-10    | 11/06/10 08:34     |
| Surrogate: Dibromofluoromethane                       |            | 49.3   |   | ug/kg     | 50.0       | 99%    | 75 - 125     | 10J5627 | NTJ3485-10    | 11/06/10 08:34     |
| Surrogate: Toluene-d8                                 |            | 47.2   |   | ug/kg     | 50.0       | 94%    | 76 - 129     | 10J5627 | NTJ3485-10    | 11/06/10 08:34     |
| Surrogate: 4-Bromofluorobenzene                       |            | 47.8   |   | ug/kg     | 50.0       | 96%    | 67 - 147     | 10J5627 | NTJ3485-10    | 11/06/10 08:34     |
| <b>10K0514-MS1</b>                                    |            |        |   |           |            |        |              |         |               |                    |
| Benzene                                               | ND         | 0.0586 |   | mg/kg dry | 0.0712     | 82%    | 42 - 141     | 10K0514 | NTK0196-08    | 11/05/10 20:15     |
| Ethylbenzene                                          | ND         | 0.0619 |   | mg/kg dry | 0.0712     | 87%    | 21 - 165     | 10K0514 | NTK0196-08    | 11/05/10 20:15     |
| Naphthalene                                           | ND         | 0.0461 |   | mg/kg dry | 0.0712     | 65%    | 10 - 160     | 10K0514 | NTK0196-08    | 11/05/10 20:15     |
| Toluene                                               | ND         | 0.0570 |   | mg/kg dry | 0.0712     | 80%    | 45 - 145     | 10K0514 | NTK0196-08    | 11/05/10 20:15     |
| Xylenes, total                                        | ND         | 0.186  |   | mg/kg dry | 0.214      | 87%    | 31 - 159     | 10K0514 | NTK0196-08    | 11/05/10 20:15     |
| Surrogate: 1,2-Dichloroethane-d4                      |            | 46.1   |   | ug/kg     | 50.0       | 92%    | 67 - 138     | 10K0514 | NTK0196-08    | 11/05/10 20:15     |
| Surrogate: Dibromofluoromethane                       |            | 53.2   |   | ug/kg     | 50.0       | 106%   | 75 - 125     | 10K0514 | NTK0196-08    | 11/05/10 20:15     |
| Surrogate: Toluene-d8                                 |            | 46.8   |   | ug/kg     | 50.0       | 94%    | 76 - 129     | 10K0514 | NTK0196-08    | 11/05/10 20:15     |
| Surrogate: 4-Bromofluorobenzene                       |            | 48.4   |   | ug/kg     | 50.0       | 97%    | 67 - 147     | 10K0514 | NTK0196-08    | 11/05/10 20:15     |
| <b>Polyaromatic Hydrocarbons by EPA 8270D</b>         |            |        |   |           |            |        |              |         |               |                    |
| <b>10K0325-MS1</b>                                    |            |        |   |           |            |        |              |         |               |                    |
| Acenaphthene                                          | ND         | 1.17   |   | mg/kg dry | 1.68       | 70%    | 42 - 120     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| Acenaphthylene                                        | ND         | 1.18   |   | mg/kg dry | 1.68       | 70%    | 32 - 120     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| Anthracene                                            | ND         | 1.22   |   | mg/kg dry | 1.68       | 73%    | 10 - 200     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| Benzo (a) anthracene                                  | ND         | 1.20   |   | mg/kg dry | 1.68       | 71%    | 41 - 120     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| Benzo (a) pyrene                                      | ND         | 1.29   |   | mg/kg dry | 1.68       | 77%    | 33 - 121     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| Benzo (b) fluoranthene                                | ND         | 1.28   |   | mg/kg dry | 1.68       | 76%    | 26 - 137     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| Benzo (g,h,i) perylene                                | ND         | 1.12   |   | mg/kg dry | 1.68       | 67%    | 21 - 124     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| Benzo (k) fluoranthene                                | ND         | 1.19   |   | mg/kg dry | 1.68       | 71%    | 14 - 140     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| Chrysene                                              | ND         | 1.13   |   | mg/kg dry | 1.68       | 67%    | 28 - 123     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| Dibenz (a,h) anthracene                               | ND         | 1.15   |   | mg/kg dry | 1.68       | 69%    | 25 - 127     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| Fluoranthene                                          | ND         | 1.09   |   | mg/kg dry | 1.68       | 65%    | 38 - 120     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| Fluorene                                              | ND         | 1.11   |   | mg/kg dry | 1.68       | 66%    | 41 - 120     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| Indeno (1,2,3-cd) pyrene                              | ND         | 1.17   |   | mg/kg dry | 1.68       | 70%    | 25 - 123     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| Naphthalene                                           | ND         | 0.895  |   | mg/kg dry | 1.68       | 53%    | 25 - 120     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| Phenanthrene                                          | ND         | 1.16   |   | mg/kg dry | 1.68       | 69%    | 37 - 120     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

**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 |
|-----------------------------------------------|------------|--------|---|-----------|------------|--------|--------------|---------|---------------|--------------------|
| <b>Polyaromatic Hydrocarbons by EPA 8270D</b> |            |        |   |           |            |        |              |         |               |                    |
| <b>10K0325-MS1</b>                            |            |        |   |           |            |        |              |         |               |                    |
| Pyrene                                        | ND         | 1.28   |   | mg/kg dry | 1.68       | 76%    | 29 - 125     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| 1-Methylnaphthalene                           | ND         | 0.885  |   | mg/kg dry | 1.68       | 53%    | 19 - 120     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| 2-Methylnaphthalene                           | ND         | 0.950  |   | mg/kg dry | 1.68       | 57%    | 11 - 120     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| Surrogate: Terphenyl-d14                      |            | 1.02   |   | mg/kg dry | 1.68       | 61%    | 18 - 120     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| Surrogate: 2-Fluorobiphenyl                   |            | 0.957  |   | mg/kg dry | 1.68       | 57%    | 14 - 120     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |
| Surrogate: Nitrobenzene-d5                    |            | 0.804  |   | mg/kg dry | 1.68       | 48%    | 17 - 120     | 10K0325 | NTK0056-01    | 11/06/10 22:05     |

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

## 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>10J5627-MSD1</b>                                   |            |           |   |           |            |        |              |     |       |         |                   |                    |
| Benzene                                               | ND         | 2.46      |   | mg/kg dry | 2.46       | 100%   | 42 - 141     | 3   | 50    | 10J5627 | NTJ3485-10        | 11/06/10 09:04     |
| Ethylbenzene                                          | ND         | 2.55      |   | mg/kg dry | 2.46       | 104%   | 21 - 165     | 10  | 50    | 10J5627 | NTJ3485-10        | 11/06/10 09:04     |
| Naphthalene                                           | ND         | 2.30      |   | mg/kg dry | 2.46       | 94%    | 10 - 160     | 9   | 50    | 10J5627 | NTJ3485-10        | 11/06/10 09:04     |
| Toluene                                               | ND         | 2.41      |   | mg/kg dry | 2.46       | 98%    | 45 - 145     | 7   | 50    | 10J5627 | NTJ3485-10        | 11/06/10 09:04     |
| Xylenes, total                                        | ND         | 8.02      |   | mg/kg dry | 7.39       | 109%   | 31 - 159     | 14  | 50    | 10J5627 | NTJ3485-10        | 11/06/10 09:04     |
| Surrogate: 1,2-Dichloroethane-d4                      |            | 42.9      |   | ug/kg     | 50.0       | 86%    | 67 - 138     |     |       | 10J5627 | NTJ3485-10        | 11/06/10 09:04     |
| Surrogate: Dibromofluoromethane                       |            | 49.9      |   | ug/kg     | 50.0       | 100%   | 75 - 125     |     |       | 10J5627 | NTJ3485-10        | 11/06/10 09:04     |
| Surrogate: Toluene-d8                                 |            | 47.7      |   | ug/kg     | 50.0       | 95%    | 76 - 129     |     |       | 10J5627 | NTJ3485-10        | 11/06/10 09:04     |
| Surrogate: 4-Bromofluorobenzene                       |            | 51.0      |   | ug/kg     | 50.0       | 102%   | 67 - 147     |     |       | 10J5627 | NTJ3485-10        | 11/06/10 09:04     |
| <b>10K0514-MSD1</b>                                   |            |           |   |           |            |        |              |     |       |         |                   |                    |
| Benzene                                               | ND         | 0.0524    |   | mg/kg dry | 0.0639     | 82%    | 42 - 141     | 11  | 50    | 10K0514 | NTK0196-08        | 11/05/10 20:45     |
| Ethylbenzene                                          | ND         | 0.0552    |   | mg/kg dry | 0.0639     | 86%    | 21 - 165     | 12  | 50    | 10K0514 | NTK0196-08        | 11/05/10 20:45     |
| Naphthalene                                           | ND         | 0.0397    |   | mg/kg dry | 0.0639     | 62%    | 10 - 160     | 15  | 50    | 10K0514 | NTK0196-08        | 11/05/10 20:45     |
| Toluene                                               | ND         | 0.0512    |   | mg/kg dry | 0.0639     | 80%    | 45 - 145     | 11  | 50    | 10K0514 | NTK0196-08        | 11/05/10 20:45     |
| Xylenes, total                                        | ND         | 0.167     |   | mg/kg dry | 0.192      | 87%    | 31 - 159     | 11  | 50    | 10K0514 | NTK0196-08        | 11/05/10 20:45     |
| Surrogate: 1,2-Dichloroethane-d4                      |            | 45.6      |   | ug/kg     | 50.0       | 91%    | 67 - 138     |     |       | 10K0514 | NTK0196-08        | 11/05/10 20:45     |
| Surrogate: Dibromofluoromethane                       |            | 53.6      |   | ug/kg     | 50.0       | 107%   | 75 - 125     |     |       | 10K0514 | NTK0196-08        | 11/05/10 20:45     |
| Surrogate: Toluene-d8                                 |            | 47.3      |   | ug/kg     | 50.0       | 95%    | 76 - 129     |     |       | 10K0514 | NTK0196-08        | 11/05/10 20:45     |
| Surrogate: 4-Bromofluorobenzene                       |            | 49.3      |   | ug/kg     | 50.0       | 99%    | 67 - 147     |     |       | 10K0514 | NTK0196-08        | 11/05/10 20:45     |
| <b>Polyaromatic Hydrocarbons by EPA 8270D</b>         |            |           |   |           |            |        |              |     |       |         |                   |                    |
| <b>10K0325-MSD1</b>                                   |            |           |   |           |            |        |              |     |       |         |                   |                    |
| Acenaphthene                                          | ND         | 1.13      |   | mg/kg dry | 1.71       | 66%    | 42 - 120     | 4   | 40    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| Acenaphthylene                                        | ND         | 1.12      |   | mg/kg dry | 1.71       | 66%    | 32 - 120     | 5   | 30    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| Anthracene                                            | ND         | 1.18      |   | mg/kg dry | 1.71       | 69%    | 10 - 200     | 4   | 50    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| Benzo (a) anthracene                                  | ND         | 1.19      |   | mg/kg dry | 1.71       | 69%    | 41 - 120     | 0.9 | 30    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| Benzo (a) pyrene                                      | ND         | 1.23      |   | mg/kg dry | 1.71       | 72%    | 33 - 121     | 5   | 33    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| Benzo (b) fluoranthene                                | ND         | 1.24      |   | mg/kg dry | 1.71       | 73%    | 26 - 137     | 3   | 42    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| Benzo (g,h,i) perylene                                | ND         | 1.06      |   | mg/kg dry | 1.71       | 62%    | 21 - 124     | 5   | 32    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| Benzo (k) fluoranthene                                | ND         | 1.16      |   | mg/kg dry | 1.71       | 68%    | 14 - 140     | 3   | 39    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| Chrysene                                              | ND         | 1.06      |   | mg/kg dry | 1.71       | 62%    | 28 - 123     | 6   | 34    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| Dibenz (a,h) anthracene                               | ND         | 1.09      |   | mg/kg dry | 1.71       | 64%    | 25 - 127     | 6   | 31    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| Fluoranthene                                          | ND         | 1.06      |   | mg/kg dry | 1.71       | 62%    | 38 - 120     | 3   | 35    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| Fluorene                                              | ND         | 1.08      |   | mg/kg dry | 1.71       | 63%    | 41 - 120     | 3   | 37    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| Indeno (1,2,3-cd) pyrene                              | ND         | 1.11      |   | mg/kg dry | 1.71       | 65%    | 25 - 123     | 5   | 32    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| Naphthalene                                           | ND         | 0.866     |   | mg/kg dry | 1.71       | 51%    | 25 - 120     | 3   | 42    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| Phenanthrene                                          | ND         | 1.13      |   | mg/kg dry | 1.71       | 66%    | 37 - 120     | 3   | 32    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| Pyrene                                                | ND         | 1.25      |   | mg/kg dry | 1.71       | 73%    | 29 - 125     | 2   | 40    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| 1-Methylnaphthalene                                   | ND         | 0.850     |   | mg/kg dry | 1.71       | 50%    | 19 - 120     | 4   | 45    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| 2-Methylnaphthalene                                   | ND         | 0.912     |   | mg/kg dry | 1.71       | 53%    | 11 - 120     | 4   | 50    | 10K0325 | NTK0056-01        | 11/06/10 22:28     |

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

## 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 |
|-----------------------------------------------|------------|-----------|---|-----------|------------|--------|--------------|-----|-------|---------|-------------------|--------------------|
| <b>Polyaromatic Hydrocarbons by EPA 8270D</b> |            |           |   |           |            |        |              |     |       |         |                   |                    |
| <b>10K0325-MSD1</b>                           |            |           |   |           |            |        |              |     |       |         |                   |                    |
| Surrogate: Terphenyl-d14                      |            | 1.03      |   | mg/kg dry | 1.71       | 60%    | 18 - 120     |     |       | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| Surrogate: 2-Fluorobiphenyl                   |            | 0.912     |   | mg/kg dry | 1.71       | 53%    | 14 - 120     |     |       | 10K0325 | NTK0056-01        | 11/06/10 22:28     |
| Surrogate: Nitrobenzene-d5                    |            | 0.779     |   | mg/kg dry | 1.71       | 46%    | 17 - 120     |     |       | 10K0325 | NTK0056-01        | 11/06/10 22:28     |

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

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

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   |      |       |                |

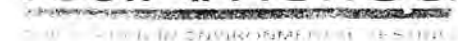
Client EEG - Small Business Group, Inc. (2449)  
10179 Highway 78  
Ladson, SC 29456  
Attn Tom McElwee

Work Order: NTK0063  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 10/30/10 08:45

## DATA QUALIFIERS AND DEFINITIONS

- J** Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).  
Concentrations within this range are estimated.
- ND** Not detected at the reporting limit (or method detection limit if shown)

## METHOD MODIFICATION NOTES



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

Compliance Monitoring? Yes \_\_\_\_\_ No \_\_\_\_\_  
Enforcement Action? Yes \_\_\_\_\_ No \_\_\_\_\_

**Sampler Signature:** 

Project #:

| Sample ID / Description      |  | Date Sampled   | Time Sampled | No. of Containers Shipped            | Grab | Composite                | Field Filtered | Ice   | HNO <sub>3</sub> (Red Label) | Preservative                                          | None (Black Label)           | Other (Specify) | Groundwater             | Wastewater | Drinking Water | Sludge | Soil | Other (specify): | BTEX + Napth - 8260B | PAH - 8270C | Analyze For: | RUSH TAT (Pre-Schedule) |  |
|------------------------------|--|----------------|--------------|--------------------------------------|------|--------------------------|----------------|-------|------------------------------|-------------------------------------------------------|------------------------------|-----------------|-------------------------|------------|----------------|--------|------|------------------|----------------------|-------------|--------------|-------------------------|--|
| 781 LAUREL Bay Blvd          |  | 10/20/10       | 1015         | 5                                    | X    |                          |                |       |                              | NaOH (Orange Label)                                   |                              |                 |                         |            |                |        |      | X                | X                    | X           |              |                         |  |
| 819 AZALEA                   |  | 10/25/10       | 1500         | 5                                    | X    |                          |                |       |                              | H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label) |                              |                 |                         |            |                |        |      | X                | X                    | X           |              |                         |  |
| 816 AZALEA                   |  | 10/26/10       | 1100         | 5                                    | X    |                          |                |       |                              | H <sub>2</sub> SO <sub>4</sub> Glass (Yellow Label)   |                              |                 |                         |            |                |        |      | X                | X                    | X           |              |                         |  |
| 825 AZALEA                   |  | 10/26/10       | 1445         | 5                                    | X    |                          |                |       |                              |                                                       |                              |                 |                         |            |                |        |      | X                | X                    | X           |              |                         |  |
| 823 AZALEA                   |  | 10/27/10       | 1000         | 5                                    | X    |                          |                |       |                              |                                                       |                              |                 |                         |            |                |        |      | X                | X                    | X           |              |                         |  |
| 822 AZALEA                   |  | 10/27/10       | 1345         | 5                                    | X    |                          |                |       |                              |                                                       |                              |                 |                         |            |                |        |      | X                | X                    | X           |              |                         |  |
| Special Instructions:        |  |                |              |                                      |      |                          |                |       |                              |                                                       |                              |                 |                         |            |                |        |      |                  |                      |             |              | Laboratory Comments:    |  |
| Relinquished by: [Signature] |  | Date: 10/29/10 | Time: 1000   | Method of Shipment: FEDEX            |      | Received by: [Signature] |                | Date: | Time:                        |                                                       | Temperature Upon Receipt: 17 |                 | VOCs Free of Headspace? |            |                |        |      |                  |                      |             |              |                         |  |
| Relinquished by: [Signature] |  | Date:          | Time:        | Received by TestAmerica: [Signature] |      | Date: 10/30/10           | Time: 5:25     |       |                              |                                                       |                              |                 |                         |            |                |        |      |                  |                      |             |              |                         |  |

ATTACHMENT A



# NON-HAZARDOUS MANIFEST

|                                                                                                                                                                                                                                                                                                                            |  |                              |  |                                                       |      |                                            |                   |                    |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|--|-------------------------------------------------------|------|--------------------------------------------|-------------------|--------------------|------------|
| <b>NON-HAZARDOUS MANIFEST</b>                                                                                                                                                                                                                                                                                              |  | 1. Generator's US EPA ID No. |  | Manifest Doc No.                                      |      | 2. Page 1 of 1                             |                   |                    |            |
| 3. Generator's Mailing Address:<br>MCAS, BEAUFORT<br>LAUREL BAY HOUSING<br>BEAUFORT, SC 29907                                                                                                                                                                                                                              |  |                              |  | Generator's Site Address (if different than mailing): |      | A. Manifest Number<br><b>WMNA 00316798</b> |                   |                    |            |
| 4. Generator's Phone 843-228-6461                                                                                                                                                                                                                                                                                          |  |                              |  |                                                       |      | B. State Generator's ID                    |                   |                    |            |
| 5. Transporter 1 Company Name<br>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<br>HICKORY HILL LANDFILL<br>2621 LOW COUNTRY ROAD<br>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 843-987-4643       |                   |                    |            |
| 11. Description of Waste Materials                                                                                                                                                                                                                                                                                         |  |                              |  | 12. Containers                                        |      | 13. Total Quantity                         | 14. Unit Wt./Vol. | 15. Misc. Comments |            |
|                                                                                                                                                                                                                                                                                                                            |  |                              |  | No.                                                   | Type |                                            |                   |                    |            |
| a. HEATING OIL TANKS FILLED WITH SAND<br><br>WM Profile # 102655SC                                                                                                                                                                                                                                                         |  |                              |  |                                                       |      |                                            |                   |                    |            |
|                                                                                                                                                                                                                                                                                                                            |  |                              |  |                                                       |      |                                            |                   |                    |            |
| b.<br><br>WM Profile #                                                                                                                                                                                                                                                                                                     |  |                              |  |                                                       |      |                                            |                   |                    |            |
|                                                                                                                                                                                                                                                                                                                            |  |                              |  |                                                       |      |                                            |                   |                    |            |
| c.<br><br>WM Profile #                                                                                                                                                                                                                                                                                                     |  |                              |  |                                                       |      |                                            |                   |                    |            |
|                                                                                                                                                                                                                                                                                                                            |  |                              |  |                                                       |      |                                            |                   |                    |            |
| d.<br><br>WM Profile #                                                                                                                                                                                                                                                                                                     |  |                              |  |                                                       |      |                                            |                   |                    |            |
|                                                                                                                                                                                                                                                                                                                            |  |                              |  |                                                       |      |                                            |                   |                    |            |
| J. Additional Descriptions for Materials Listed Above                                                                                                                                                                                                                                                                      |  |                              |  | K. Disposal Location                                  |      |                                            |                   |                    |            |
|                                                                                                                                                                                                                                                                                                                            |  |                              |  | Cell                                                  |      | Level                                      |                   |                    |            |
|                                                                                                                                                                                                                                                                                                                            |  |                              |  | Grid                                                  |      |                                            |                   |                    |            |
| 15. Special Handling Instructions and Additional Information<br>1) 776 Laurel Bay Blvd. 2) 781 Laurel Bay Blvd. 3) 819 Azalea. 4) 816 Azalea. 5) 825 Azalea. 6) 823 Azalea.                                                                                                                                                |  |                              |  |                                                       |      |                                            |                   |                    |            |
| Purchase Order # _____ EMERGENCY CONTACT / PHONE NO.: _____                                                                                                                                                                                                                                                                |  |                              |  |                                                       |      |                                            |                   |                    |            |
| 16. GENERATOR'S CERTIFICATE:<br>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 _____                                                                                                                                                                                                                                                                                                         |  |                              |  | Signature "On behalf of" _____                        |      |                                            | Month _____       | Day _____          | Year _____ |
| 17. Transporter 1 Acknowledgement of Receipt of Materials                                                                                                                                                                                                                                                                  |  |                              |  |                                                       |      |                                            |                   |                    |            |
| Printed Name _____                                                                                                                                                                                                                                                                                                         |  |                              |  | Signature _____                                       |      |                                            | Month _____       | Day _____          | Year _____ |
| 18. Transporter 2 Acknowledgement of Receipt of Materials                                                                                                                                                                                                                                                                  |  |                              |  |                                                       |      |                                            |                   |                    |            |
| Printed Name _____                                                                                                                                                                                                                                                                                                         |  |                              |  | Signature _____                                       |      |                                            | Month _____       | Day _____          | Year _____ |
| 19. Certificate of Final Treatment/Disposal<br>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 _____                                                                                                                                                                                                                                                                                                         |  |                              |  | Signature _____                                       |      |                                            | Month _____       | Day _____          | Year _____ |

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 |                |