

**SUMMARY REPORT  
20 ALBATROSS DRIVE (FORMERLY 532 ALBATROSS 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:**



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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                             |
| ft              | feet                                                          |
| IDIQ            | Indefinite Delivery, Indefinite Quantity                      |
| IGWA            | Initial Groundwater Assessment                                |
| JV              | Joint Venture                                                 |
| LBMH            | Laurel Bay Military Housing                                   |
| MCAS            | Marine Corps Air Station                                      |
| NAVFAC Mid-Lant | Naval Facilities Engineering Command Mid-Atlantic             |
| NFA             | No Further Action                                             |
| PAH             | polynuclear aromatic hydrocarbon                              |
| QAPP            | Quality Assurance Program Plan                                |
| RBSL            | risk-based screening level                                    |
| SCDHEC          | South Carolina Department of Health and Environmental Control |
| Site            | LBMH area at MCAS Beaufort, South Carolina                    |
| UST             | underground storage tank                                      |
| VISL            | vapor intrusion screening level                               |

## **1.0 INTRODUCTION**

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

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

This report summarizes the results the environmental investigation activities associated with the storage of home heating oil and the potential release of petroleum constituents at the referenced property. Based on the results of the investigation, a No Further Action (NFA) determination has been made by the South Carolina Department of Health and Environmental Control (SCDHEC) for 20 Albatross Drive (Formerly 532 Albatross 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 20 Albatross Drive (Formerly 532 Albatross Drive). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 532 Albatross Drive* (MCAS Beaufort, 2010). The UST Assessment Report is provided in Appendix B. Details regarding the IGWA sampling activities at this site are provided in the *Initial Groundwater Investigation Report – May and June 2015* (Resolution Consultants, 2015). The laboratory report that includes the pertinent IGWA analytical results for this site is presented in Appendix C.

### **2.1 UST Removal and Soil Sampling**

On November 23, 2009, a single 280 gallon heating oil UST was removed from the front landscaped bed area adjacent to the driveway at 20 Albatross Drive (Formerly 532 Albatross Drive). The former UST location is indicated on Figures 2 and 3 of the UST Assessment Report (Appendix B). The UST was removed, cleaned, and shipped offsite for recycling. There was no

visual evidence (i.e., staining or sheen) of petroleum impact at the time of the UST removal. According to the UST Assessment Report (Appendix B), the depth to the base of the UST was 6'1" bgs and a single soil sample was collected from that depth. The sample was collected from the fill port side of the former UST to represent a worst case scenario.

Following UST removal, a soil sample was collected from the base of the excavation and shipped to an offsite laboratory for analysis of the petroleum COPCs. Sampling was performed in accordance with applicable South Carolina regulation R.61-92, Part 280 (SCDHEC, 2017) and assessment guidelines.

## **2.2 Soil Analytical Results**

A summary of the laboratory analytical results and SCDHEC RBSLs is presented in Table 1. A copy of the laboratory analytical data report is included in the UST Assessment Report presented in Appendix B. The laboratory analytical data report includes the soil results for the additional PAHs that were analyzed, but do not have associated RBSLs.

The soil sample results were submitted by MCAS Beaufort to SCDHEC utilizing SCDHEC's UST Assessment Report form (Appendix B). The results of the soil sampling at the former UST location were used by MCAS Beaufort, in consultation with SCDHEC, to determine a path forward (i.e., additional sampling or NFA) for the property. The soil results collected from 20 Albatross Drive (Formerly 532 Albatross Drive) were greater than the SCDHEC RBSLs, which indicated further investigation was required. In a letter dated May 15, 2014, SCDHEC requested an IGWA for 20 Albatross Drive (Formerly 532 Albatross Drive) to determine if the groundwater was impacted by petroleum COPCs. SCDHEC's request letter is provided in Appendix D.

## **2.3 Groundwater Sampling**

On June 10, 2015, a temporary monitoring well was installed at 20 Albatross Drive (Formerly 532 Albatross Drive), in accordance with the South Carolina Well Standards and Regulations (R.61-71.H-I, updated June 24, 2016). In order to provide data that can be used to determine whether COPCs are migrating to underlying groundwater, the monitoring well was placed in the same general location as the former heating oil UST. The former UST location is indicated on Figures 2 and 3 of the UST Assessment Report (Appendix B). Further details are provided in the *Initial Groundwater Investigation Report – May and June 2015* (Resolution Consultants, 2015).

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

## **2.4 Groundwater Analytical Results**

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

The groundwater results collected from 20 Albatross Drive (Formerly 532 Albatross Drive) were less than the SCDHEC RBSLs and the site specific groundwater VISLs (Table 2), which indicated that the groundwater was not impacted by COPCs associated with the former UST at concentrations that present a potential risk to human health and the environment.

## **3.0 PROPERTY STATUS**

Based on the analytical results for groundwater, SCDHEC made the determination that NFA was required for 20 Albatross Drive (Formerly 532 Albatross Drive). This NFA determination was obtained in a letter dated February 22, 2016. SCDHEC's NFA letter is provided in Appendix D.

## **4.0 REFERENCES**

Marine Corps Air Station Beaufort, 2010. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 532 Albatross Drive, Laurel Bay Military Housing Area*, February 2010.

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

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

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

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

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

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

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

## Tables

**Table 1**  
**Laboratory Analytical Results - Soil**  
**20 Albatross Drive (Formerly 532 Albatross Drive)**  
**Laurel Bay Military Housing Area**  
**Marine Corps Air Station Beaufort**  
**Beaufort, South Carolina**

| Constituent                                                                | SCDHEC RBSLs <sup>(1)</sup> | Results<br>Sample Collected 11/23/09 |
|----------------------------------------------------------------------------|-----------------------------|--------------------------------------|
| <b>Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)</b>     |                             |                                      |
| Benzene                                                                    | 0.003                       | <b>0.00350</b>                       |
| Ethylbenzene                                                               | 1.15                        | <b>0.148</b>                         |
| Naphthalene                                                                | 0.036                       | <b>3.17</b>                          |
| Toluene                                                                    | 0.627                       | ND                                   |
| Xylenes, Total                                                             | 13.01                       | <b>0.0904</b>                        |
| <b>Semivolatile Organic Compounds Analyzed by EPA Method 8270D (mg/kg)</b> |                             |                                      |
| Benzo(a)anthracene                                                         | 0.66                        | <b>0.517</b>                         |
| Benzo(b)fluoranthene                                                       | 0.66                        | <b>0.247</b>                         |
| Benzo(k)fluoranthene                                                       | 0.66                        | <b>0.172</b>                         |
| Chrysene                                                                   | 0.66                        | <b>0.362</b>                         |
| 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 2.0 (SCDHEC, April 2013).

Bold font indicates the analyte was detected.

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

EPA - United States Environmental Protection Agency

mg/kg - milligrams per kilogram

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

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

**Table 2**  
**Laboratory Analytical Results - Groundwater**  
**20 Albatross Drive (Formerly 532 Albatross Drive)**  
**Laurel Bay Military Housing Area**  
**Marine Corps Air Station Beaufort**  
**Beaufort, South Carolina**

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

**FD**

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

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

Bold font indicates the analyte was detected.

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

EPA - United States Environmental Protection Agency

JE - Johnson & Ettinger

NA - Not Applicable

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

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

µg/L - micrograms per liter

VISL - Vapor Intrusion Screening Level

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



Appendix A - Multi-Media Selection Process for LBMH

**Appendix B**  
**UST Assessment Report**

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

Date Received

State Use Only

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

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

MCAS Beaufort, Commanding Officer Attn: NREAO (Craig Ehde)

Owner Name (Corporation, Individual, Public Agency, Other)

P.O. Box 55001

Mailing Address

Beaufort, South Carolina 29904-5001  
 City State Zip Code

843 228-7317 Craig Ehde  
 Area Code Telephone Number Contact Person

**II. SITE IDENTIFICATION AND LOCATION**

Permit I.D. #

Laurel Bay Military Housing Area, Marine Corps Air Station, Beaufort, SC  
 Facility Name or Company Site Identifier

532 Laurel Bay Blvd., 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.....

|                 |  |  |  |  |
|-----------------|--|--|--|--|
| 532<br>LaurelBB |  |  |  |  |
| Heating oil     |  |  |  |  |
| 280 gal         |  |  |  |  |
| Late 1950s      |  |  |  |  |
| Steel           |  |  |  |  |
| Unknown         |  |  |  |  |
| 6'1"            |  |  |  |  |
| No              |  |  |  |  |
| No              |  |  |  |  |
| Removed         |  |  |  |  |
| 11/23/09        |  |  |  |  |
| Yes             |  |  |  |  |
| Yes             |  |  |  |  |

- M. Method of disposal for any USTs removed from the ground (attach disposal manifests)  
UST 532LaurelBB was removed from the ground and disposed of at a  
Subtitle "D" landfill. See Attachment "A".
- 
- N. Method of disposal for any liquid petroleum, sludges, or wastewaters removed from the USTs (attach disposal manifests)  
UST 532LaurelBB 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.

|                   |  |  |  |  |
|-------------------|--|--|--|--|
| 532<br>LaurelBB   |  |  |  |  |
| 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 # |
|-----------------|----------------------|-----------------------------|--------------------------|--------|----------------------------|-----------------|-------|
| 532<br>LaurelBB | Excav at<br>fill end | Soil                        | Sandy                    | 6'1"   | 11/23/09<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.

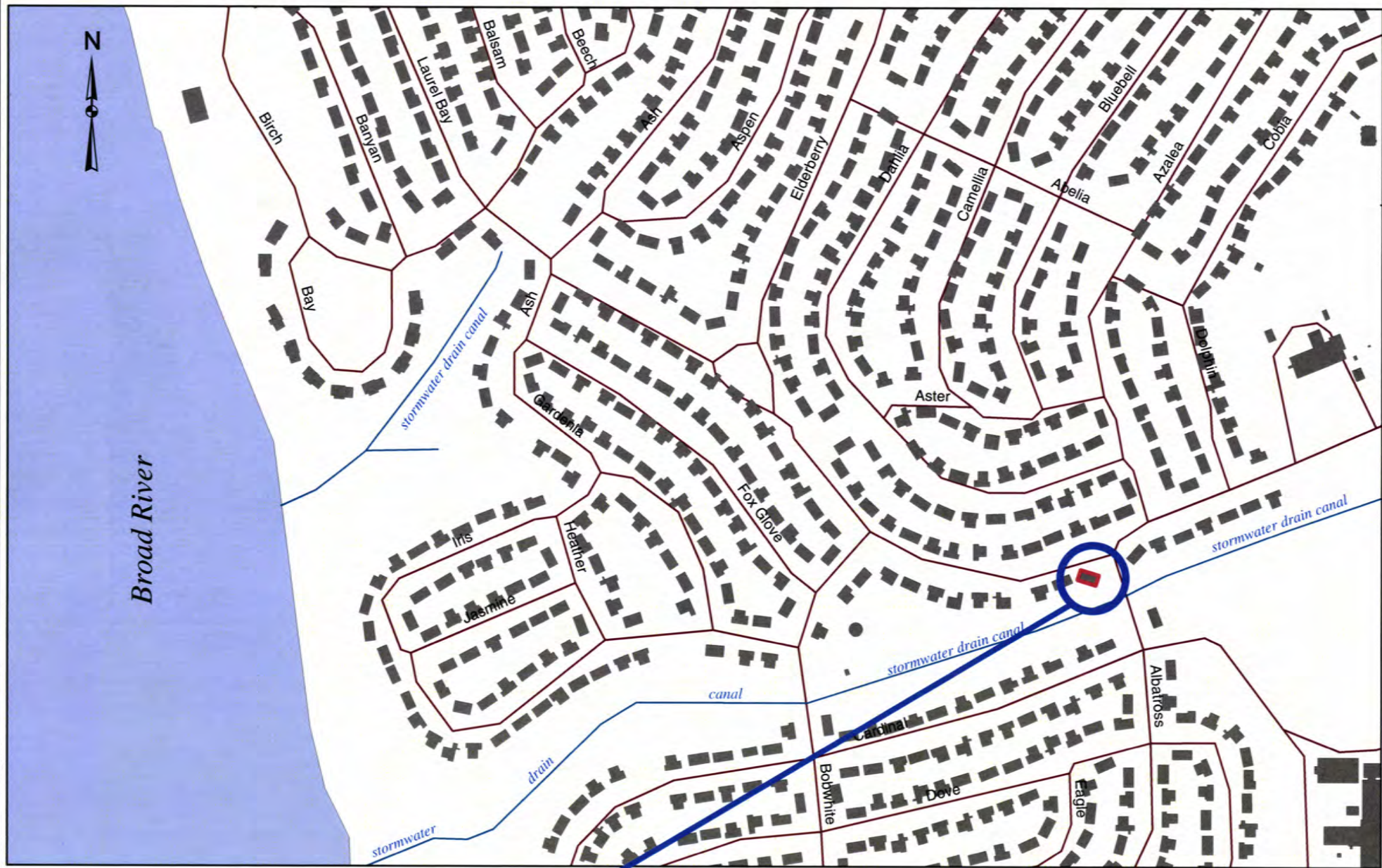
## XII. RECEPTORS

|                                                                                                                                                                                                                                                                                                                                                                | Yes | No |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| <p>A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system?</p> <p style="text-align: right;">*Stormwater drainage canal ~ 100'</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: right;">*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  |

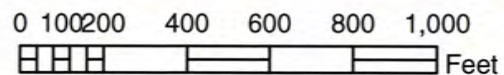
### **XIII. SITE MAP**

**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)



**532 LAUREL BAY BLVD.**



**SBG-EEG, Inc.**

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

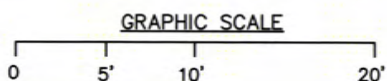
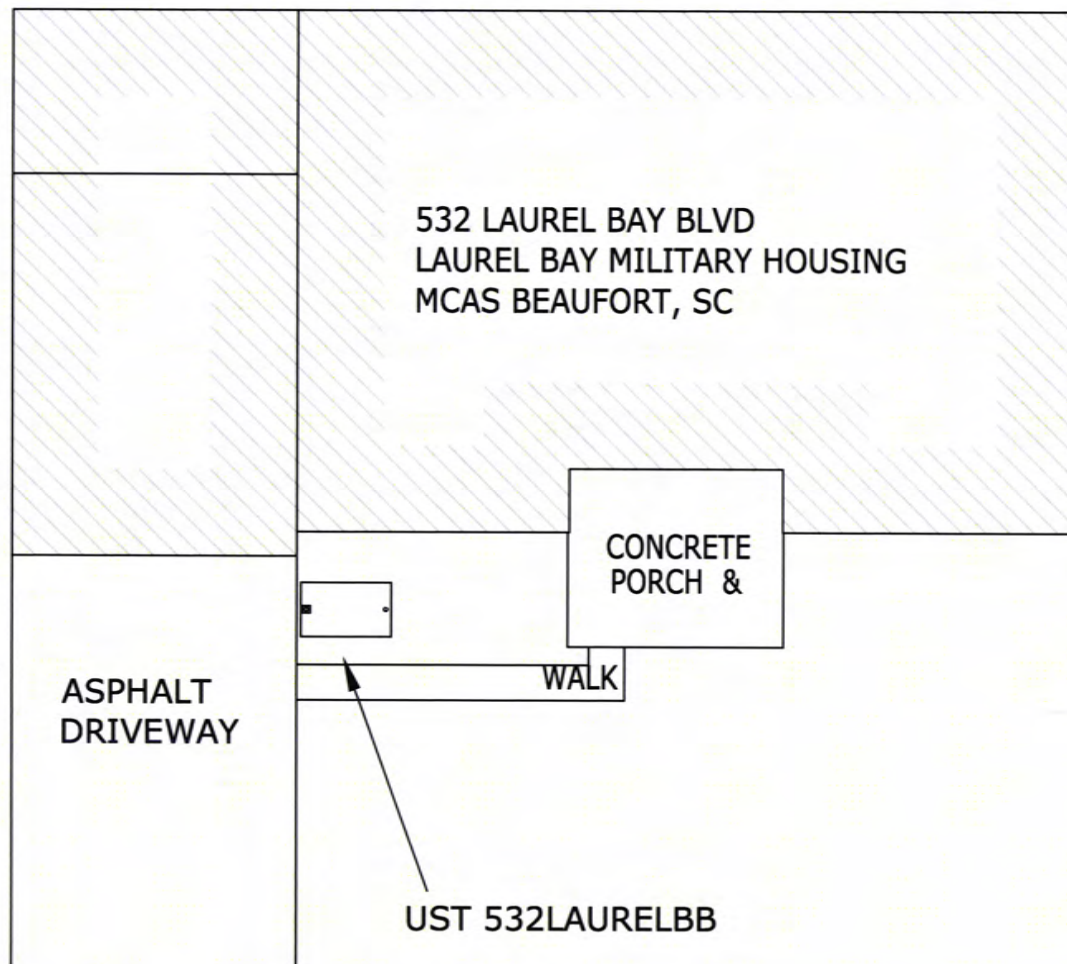
Ph. (843) 879-0400

Drawn By: L. DiAsio

Dwg Date: JAN 2010

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

STORMWATER DRAINAGE  
CANAL  $\approx$  100'



**SBG-EEG**

10179 HWY 78  
LADSON, SC 29456

ph. (843) 879-0400

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

SCALE: GRAPHIC

DWG DATE JAN 2010



532 LAUREL BAY BLVD

GARAGE

ASPHALT  
DRIVEWAY

FILL END

EXCAVATION

PORCH

SOIL SAMPLE  
532 LAUREL BAY BLVD

SIDEWALK

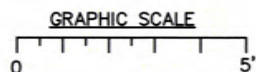
GRASS

UST 532LAURELBB,  
280 GAL.

STORMWATER DRAINAGE  
CANAL  $\approx$  100'



UST 532LAURELBB WAS  
37" BELOW GRADE.



**SBG-EEG**

10179 HWY 78  
LADSON, SC 29456

ph. (843) 879-0400

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

SCALE: GRAPHIC

DWG DATE JAN 2010



Picture 1: Location of UST 532LaurelBB.



Picture 2: UST 532LaurelBB removal in progress.

#### XIV. SUMMARY OF ANALYSIS RESULTS

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

|                                 |            |                    |  |  |  |  |  |  |
|---------------------------------|------------|--------------------|--|--|--|--|--|--|
| <b>CoC</b>                      | <b>UST</b> | <b>532LaurelBB</b> |  |  |  |  |  |  |
| <b>Benzene</b>                  |            | 0.00350 mg/kg      |  |  |  |  |  |  |
| <b>Toluene</b>                  |            | ND                 |  |  |  |  |  |  |
| <b>Ethylbenzene</b>             |            | 0.148 mg/kg        |  |  |  |  |  |  |
| <b>Xylenes</b>                  |            | 0.0904 mg/kg       |  |  |  |  |  |  |
| <b>Naphthalene</b>              |            | 3.17 mg/kg         |  |  |  |  |  |  |
| <b>Benzo (a) anthracene</b>     |            | 0.517 mg/kg        |  |  |  |  |  |  |
| <b>Benzo (b) fluoranthene</b>   |            | 0.247 mg/kg        |  |  |  |  |  |  |
| <b>Benzo (k) fluoranthene</b>   |            | 0.172 mg/kg        |  |  |  |  |  |  |
| <b>Chrysene</b>                 |            | 0.362 mg/kg        |  |  |  |  |  |  |
| <b>Dibenz (a, h) anthracene</b> |            | ND                 |  |  |  |  |  |  |
| <b>TPH (EPA 3550)</b>           |            |                    |  |  |  |  |  |  |

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

### 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)

December 10, 2009 3:23:18PM

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Nbr: [none]  
P/O Nbr: 0829  
Date Received: 11/27/09

## SAMPLE IDENTIFICATION

## LAB NUMBER

## COLLECTION DATE AND TIME

|                     |            |                |
|---------------------|------------|----------------|
| 532 Laurel Bay Blvd | NSK2535-01 | 11/23/09 10:00 |
| 534 Laurel Bay Blvd | NSK2535-02 | 11/23/09 14:20 |
| 538 Laurel Bay Blvd | NSK2535-03 | 11/24/09 09:45 |
| 542 Laurel Bay Blvd | NSK2535-04 | 11/24/09 14:05 |
| 546 Laurel Bay Blvd | NSK2535-05 | 11/24/09 16:15 |
| 558 Dahlia          | NSK2535-06 | 11/25/09 10:30 |
| 561 Dahlia          | NSK2535-07 | 11/25/09 14:05 |

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

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

South Carolina Certification Number: 84009001

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

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

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

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Ken A. Hayes

Senior Project Manager

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## ANALYTICAL REPORT

| Analyte                                                                           | Result  | Flag | Units     | MRL     | Dilution Factor | Analysis Date/Time | Method      | Analyst | Batch   |
|-----------------------------------------------------------------------------------|---------|------|-----------|---------|-----------------|--------------------|-------------|---------|---------|
| <b>Sample ID: NSK2535-01 (532 Laurel Bay Blvd - Soil) Sampled: 11/23/09 10:00</b> |         |      |           |         |                 |                    |             |         |         |
| General Chemistry Parameters                                                      |         |      |           |         |                 |                    |             |         |         |
| % Dry Solids                                                                      | 83.9    |      | %         | 0.500   | 1               | 12/09/09 09:19     | SW-846      | DEA     | 9121414 |
| Selected Volatile Organic Compounds by EPA Method 8260B                           |         |      |           |         |                 |                    |             |         |         |
| Benzene                                                                           | 0.00350 | B    | mg/kg dry | 0.00218 | 1               | 12/03/09 19:18     | SW846 8260B | SMS     | 9120740 |
| Ethylbenzene                                                                      | 0.148   | MHA  | mg/kg dry | 0.00218 | 1               | 12/03/09 19:18     | SW846 8260B | SMS     | 9120740 |
| Naphthalene                                                                       | 3.17    |      | mg/kg dry | 0.291   | 50              | 12/04/09 17:59     | SW846 8260B | SMS     | 9120850 |
| Toluene                                                                           | ND      |      | mg/kg dry | 0.00218 | 1               | 12/03/09 19:18     | SW846 8260B | SMS     | 9120740 |
| Xylenes, total                                                                    | 0.0904  | MHA  | mg/kg dry | 0.00545 | 1               | 12/03/09 19:18     | SW846 8260B | SMS     | 9120740 |
| Surr: 1,2-Dichloroethane-d4 (67-138%)                                             | 112 %   |      |           |         |                 | 12/03/09 19:18     | SW846 8260B | SMS     | 9120740 |
| Surr: 1,2-Dichloroethane-d4 (67-138%)                                             | 107 %   |      |           |         |                 | 12/04/09 17:59     | SW846 8260B | SMS     | 9120850 |
| Surr: Dibromofluoromethane (75-125%)                                              | 109 %   |      |           |         |                 | 12/03/09 19:18     | SW846 8260B | SMS     | 9120740 |
| Surr: Dibromofluoromethane (75-125%)                                              | 99 %    |      |           |         |                 | 12/04/09 17:59     | SW846 8260B | SMS     | 9120850 |
| Surr: Toluene-d8 (76-129%)                                                        | 150 %   | ZX   |           |         |                 | 12/03/09 19:18     | SW846 8260B | SMS     | 9120740 |
| Surr: Toluene-d8 (76-129%)                                                        | 101 %   |      |           |         |                 | 12/04/09 17:59     | SW846 8260B | SMS     | 9120850 |
| Surr: 4-Bromofluorobenzene (67-147%)                                              | 501 %   | ZX   |           |         |                 | 12/03/09 19:18     | SW846 8260B | SMS     | 9120740 |
| Surr: 4-Bromofluorobenzene (67-147%)                                              | 110 %   |      |           |         |                 | 12/04/09 17:59     | SW846 8260B | SMS     | 9120850 |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## ANALYTICAL REPORT

| Analyte                                                                                   | Result | Flag | Units     | MDL    | MRL    | Dilution Factor | Analysis Date/Time | Method      | Analyst | Batch   |
|-------------------------------------------------------------------------------------------|--------|------|-----------|--------|--------|-----------------|--------------------|-------------|---------|---------|
| <b>Sample ID: NSK2535-01 (532 Laurel Bay Blvd - Soil) - cont. Sampled: 11/23/09 10:00</b> |        |      |           |        |        |                 |                    |             |         |         |
| Polyaromatic Hydrocarbons by EPA 8270D                                                    |        |      |           |        |        |                 |                    |             |         |         |
| Acenaphthene                                                                              | 0.258  |      | mg/kg dry | 0.0257 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Acenaphthylene                                                                            | ND     |      | mg/kg dry | 0.0257 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Anthracene                                                                                | 0.263  |      | mg/kg dry | 0.0175 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Benzo (a) anthracene                                                                      | 0.517  |      | mg/kg dry | 0.0152 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Benzo (a) pyrene                                                                          | 0.171  |      | mg/kg dry | 0.0175 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Benzo (b) fluoranthene                                                                    | 0.247  |      | mg/kg dry | 0.0198 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Benzo (g,h,i) perylene                                                                    | 0.0622 | J    | mg/kg dry | 0.0163 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Benzo (k) fluoranthene                                                                    | 0.172  |      | mg/kg dry | 0.0222 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Chrysene                                                                                  | 0.362  |      | mg/kg dry | 0.0175 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Dibenz (a,h) anthracene                                                                   | ND     |      | mg/kg dry | 0.0163 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Fluoranthene                                                                              | 1.56   |      | mg/kg dry | 0.0163 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Fluorene                                                                                  | 0.616  |      | mg/kg dry | 0.0152 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Indeno (1,2,3-cd) pyrene                                                                  | 0.0700 | J    | mg/kg dry | 0.0140 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Naphthalene                                                                               | ND     |      | mg/kg dry | 0.0233 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Phenanthrene                                                                              | 1.48   |      | mg/kg dry | 0.0152 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Pyrene                                                                                    | 1.37   |      | mg/kg dry | 0.0140 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| 1-Methylnaphthalene                                                                       | 1.55   |      | mg/kg dry | 0.0198 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| 2-Methylnaphthalene                                                                       | 0.445  |      | mg/kg dry | 0.0210 | 0.0782 | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Surr: Terphenyl-d14 (18-120%)                                                             | 71 %   |      |           |        |        | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Surr: 2-Fluorobiphenyl (14-120%)                                                          | 61 %   |      |           |        |        | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |
| Surr: Nitrobenzene-d5 (17-120%)                                                           | 66 %   |      |           |        |        | 1               | 12/04/09 19:17     | SW846 8270D | HP26    | 9120540 |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## ANALYTICAL REPORT

| Analyte                                                                           | Result | Flag | Units     | MRL     | Dilution Factor | Analysis Date/Time | Method      | Analyst | Batch   |
|-----------------------------------------------------------------------------------|--------|------|-----------|---------|-----------------|--------------------|-------------|---------|---------|
| <b>Sample ID: NSK2535-02 (534 Laurel Bay Blvd - Soil) Sampled: 11/23/09 14:20</b> |        |      |           |         |                 |                    |             |         |         |
| General Chemistry Parameters                                                      |        |      |           |         |                 |                    |             |         |         |
| % Dry Solids                                                                      | 87.6   |      | %         | 0.500   | 1               | 12/09/09 09:19     | SW-846      | DEA     | 9121414 |
| Selected Volatile Organic Compounds by EPA Method 8260B                           |        |      |           |         |                 |                    |             |         |         |
| Benzene                                                                           | ND     |      | mg/kg dry | 0.00189 | 1               | 12/04/09 15:58     | SW846 8260B | SMS     | 9120850 |
| Ethylbenzene                                                                      | ND     |      | mg/kg dry | 0.00189 | 1               | 12/04/09 15:58     | SW846 8260B | SMS     | 9120850 |
| Naphthalene                                                                       | ND     |      | mg/kg dry | 0.00472 | 1               | 12/04/09 15:58     | SW846 8260B | SMS     | 9120850 |
| Toluene                                                                           | ND     |      | mg/kg dry | 0.00189 | 1               | 12/04/09 15:58     | SW846 8260B | SMS     | 9120850 |
| Xylenes, total                                                                    | ND     |      | mg/kg dry | 0.00472 | 1               | 12/04/09 15:58     | SW846 8260B | SMS     | 9120850 |
| Surr: 1,2-Dichloroethane-d4 (67-138%)                                             | 100 %  |      |           |         |                 | 12/04/09 15:58     | SW846 8260B | SMS     | 9120850 |
| Surr: Dibromofluoromethane (75-125%)                                              | 96 %   |      |           |         |                 | 12/04/09 15:58     | SW846 8260B | SMS     | 9120850 |
| Surr: Toluene-d8 (76-129%)                                                        | 102 %  |      |           |         |                 | 12/04/09 15:58     | SW846 8260B | SMS     | 9120850 |
| Surr: 4-Bromofluorobenzene (67-147%)                                              | 109 %  |      |           |         |                 | 12/04/09 15:58     | SW846 8260B | SMS     | 9120850 |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## ANALYTICAL REPORT

| Analyte                                                                                   | Result | Flag | Units     | MDL    | MRL    | Dilution Factor | Analysis Date/Time | Method      | Analyst | Batch   |
|-------------------------------------------------------------------------------------------|--------|------|-----------|--------|--------|-----------------|--------------------|-------------|---------|---------|
| <b>Sample ID: NSK2535-02 (534 Laurel Bay Blvd - Soil) - cont. Sampled: 11/23/09 14:20</b> |        |      |           |        |        |                 |                    |             |         |         |
| Polyaromatic Hydrocarbons by EPA 8270D                                                    |        |      |           |        |        |                 |                    |             |         |         |
| Acenaphthene                                                                              | ND     |      | mg/kg dry | 0.0250 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Acenaphthylene                                                                            | ND     |      | mg/kg dry | 0.0250 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Anthracene                                                                                | ND     |      | mg/kg dry | 0.0170 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Benzo (a) anthracene                                                                      | ND     |      | mg/kg dry | 0.0148 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Benzo (a) pyrene                                                                          | ND     |      | mg/kg dry | 0.0170 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Benzo (b) fluoranthene                                                                    | ND     |      | mg/kg dry | 0.0193 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Benzo (g,h,i) perylene                                                                    | ND     |      | mg/kg dry | 0.0159 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Benzo (k) fluoranthene                                                                    | ND     |      | mg/kg dry | 0.0216 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Chrysene                                                                                  | ND     |      | mg/kg dry | 0.0170 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Dibenz (a,h) anthracene                                                                   | ND     |      | mg/kg dry | 0.0159 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Fluoranthene                                                                              | ND     |      | mg/kg dry | 0.0159 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Fluorene                                                                                  | ND     |      | mg/kg dry | 0.0148 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Indeno (1,2,3-cd) pyrene                                                                  | ND     |      | mg/kg dry | 0.0136 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Naphthalene                                                                               | ND     |      | mg/kg dry | 0.0227 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Phenanthrene                                                                              | ND     |      | mg/kg dry | 0.0148 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Pyrene                                                                                    | ND     |      | mg/kg dry | 0.0136 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| 1-Methylnaphthalene                                                                       | ND     |      | mg/kg dry | 0.0193 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| 2-Methylnaphthalene                                                                       | ND     |      | mg/kg dry | 0.0204 | 0.0761 | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Surr: Terphenyl-d14 (18-120%)                                                             | 75 %   |      |           |        |        | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Surr: 2-Fluorobiphenyl (14-120%)                                                          | 64 %   |      |           |        |        | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |
| Surr: Nitrobenzene-d5 (17-120%)                                                           | 63 %   |      |           |        |        | 1               | 12/04/09 19:41     | SW846 8270D | HP26    | 9120540 |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## ANALYTICAL REPORT

| Analyte                                                                           | Result | Flag | Units     | MRL     | Dilution Factor | Analysis Date/Time | Method      | Analyst | Batch   |
|-----------------------------------------------------------------------------------|--------|------|-----------|---------|-----------------|--------------------|-------------|---------|---------|
| <b>Sample ID: NSK2535-03 (538 Laurel Bay Blvd - Soil) Sampled: 11/24/09 09:45</b> |        |      |           |         |                 |                    |             |         |         |
| General Chemistry Parameters                                                      |        |      |           |         |                 |                    |             |         |         |
| % Dry Solids                                                                      | 94.8   |      | %         | 0.500   | 1               | 12/09/09 09:19     | SW-846      | DEA     | 9121414 |
| Selected Volatile Organic Compounds by EPA Method 8260B                           |        |      |           |         |                 |                    |             |         |         |
| Benzene                                                                           | ND     |      | mg/kg dry | 0.00240 | 1               | 12/03/09 20:18     | SW846 8260B | SMS     | 9120740 |
| Ethylbenzene                                                                      | ND     |      | mg/kg dry | 0.00240 | 1               | 12/03/09 20:18     | SW846 8260B | SMS     | 9120740 |
| Naphthalene                                                                       | ND     |      | mg/kg dry | 0.00599 | 1               | 12/03/09 20:18     | SW846 8260B | SMS     | 9120740 |
| Toluene                                                                           | ND     |      | mg/kg dry | 0.00240 | 1               | 12/03/09 20:18     | SW846 8260B | SMS     | 9120740 |
| Xylenes, total                                                                    | ND     |      | mg/kg dry | 0.00599 | 1               | 12/03/09 20:18     | SW846 8260B | SMS     | 9120740 |
| Surr: 1,2-Dichloroethane-d4 (67-138%)                                             | 108 %  |      |           |         |                 | 12/03/09 20:18     | SW846 8260B | SMS     | 9120740 |
| Surr: Dibromofluoromethane (75-125%)                                              | 98 %   |      |           |         |                 | 12/03/09 20:18     | SW846 8260B | SMS     | 9120740 |
| Surr: Toluene-d8 (76-129%)                                                        | 104 %  |      |           |         |                 | 12/03/09 20:18     | SW846 8260B | SMS     | 9120740 |
| Surr: 4-Bromofluorobenzene (67-147%)                                              | 127 %  |      |           |         |                 | 12/03/09 20:18     | SW846 8260B | SMS     | 9120740 |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## ANALYTICAL REPORT

| Analyte                                                                                   | Result | Flag | Units     | MDL    | MRL    | Dilution<br>Factor | Analysis<br>Date/Time | Method      | Analyst | Batch   |
|-------------------------------------------------------------------------------------------|--------|------|-----------|--------|--------|--------------------|-----------------------|-------------|---------|---------|
| <b>Sample ID: NSK2535-03 (538 Laurel Bay Blvd - Soil) - cont. Sampled: 11/24/09 09:45</b> |        |      |           |        |        |                    |                       |             |         |         |
| Polyaromatic Hydrocarbons by EPA 8270D                                                    |        |      |           |        |        |                    |                       |             |         |         |
| Acenaphthene                                                                              | ND     |      | mg/kg dry | 0.0231 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Acenaphthylene                                                                            | ND     |      | mg/kg dry | 0.0231 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Anthracene                                                                                | ND     |      | mg/kg dry | 0.0157 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Benzo (a) anthracene                                                                      | ND     |      | mg/kg dry | 0.0136 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Benzo (a) pyrene                                                                          | ND     |      | mg/kg dry | 0.0157 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Benzo (b) fluoranthene                                                                    | ND     |      | mg/kg dry | 0.0178 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Benzo (g,h,i) perylene                                                                    | 0.0385 | J    | mg/kg dry | 0.0147 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Benzo (k) fluoranthene                                                                    | ND     |      | mg/kg dry | 0.0199 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Chrysene                                                                                  | ND     |      | mg/kg dry | 0.0157 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Dibenz (a,h) anthracene                                                                   | ND     |      | mg/kg dry | 0.0147 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Fluoranthene                                                                              | ND     |      | mg/kg dry | 0.0147 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Fluorene                                                                                  | ND     |      | mg/kg dry | 0.0136 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Indeno (1,2,3-cd) pyrene                                                                  | ND     |      | mg/kg dry | 0.0126 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Naphthalene                                                                               | ND     |      | mg/kg dry | 0.0210 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Phenanthrene                                                                              | ND     |      | mg/kg dry | 0.0136 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Pyrene                                                                                    | ND     |      | mg/kg dry | 0.0126 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| 1-Methylnaphthalene                                                                       | ND     |      | mg/kg dry | 0.0178 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| 2-Methylnaphthalene                                                                       | ND     |      | mg/kg dry | 0.0189 | 0.0703 | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Surr: Terphenyl-d14 (18-120%)                                                             | 78 %   |      |           |        |        | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Surr: 2-Fluorobiphenyl (14-120%)                                                          | 67 %   |      |           |        |        | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |
| Surr: Nitrobenzene-d5 (17-120%)                                                           | 65 %   |      |           |        |        | 1                  | 12/04/09 20:04        | SW846 8270D | HP26    | 9120540 |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## ANALYTICAL REPORT

| Analyte                                                                           | Result | Flag | Units     | MRL     | Dilution Factor | Analysis Date/Time | Method      | Analyst | Batch   |
|-----------------------------------------------------------------------------------|--------|------|-----------|---------|-----------------|--------------------|-------------|---------|---------|
| <b>Sample ID: NSK2535-04 (542 Laurel Bay Blvd - Soil) Sampled: 11/24/09 14:05</b> |        |      |           |         |                 |                    |             |         |         |
| General Chemistry Parameters                                                      |        |      |           |         |                 |                    |             |         |         |
| % Dry Solids                                                                      | 87.9   |      | %         | 0.500   | 1               | 12/09/09 09:19     | SW-846      | DEA     | 9121414 |
| Selected Volatile Organic Compounds by EPA Method 8260B                           |        |      |           |         |                 |                    |             |         |         |
| Benzene                                                                           | ND     |      | mg/kg dry | 0.00246 | 1               | 12/04/09 16:28     | SW846 8260B | SMS     | 9120850 |
| Ethylbenzene                                                                      | ND     | RLI  | mg/kg dry | 0.114   | 50              | 12/04/09 21:50     | SW846 8260B | CMM     | 9120867 |
| Naphthalene                                                                       | ND     | RLI  | mg/kg dry | 0.286   | 50              | 12/04/09 21:50     | SW846 8260B | CMM     | 9120867 |
| Toluene                                                                           | ND     | RLI  | mg/kg dry | 0.114   | 50              | 12/04/09 21:50     | SW846 8260B | CMM     | 9120867 |
| Xylenes, total                                                                    | ND     | RLI  | mg/kg dry | 0.286   | 50              | 12/04/09 21:50     | SW846 8260B | CMM     | 9120867 |
| Surr: 1,2-Dichloroethane-d4 (67-138%)                                             | 123 %  |      |           |         |                 | 12/04/09 16:28     | SW846 8260B | SMS     | 9120850 |
| Surr: 1,2-Dichloroethane-d4 (67-138%)                                             | 89 %   |      |           |         |                 | 12/04/09 21:50     | SW846 8260B | CMM     | 9120867 |
| Surr: Dibromofluoromethane (75-125%)                                              | 111 %  |      |           |         |                 | 12/04/09 16:28     | SW846 8260B | SMS     | 9120850 |
| Surr: Dibromofluoromethane (75-125%)                                              | 97 %   |      |           |         |                 | 12/04/09 21:50     | SW846 8260B | CMM     | 9120867 |
| Surr: Toluene-d8 (76-129%)                                                        | 114 %  |      |           |         |                 | 12/04/09 16:28     | SW846 8260B | SMS     | 9120850 |
| Surr: Toluene-d8 (76-129%)                                                        | 99 %   |      |           |         |                 | 12/04/09 21:50     | SW846 8260B | CMM     | 9120867 |
| Surr: 4-Bromofluorobenzene (67-147%)                                              | 161 %  | ZV   |           |         |                 | 12/04/09 16:28     | SW846 8260B | SMS     | 9120850 |
| Surr: 4-Bromofluorobenzene (67-147%)                                              | 95 %   |      |           |         |                 | 12/04/09 21:50     | SW846 8260B | CMM     | 9120867 |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## ANALYTICAL REPORT

| Analyte                                                                                   | Result | Flag | Units     | MDL    | MRL    | Dilution<br>Factor | Analysis<br>Date/Time | Method      | Analyst | Batch   |
|-------------------------------------------------------------------------------------------|--------|------|-----------|--------|--------|--------------------|-----------------------|-------------|---------|---------|
| <b>Sample ID: NSK2535-04 (542 Laurel Bay Blvd - Soil) - cont. Sampled: 11/24/09 14:05</b> |        |      |           |        |        |                    |                       |             |         |         |
| Polyaromatic Hydrocarbons by EPA 8270D                                                    |        |      |           |        |        |                    |                       |             |         |         |
| Acenaphthene                                                                              | ND     |      | mg/kg dry | 0.0248 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Acenaphthylene                                                                            | ND     |      | mg/kg dry | 0.0248 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Anthracene                                                                                | ND     |      | mg/kg dry | 0.0169 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Benzo (a) anthracene                                                                      | ND     |      | mg/kg dry | 0.0146 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Benzo (a) pyrene                                                                          | 0.300  |      | mg/kg dry | 0.0169 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Benzo (b) fluoranthene                                                                    | ND     |      | mg/kg dry | 0.0192 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Benzo (g,h,i) perylene                                                                    | 0.184  |      | mg/kg dry | 0.0158 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Benzo (k) fluoranthene                                                                    | ND     |      | mg/kg dry | 0.0214 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Chrysene                                                                                  | 0.0541 | J    | mg/kg dry | 0.0169 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Dibenz (a,h) anthracene                                                                   | ND     |      | mg/kg dry | 0.0158 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Fluoranthene                                                                              | ND     |      | mg/kg dry | 0.0158 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Fluorene                                                                                  | ND     |      | mg/kg dry | 0.0146 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Indeno (1,2,3-cd) pyrene                                                                  | 0.153  |      | mg/kg dry | 0.0135 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Naphthalene                                                                               | ND     |      | mg/kg dry | 0.0225 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Phenanthrene                                                                              | ND     |      | mg/kg dry | 0.0146 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Pyrene                                                                                    | ND     |      | mg/kg dry | 0.0135 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| 1-Methylnaphthalene                                                                       | ND     |      | mg/kg dry | 0.0192 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| 2-Methylnaphthalene                                                                       | ND     |      | mg/kg dry | 0.0203 | 0.0755 | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Surr: Terphenyl-d14 (18-120%)                                                             | 68 %   |      |           |        |        | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Surr: 2-Fluorobiphenyl (14-120%)                                                          | 52 %   |      |           |        |        | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |
| Surr: Nitrobenzene-d5 (17-120%)                                                           | 56 %   |      |           |        |        | 1                  | 12/04/09 20:28        | SW846 8270D | HP26    | 9120540 |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## ANALYTICAL REPORT

| Analyte                                                                           | Result | Flag | Units     | MRL     | Dilution<br>Factor | Analysis<br>Date/Time | Method      | Analyst | Batch   |
|-----------------------------------------------------------------------------------|--------|------|-----------|---------|--------------------|-----------------------|-------------|---------|---------|
| <b>Sample ID: NSK2535-05 (546 Laurel Bay Blvd - Soil) Sampled: 11/24/09 16:15</b> |        |      |           |         |                    |                       |             |         |         |
| General Chemistry Parameters                                                      |        |      |           |         |                    |                       |             |         |         |
| % Dry Solids                                                                      | 95.3   |      | %         | 0.500   | 1                  | 12/09/09 09:19        | SW-846      | DEA     | 9121414 |
| Selected Volatile Organic Compounds by EPA Method 8260B                           |        |      |           |         |                    |                       |             |         |         |
| Benzene                                                                           | ND     |      | mg/kg dry | 0.00220 | 1                  | 12/03/09 21:18        | SW846 8260B | SMS     | 9120740 |
| Ethylbenzene                                                                      | ND     |      | mg/kg dry | 0.00220 | 1                  | 12/03/09 21:18        | SW846 8260B | SMS     | 9120740 |
| Naphthalene                                                                       | ND     |      | mg/kg dry | 0.00551 | 1                  | 12/03/09 21:18        | SW846 8260B | SMS     | 9120740 |
| Toluene                                                                           | ND     |      | mg/kg dry | 0.00220 | 1                  | 12/03/09 21:18        | SW846 8260B | SMS     | 9120740 |
| Xylenes, total                                                                    | ND     |      | mg/kg dry | 0.00551 | 1                  | 12/03/09 21:18        | SW846 8260B | SMS     | 9120740 |
| Surr: 1,2-Dichloroethane-d4 (67-138%)                                             | 110 %  |      |           |         |                    | 12/03/09 21:18        | SW846 8260B | SMS     | 9120740 |
| Surr: Dibromofluoromethane (75-125%)                                              | 100 %  |      |           |         |                    | 12/03/09 21:18        | SW846 8260B | SMS     | 9120740 |
| Surr: Toluene-d8 (76-129%)                                                        | 102 %  |      |           |         |                    | 12/03/09 21:18        | SW846 8260B | SMS     | 9120740 |
| Surr: 4-Bromofluorobenzene (67-147%)                                              | 114 %  |      |           |         |                    | 12/03/09 21:18        | SW846 8260B | SMS     | 9120740 |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## ANALYTICAL REPORT

| Analyte                                                                                   | Result | Flag | Units     | MDL    | MRL    | Dilution<br>Factor | Analysis<br>Date/Time | Method      | Analyst | Batch   |
|-------------------------------------------------------------------------------------------|--------|------|-----------|--------|--------|--------------------|-----------------------|-------------|---------|---------|
| <b>Sample ID: NSK2535-05 (546 Laurel Bay Blvd - Soil) - cont. Sampled: 11/24/09 16:15</b> |        |      |           |        |        |                    |                       |             |         |         |
| Polycyclic Aromatic Hydrocarbons by EPA 8270D                                             |        |      |           |        |        |                    |                       |             |         |         |
| Acenaphthene                                                                              | ND     |      | mg/kg dry | 0.0226 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Acenaphthylene                                                                            | ND     |      | mg/kg dry | 0.0226 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Anthracene                                                                                | ND     |      | mg/kg dry | 0.0154 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Benzo (a) anthracene                                                                      | ND     |      | mg/kg dry | 0.0133 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Benzo (a) pyrene                                                                          | ND     |      | mg/kg dry | 0.0154 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Benzo (b) fluoranthene                                                                    | ND     |      | mg/kg dry | 0.0174 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Benzo (g,h,i) perylene                                                                    | ND     |      | mg/kg dry | 0.0144 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Benzo (k) fluoranthene                                                                    | ND     |      | mg/kg dry | 0.0195 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Chrysene                                                                                  | ND     |      | mg/kg dry | 0.0154 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Dibenz (a,h) anthracene                                                                   | ND     |      | mg/kg dry | 0.0144 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Fluoranthene                                                                              | ND     |      | mg/kg dry | 0.0144 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Fluorene                                                                                  | ND     |      | mg/kg dry | 0.0133 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Indeno (1,2,3-cd) pyrene                                                                  | ND     |      | mg/kg dry | 0.0123 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Naphthalene                                                                               | ND     |      | mg/kg dry | 0.0205 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Phenanthrene                                                                              | ND     |      | mg/kg dry | 0.0133 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Pyrene                                                                                    | ND     |      | mg/kg dry | 0.0123 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| 1-Methylnaphthalene                                                                       | ND     |      | mg/kg dry | 0.0174 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| 2-Methylnaphthalene                                                                       | ND     |      | mg/kg dry | 0.0185 | 0.0688 | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Surr: Terphenyl-d14 (18-120%)                                                             | 69 %   |      |           |        |        | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Surr: 2-Fluorobiphenyl (14-120%)                                                          | 61 %   |      |           |        |        | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |
| Surr: Nitrobenzene-d5 (17-120%)                                                           | 64 %   |      |           |        |        | 1                  | 12/04/09 20:51        | SW846 8270D | HP26    | 9120540 |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## ANALYTICAL REPORT

| Analyte                                                                  | Result | Flag | Units     | MRL     | Dilution<br>Factor | Analysis<br>Date/Time | Method      | Analyst | Batch   |
|--------------------------------------------------------------------------|--------|------|-----------|---------|--------------------|-----------------------|-------------|---------|---------|
| <b>Sample ID: NSK2535-06 (558 Dahlia - Soil) Sampled: 11/25/09 10:30</b> |        |      |           |         |                    |                       |             |         |         |
| General Chemistry Parameters                                             |        |      |           |         |                    |                       |             |         |         |
| % Dry Solids                                                             | 92.4   |      | %         | 0.500   | 1                  | 12/09/09 09:19        | SW-846      | DEA     | 9121414 |
| Selected Volatile Organic Compounds by EPA Method 8260B                  |        |      |           |         |                    |                       |             |         |         |
| Benzene                                                                  | ND     |      | mg/kg dry | 0.00246 | 1                  | 12/03/09 21:48        | SW846 8260B | SMS     | 9120740 |
| Ethylbenzene                                                             | ND     |      | mg/kg dry | 0.00246 | 1                  | 12/03/09 21:48        | SW846 8260B | SMS     | 9120740 |
| Naphthalene                                                              | ND     |      | mg/kg dry | 0.00615 | 1                  | 12/03/09 21:48        | SW846 8260B | SMS     | 9120740 |
| Toluene                                                                  | ND     |      | mg/kg dry | 0.00246 | 1                  | 12/03/09 21:48        | SW846 8260B | SMS     | 9120740 |
| Xylenes, total                                                           | ND     |      | mg/kg dry | 0.00615 | 1                  | 12/03/09 21:48        | SW846 8260B | SMS     | 9120740 |
| Surr: 1,2-Dichloroethane-d4 (67-138%)                                    | 111 %  |      |           |         |                    | 12/03/09 21:48        | SW846 8260B | SMS     | 9120740 |
| Surr: Dibromofluoromethane (75-125%)                                     | 102 %  |      |           |         |                    | 12/03/09 21:48        | SW846 8260B | SMS     | 9120740 |
| Surr: Toluene-d8 (76-129%)                                               | 100 %  |      |           |         |                    | 12/03/09 21:48        | SW846 8260B | SMS     | 9120740 |
| Surr: 4-Bromofluorobenzene (67-147%)                                     | 112 %  |      |           |         |                    | 12/03/09 21:48        | SW846 8260B | SMS     | 9120740 |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## ANALYTICAL REPORT

| Analyte                                                                          | Result | Flag | Units     | MDL    | MRL    | Dilution<br>Factor | Analysis<br>Date/Time | Method      | Analyst | Batch   |
|----------------------------------------------------------------------------------|--------|------|-----------|--------|--------|--------------------|-----------------------|-------------|---------|---------|
| <b>Sample ID: NSK2535-06 (558 Dahlia - Soil) - cont. Sampled: 11/25/09 10:30</b> |        |      |           |        |        |                    |                       |             |         |         |
| Polyaromatic Hydrocarbons by EPA 8270D                                           |        |      |           |        |        |                    |                       |             |         |         |
| Acenaphthene                                                                     | ND     |      | mg/kg dry | 0.0238 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Acenaphthylene                                                                   | ND     |      | mg/kg dry | 0.0238 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Anthracene                                                                       | ND     |      | mg/kg dry | 0.0162 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Benzo (a) anthracene                                                             | ND     |      | mg/kg dry | 0.0141 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Benzo (a) pyrene                                                                 | ND     |      | mg/kg dry | 0.0162 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Benzo (b) fluoranthene                                                           | ND     |      | mg/kg dry | 0.0184 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Benzo (g,h,i) perylene                                                           | ND     |      | mg/kg dry | 0.0151 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Benzo (k) fluoranthene                                                           | ND     |      | mg/kg dry | 0.0205 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Chrysene                                                                         | ND     |      | mg/kg dry | 0.0162 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Dibenz (a,h) anthracene                                                          | ND     |      | mg/kg dry | 0.0151 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Fluoranthene                                                                     | ND     |      | mg/kg dry | 0.0151 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Fluorene                                                                         | ND     |      | mg/kg dry | 0.0141 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Indeno (1,2,3-cd) pyrene                                                         | ND     |      | mg/kg dry | 0.0130 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Naphthalene                                                                      | ND     |      | mg/kg dry | 0.0216 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Phenanthrene                                                                     | ND     |      | mg/kg dry | 0.0141 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Pyrene                                                                           | ND     |      | mg/kg dry | 0.0130 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| 1-Methylnaphthalene                                                              | ND     |      | mg/kg dry | 0.0184 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| 2-Methylnaphthalene                                                              | ND     |      | mg/kg dry | 0.0195 | 0.0724 | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Surr: Terphenyl-d14 (18-120%)                                                    | 70 %   |      |           |        |        | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Surr: 2-Fluorobiphenyl (14-120%)                                                 | 54 %   |      |           |        |        | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |
| Surr: Nitrobenzene-d5 (17-120%)                                                  | 57 %   |      |           |        |        | 1                  | 12/04/09 21:14        | SW846 8270D | HP26    | 9120540 |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## ANALYTICAL REPORT

| Analyte                                                                  | Result | Flag | Units     | MRL     | Dilution Factor | Analysis Date/Time | Method      | Analyst | Batch   |
|--------------------------------------------------------------------------|--------|------|-----------|---------|-----------------|--------------------|-------------|---------|---------|
| <b>Sample ID: NSK2535-07 (561 Dahlia - Soil) Sampled: 11/25/09 14:05</b> |        |      |           |         |                 |                    |             |         |         |
| General Chemistry Parameters                                             |        |      |           |         |                 |                    |             |         |         |
| % Dry Solids                                                             | 97.0   |      | %         | 0.500   | 1               | 12/09/09 09:19     | SW-846      | DEA     | 9121414 |
| Selected Volatile Organic Compounds by EPA Method 8260B                  |        |      |           |         |                 |                    |             |         |         |
| Benzene                                                                  | ND     |      | mg/kg dry | 0.00234 | 1               | 12/04/09 03:18     | SW846 8260B | SMS     | 9120559 |
| Ethylbenzene                                                             | ND     |      | mg/kg dry | 0.00234 | 1               | 12/04/09 03:18     | SW846 8260B | SMS     | 9120559 |
| Naphthalene                                                              | ND     |      | mg/kg dry | 0.00584 | 1               | 12/04/09 03:18     | SW846 8260B | SMS     | 9120559 |
| Toluene                                                                  | ND     |      | mg/kg dry | 0.00234 | 1               | 12/04/09 03:18     | SW846 8260B | SMS     | 9120559 |
| Xylenes, total                                                           | ND     |      | mg/kg dry | 0.00584 | 1               | 12/04/09 03:18     | SW846 8260B | SMS     | 9120559 |
| Surr: 1,2-Dichloroethane-d4 (67-138%)                                    | 112 %  |      |           |         |                 | 12/04/09 03:18     | SW846 8260B | SMS     | 9120559 |
| Surr: Dibromofluoromethane (75-125%)                                     | 104 %  |      |           |         |                 | 12/04/09 03:18     | SW846 8260B | SMS     | 9120559 |
| Surr: Toluene-d8 (76-129%)                                               | 99 %   |      |           |         |                 | 12/04/09 03:18     | SW846 8260B | SMS     | 9120559 |
| Surr: 4-Bromofluorobenzene (67-147%)                                     | 107 %  |      |           |         |                 | 12/04/09 03:18     | SW846 8260B | SMS     | 9120559 |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## ANALYTICAL REPORT

| Analyte                                                                          | Result | Flag | Units     | MDL    | MRL    | Dilution<br>Factor | Analysis<br>Date/Time | Method      | Analyst | Batch   |
|----------------------------------------------------------------------------------|--------|------|-----------|--------|--------|--------------------|-----------------------|-------------|---------|---------|
| <b>Sample ID: NSK2535-07 (561 Dahlia - Soil) - cont. Sampled: 11/25/09 14:05</b> |        |      |           |        |        |                    |                       |             |         |         |
| Polyaromatic Hydrocarbons by EPA 8270D                                           |        |      |           |        |        |                    |                       |             |         |         |
| Acenaphthene                                                                     | ND     |      | mg/kg dry | 0.0223 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Acenaphthylene                                                                   | ND     |      | mg/kg dry | 0.0223 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Anthracene                                                                       | ND     |      | mg/kg dry | 0.0152 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Benzo (a) anthracene                                                             | ND     |      | mg/kg dry | 0.0131 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Benzo (a) pyrene                                                                 | ND     |      | mg/kg dry | 0.0152 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Benzo (b) fluoranthene                                                           | ND     |      | mg/kg dry | 0.0172 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Benzo (g,h,i) perylene                                                           | ND     |      | mg/kg dry | 0.0142 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Benzo (k) fluoranthene                                                           | ND     |      | mg/kg dry | 0.0192 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Chrysene                                                                         | ND     |      | mg/kg dry | 0.0152 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Dibenz (a,h) anthracene                                                          | ND     |      | mg/kg dry | 0.0142 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Fluoranthene                                                                     | ND     |      | mg/kg dry | 0.0142 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Fluorene                                                                         | ND     |      | mg/kg dry | 0.0131 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Indeno (1,2,3-cd) pyrene                                                         | ND     |      | mg/kg dry | 0.0121 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Naphthalene                                                                      | ND     |      | mg/kg dry | 0.0202 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Phenanthrene                                                                     | ND     |      | mg/kg dry | 0.0131 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Pyrene                                                                           | ND     |      | mg/kg dry | 0.0121 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| 1-Methylnaphthalene                                                              | ND     |      | mg/kg dry | 0.0172 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| 2-Methylnaphthalene                                                              | ND     |      | mg/kg dry | 0.0182 | 0.0678 | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Surr: Terphenyl-d14 (18-120%)                                                    | 69 %   |      |           |        |        | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Surr: 2-Fluorobiphenyl (14-120%)                                                 | 55 %   |      |           |        |        | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |
| Surr: Nitrobenzene-d5 (17-120%)                                                  | 57 %   |      |           |        |        | 1                  | 12/04/09 21:37        | SW846 8270D | HP26    | 9120540 |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## 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                                             | 9120540 | NSK2535-01    | 30.64               | 1.00          | 12/04/09 08:20 | AJF     | EPA 3550C            |
| SW846 8270D                                             | 9120540 | NSK2535-02    | 30.15               | 1.00          | 12/04/09 08:20 | AJF     | EPA 3550C            |
| SW846 8270D                                             | 9120540 | NSK2535-03    | 30.14               | 1.00          | 12/04/09 08:20 | AJF     | EPA 3550C            |
| SW846 8270D                                             | 9120540 | NSK2535-04    | 30.29               | 1.00          | 12/04/09 08:20 | AJF     | EPA 3550C            |
| SW846 8270D                                             | 9120540 | NSK2535-05    | 30.67               | 1.00          | 12/04/09 08:20 | AJF     | EPA 3550C            |
| SW846 8270D                                             | 9120540 | NSK2535-06    | 30.04               | 1.00          | 12/04/09 08:20 | AJF     | EPA 3550C            |
| SW846 8270D                                             | 9120540 | NSK2535-07    | 30.58               | 1.00          | 12/04/09 08:20 | AJF     | EPA 3550C            |
| Selected Volatile Organic Compounds by EPA Method 8260B |         |               |                     |               |                |         |                      |
| SW846 8260B                                             | 9120740 | NSK2535-01    | 5.47                | 5.00          | 11/23/09 10:00 | CHH     | EPA 5035             |
| SW846 8260B                                             | 9120850 | NSK2535-01RE1 | 5.12                | 5.00          | 11/23/09 10:00 | CHH     | EPA 5035             |
| SW846 8260B                                             | 9120740 | NSK2535-02    | 5.52                | 5.00          | 11/23/09 14:20 | CHH     | EPA 5035             |
| SW846 8260B                                             | 9120850 | NSK2535-02RE1 | 6.05                | 5.00          | 11/23/09 14:20 | CHH     | EPA 5035             |
| SW846 8260B                                             | 9120740 | NSK2535-03    | 4.40                | 5.00          | 11/24/09 09:45 | CHH     | EPA 5035             |
| SW846 8260B                                             | 9120740 | NSK2535-04    | 4.91                | 5.00          | 11/24/09 14:05 | CHH     | EPA 5035             |
| SW846 8260B                                             | 9120850 | NSK2535-04RE1 | 4.62                | 5.00          | 11/24/09 14:05 | CHH     | EPA 5035             |
| SW846 8260B                                             | 9120867 | NSK2535-04RE2 | 4.98                | 5.00          | 11/24/09 14:05 | CHH     | EPA 5035             |
| SW846 8260B                                             | 9120740 | NSK2535-05    | 4.76                | 5.00          | 11/24/09 16:15 | CHH     | EPA 5035             |
| SW846 8260B                                             | 9120740 | NSK2535-06    | 4.40                | 5.00          | 11/25/09 10:30 | CHH     | EPA 5035             |
| SW846 8260B                                             | 9120559 | NSK2535-07    | 4.41                | 5.00          | 11/25/09 14:05 | CHH     | EPA 5035             |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## PROJECT QUALITY CONTROL DATA

### Blank

| Analyte                                                        | Blank Value | Q | Units     | Q.C. Batch | Lab Number   | Analyzed Date/Time |
|----------------------------------------------------------------|-------------|---|-----------|------------|--------------|--------------------|
| <b>Selected Volatile Organic Compounds by EPA Method 8260B</b> |             |   |           |            |              |                    |
| <b>9120559-BLK1</b>                                            |             |   |           |            |              |                    |
| Benzene                                                        | 0.000840    | B | mg/kg wet | 9120559    | 9120559-BLK1 | 12/04/09 02:48     |
| Ethylbenzene                                                   | <0.000670   |   | mg/kg wet | 9120559    | 9120559-BLK1 | 12/04/09 02:48     |
| Naphthalene                                                    | <0.00170    |   | mg/kg wet | 9120559    | 9120559-BLK1 | 12/04/09 02:48     |
| Toluene                                                        | <0.000400   |   | mg/kg wet | 9120559    | 9120559-BLK1 | 12/04/09 02:48     |
| Xylenes, total                                                 | <0.00130    |   | mg/kg wet | 9120559    | 9120559-BLK1 | 12/04/09 02:48     |
| Surrogate: 1,2-Dichloroethane-d4                               | 101%        |   |           | 9120559    | 9120559-BLK1 | 12/04/09 02:48     |
| Surrogate: Dibromofluoromethane                                | 99%         |   |           | 9120559    | 9120559-BLK1 | 12/04/09 02:48     |
| Surrogate: Toluene-d8                                          | 99%         |   |           | 9120559    | 9120559-BLK1 | 12/04/09 02:48     |
| Surrogate: 4-Bromofluorobenzene                                | 108%        |   |           | 9120559    | 9120559-BLK1 | 12/04/09 02:48     |
| <b>9120740-BLK1</b>                                            |             |   |           |            |              |                    |
| Benzene                                                        | 0.00129     | B | mg/kg wet | 9120740    | 9120740-BLK1 | 12/03/09 15:10     |
| Ethylbenzene                                                   | <0.000670   |   | mg/kg wet | 9120740    | 9120740-BLK1 | 12/03/09 15:10     |
| Naphthalene                                                    | <0.00170    |   | mg/kg wet | 9120740    | 9120740-BLK1 | 12/03/09 15:10     |
| Toluene                                                        | 0.000480    | B | mg/kg wet | 9120740    | 9120740-BLK1 | 12/03/09 15:10     |
| Xylenes, total                                                 | <0.00130    |   | mg/kg wet | 9120740    | 9120740-BLK1 | 12/03/09 15:10     |
| Surrogate: 1,2-Dichloroethane-d4                               | 99%         |   |           | 9120740    | 9120740-BLK1 | 12/03/09 15:10     |
| Surrogate: Dibromofluoromethane                                | 96%         |   |           | 9120740    | 9120740-BLK1 | 12/03/09 15:10     |
| Surrogate: Toluene-d8                                          | 101%        |   |           | 9120740    | 9120740-BLK1 | 12/03/09 15:10     |
| Surrogate: 4-Bromofluorobenzene                                | 108%        |   |           | 9120740    | 9120740-BLK1 | 12/03/09 15:10     |
| <b>9120850-BLK1</b>                                            |             |   |           |            |              |                    |
| Benzene                                                        | 0.000670    |   | mg/kg wet | 9120850    | 9120850-BLK1 | 12/04/09 15:28     |
| Ethylbenzene                                                   | <0.000670   |   | mg/kg wet | 9120850    | 9120850-BLK1 | 12/04/09 15:28     |
| Naphthalene                                                    | <0.00170    |   | mg/kg wet | 9120850    | 9120850-BLK1 | 12/04/09 15:28     |
| Toluene                                                        | <0.000400   |   | mg/kg wet | 9120850    | 9120850-BLK1 | 12/04/09 15:28     |
| Xylenes, total                                                 | <0.00130    |   | mg/kg wet | 9120850    | 9120850-BLK1 | 12/04/09 15:28     |
| Surrogate: 1,2-Dichloroethane-d4                               | 98%         |   |           | 9120850    | 9120850-BLK1 | 12/04/09 15:28     |
| Surrogate: Dibromofluoromethane                                | 98%         |   |           | 9120850    | 9120850-BLK1 | 12/04/09 15:28     |
| Surrogate: Toluene-d8                                          | 99%         |   |           | 9120850    | 9120850-BLK1 | 12/04/09 15:28     |
| Surrogate: 4-Bromofluorobenzene                                | 103%        |   |           | 9120850    | 9120850-BLK1 | 12/04/09 15:28     |
| <b>9120867-BLK1</b>                                            |             |   |           |            |              |                    |
| Benzene                                                        | <0.0335     |   | mg/kg wet | 9120867    | 9120867-BLK1 | 12/04/09 21:25     |
| Ethylbenzene                                                   | <0.0335     |   | mg/kg wet | 9120867    | 9120867-BLK1 | 12/04/09 21:25     |
| Naphthalene                                                    | <0.0850     |   | mg/kg wet | 9120867    | 9120867-BLK1 | 12/04/09 21:25     |
| Toluene                                                        | <0.0200     |   | mg/kg wet | 9120867    | 9120867-BLK1 | 12/04/09 21:25     |
| Xylenes, total                                                 | <0.0650     |   | mg/kg wet | 9120867    | 9120867-BLK1 | 12/04/09 21:25     |
| Surrogate: 1,2-Dichloroethane-d4                               | 88%         |   |           | 9120867    | 9120867-BLK1 | 12/04/09 21:25     |
| Surrogate: Dibromofluoromethane                                | 98%         |   |           | 9120867    | 9120867-BLK1 | 12/04/09 21:25     |
| Surrogate: Toluene-d8                                          | 100%        |   |           | 9120867    | 9120867-BLK1 | 12/04/09 21:25     |
| Surrogate: 4-Bromofluorobenzene                                | 92%         |   |           | 9120867    | 9120867-BLK1 | 12/04/09 21:25     |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## PROJECT QUALITY CONTROL DATA

### Blank - Cont.

| Analyte                                                        | Blank Value | Q | Units     | Q.C. Batch | Lab Number   | Analyzed Date/Time |
|----------------------------------------------------------------|-------------|---|-----------|------------|--------------|--------------------|
| <b>Selected Volatile Organic Compounds by EPA Method 8260B</b> |             |   |           |            |              |                    |
| <b>Polyaromatic Hydrocarbons by EPA 8270D</b>                  |             |   |           |            |              |                    |
| <b>9120540-BLK1</b>                                            |             |   |           |            |              |                    |
| Acenaphthene                                                   | <0.0220     |   | mg/kg wet | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Acenaphthylene                                                 | <0.0220     |   | mg/kg wet | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Anthracene                                                     | <0.0150     |   | mg/kg wet | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Benzo (a) anthracene                                           | <0.0130     |   | mg/kg wet | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Benzo (a) pyrene                                               | <0.0150     |   | mg/kg wet | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Benzo (b) fluoranthene                                         | <0.0170     |   | mg/kg wet | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Benzo (g,h,i) perylene                                         | <0.0140     |   | mg/kg wet | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Benzo (k) fluoranthene                                         | <0.0190     |   | mg/kg wet | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Chrysene                                                       | <0.0150     |   | mg/kg wet | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Dibenz (a,h) anthracene                                        | <0.0140     |   | mg/kg wet | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Fluoranthene                                                   | <0.0140     |   | mg/kg wet | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Fluorene                                                       | <0.0130     |   | mg/kg wet | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Indeno (1,2,3-cd) pyrene                                       | <0.0120     |   | mg/kg wet | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Naphthalene                                                    | <0.0200     |   | mg/kg wet | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Phenanthrene                                                   | <0.0130     |   | mg/kg wet | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Pyrene                                                         | <0.0120     |   | mg/kg wet | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Surrogate: Terphenyl-d14                                       | 89%         |   |           | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Surrogate: 2-Fluorobiphenyl                                    | 77%         |   |           | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |
| Surrogate: Nitrobenzene-d5                                     | 82%         |   |           | 9120540    | 9120540-BLK1 | 12/04/09 17:43     |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## 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>9121414-DUP1</b>                 |            |           |   |       |     |       |         |                   |        |                    |
| % Dry Solids                        | 88.4       | 87.7      |   | %     | 0.8 | 20    | 9121414 | NSK1266-02        |        | 12/09/09 09:19     |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## PROJECT QUALITY CONTROL DATA LCS

| Analyte                                                        | Known Val. | Analyzed Val | Q | Units | % Rec. | Target Range | Batch   | Analyzed Date/Time |
|----------------------------------------------------------------|------------|--------------|---|-------|--------|--------------|---------|--------------------|
| <b>Selected Volatile Organic Compounds by EPA Method 8260B</b> |            |              |   |       |        |              |         |                    |
| <b>9120559-BS1</b>                                             |            |              |   |       |        |              |         |                    |
| Benzene                                                        | 50.0       | 53.6         |   | ug/kg | 107%   | 78 - 126     | 9120559 | 12/04/09 00:48     |
| Ethylbenzene                                                   | 50.0       | 51.3         |   | ug/kg | 103%   | 79 - 130     | 9120559 | 12/04/09 00:48     |
| Naphthalene                                                    | 50.0       | 59.9         |   | ug/kg | 120%   | 72 - 150     | 9120559 | 12/04/09 00:48     |
| Toluene                                                        | 50.0       | 50.6         |   | ug/kg | 101%   | 76 - 126     | 9120559 | 12/04/09 00:48     |
| Xylenes, total                                                 | 150        | 154          |   | ug/kg | 102%   | 80 - 130     | 9120559 | 12/04/09 00:48     |
| Surrogate: 1,2-Dichloroethane-d4                               | 50.0       | 58.9         |   |       | 118%   | 67 - 138     | 9120559 | 12/04/09 00:48     |
| Surrogate: Dibromofluoromethane                                | 50.0       | 53.8         |   |       | 108%   | 75 - 125     | 9120559 | 12/04/09 00:48     |
| Surrogate: Toluene-d8                                          | 50.0       | 51.3         |   |       | 103%   | 76 - 129     | 9120559 | 12/04/09 00:48     |
| Surrogate: 4-Bromofluorobenzene                                | 50.0       | 53.7         |   |       | 107%   | 67 - 147     | 9120559 | 12/04/09 00:48     |
| <b>9120740-BS1</b>                                             |            |              |   |       |        |              |         |                    |
| Benzene                                                        | 50.0       | 53.2         |   | ug/kg | 106%   | 78 - 126     | 9120740 | 12/03/09 12:57     |
| Ethylbenzene                                                   | 50.0       | 57.0         |   | ug/kg | 114%   | 79 - 130     | 9120740 | 12/03/09 12:57     |
| Naphthalene                                                    | 50.0       | 71.5         |   | ug/kg | 143%   | 72 - 150     | 9120740 | 12/03/09 12:57     |
| Toluene                                                        | 50.0       | 53.9         |   | ug/kg | 108%   | 76 - 126     | 9120740 | 12/03/09 12:57     |
| Xylenes, total                                                 | 150        | 171          |   | ug/kg | 114%   | 80 - 130     | 9120740 | 12/03/09 12:57     |
| Surrogate: 1,2-Dichloroethane-d4                               | 50.0       | 56.2         |   |       | 112%   | 67 - 138     | 9120740 | 12/03/09 12:57     |
| Surrogate: Dibromofluoromethane                                | 50.0       | 52.3         |   |       | 105%   | 75 - 125     | 9120740 | 12/03/09 12:57     |
| Surrogate: Toluene-d8                                          | 50.0       | 51.3         |   |       | 103%   | 76 - 129     | 9120740 | 12/03/09 12:57     |
| Surrogate: 4-Bromofluorobenzene                                | 50.0       | 54.1         |   |       | 108%   | 67 - 147     | 9120740 | 12/03/09 12:57     |
| <b>9120850-BS1</b>                                             |            |              |   |       |        |              |         |                    |
| Benzene                                                        | 50.0       | 54.2         |   | ug/kg | 108%   | 78 - 126     | 9120850 | 12/04/09 13:16     |
| Ethylbenzene                                                   | 50.0       | 55.3         |   | ug/kg | 111%   | 79 - 130     | 9120850 | 12/04/09 13:16     |
| Naphthalene                                                    | 50.0       | 71.8         |   | ug/kg | 144%   | 72 - 150     | 9120850 | 12/04/09 13:16     |
| Toluene                                                        | 50.0       | 53.0         |   | ug/kg | 106%   | 76 - 126     | 9120850 | 12/04/09 13:16     |
| Xylenes, total                                                 | 150        | 167          |   | ug/kg | 111%   | 80 - 130     | 9120850 | 12/04/09 13:16     |
| Surrogate: 1,2-Dichloroethane-d4                               | 50.0       | 58.4         |   |       | 117%   | 67 - 138     | 9120850 | 12/04/09 13:16     |
| Surrogate: Dibromofluoromethane                                | 50.0       | 53.7         |   |       | 107%   | 75 - 125     | 9120850 | 12/04/09 13:16     |
| Surrogate: Toluene-d8                                          | 50.0       | 49.7         |   |       | 99%    | 76 - 129     | 9120850 | 12/04/09 13:16     |
| Surrogate: 4-Bromofluorobenzene                                | 50.0       | 51.4         |   |       | 103%   | 67 - 147     | 9120850 | 12/04/09 13:16     |
| <b>9120867-BS1</b>                                             |            |              |   |       |        |              |         |                    |
| Benzene                                                        | 50.0       | 52.4         |   | ug/kg | 105%   | 78 - 126     | 9120867 | 12/04/09 19:20     |
| Ethylbenzene                                                   | 50.0       | 51.1         |   | ug/kg | 102%   | 79 - 130     | 9120867 | 12/04/09 19:20     |
| Naphthalene                                                    | 50.0       | 55.7         |   | ug/kg | 111%   | 72 - 150     | 9120867 | 12/04/09 19:20     |
| Toluene                                                        | 50.0       | 49.9         |   | ug/kg | 100%   | 76 - 126     | 9120867 | 12/04/09 19:20     |
| Xylenes, total                                                 | 150        | 151          |   | ug/kg | 101%   | 80 - 130     | 9120867 | 12/04/09 19:20     |
| Surrogate: 1,2-Dichloroethane-d4                               | 25.0       | 22.3         |   |       | 89%    | 67 - 138     | 9120867 | 12/04/09 19:20     |
| Surrogate: Dibromofluoromethane                                | 25.0       | 25.3         |   |       | 101%   | 75 - 125     | 9120867 | 12/04/09 19:20     |
| Surrogate: Toluene-d8                                          | 25.0       | 23.1         |   |       | 93%    | 76 - 129     | 9120867 | 12/04/09 19:20     |
| Surrogate: 4-Bromofluorobenzene                                | 25.0       | 24.2         |   |       | 97%    | 67 - 147     | 9120867 | 12/04/09 19:20     |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## PROJECT QUALITY CONTROL DATA

### LCS - Cont.

| Analyte                                                        | Known Val. | Analyzed Val | Q | Units     | % Rec. | Target Range | Batch   | Analyzed Date/Time |
|----------------------------------------------------------------|------------|--------------|---|-----------|--------|--------------|---------|--------------------|
| <b>Selected Volatile Organic Compounds by EPA Method 8260B</b> |            |              |   |           |        |              |         |                    |
| <b>Polyaromatic Hydrocarbons by EPA 8270D</b>                  |            |              |   |           |        |              |         |                    |
| <b>9120540-BS1</b>                                             |            |              |   |           |        |              |         |                    |
| Acenaphthene                                                   | 1.67       | 1.15         |   | mg/kg wet | 69%    | 49 - 120     | 9120540 | 12/04/09 18:07     |
| Acenaphthylene                                                 | 1.67       | 1.33         |   | mg/kg wet | 80%    | 52 - 120     | 9120540 | 12/04/09 18:07     |
| Anthracene                                                     | 1.67       | 1.49         |   | mg/kg wet | 89%    | 58 - 120     | 9120540 | 12/04/09 18:07     |
| Benzo (a) anthracene                                           | 1.67       | 1.43         |   | mg/kg wet | 86%    | 57 - 120     | 9120540 | 12/04/09 18:07     |
| Benzo (a) pyrene                                               | 1.67       | 1.41         |   | mg/kg wet | 85%    | 55 - 120     | 9120540 | 12/04/09 18:07     |
| Benzo (b) fluoranthene                                         | 1.67       | 1.44         |   | mg/kg wet | 87%    | 51 - 123     | 9120540 | 12/04/09 18:07     |
| Benzo (g,h,i) perylene                                         | 1.67       | 1.38         |   | mg/kg wet | 83%    | 49 - 121     | 9120540 | 12/04/09 18:07     |
| Benzo (k) fluoranthene                                         | 1.67       | 1.17         |   | mg/kg wet | 70%    | 42 - 129     | 9120540 | 12/04/09 18:07     |
| Chrysene                                                       | 1.67       | 1.28         |   | mg/kg wet | 77%    | 55 - 120     | 9120540 | 12/04/09 18:07     |
| Dibenz (a,h) anthracene                                        | 1.67       | 1.35         |   | mg/kg wet | 81%    | 50 - 123     | 9120540 | 12/04/09 18:07     |
| Fluoranthene                                                   | 1.67       | 1.33         |   | mg/kg wet | 80%    | 58 - 120     | 9120540 | 12/04/09 18:07     |
| Fluorene                                                       | 1.67       | 1.29         |   | mg/kg wet | 78%    | 54 - 120     | 9120540 | 12/04/09 18:07     |
| Indeno (1,2,3-cd) pyrene                                       | 1.67       | 1.42         |   | mg/kg wet | 85%    | 50 - 122     | 9120540 | 12/04/09 18:07     |
| Naphthalene                                                    | 1.67       | 1.08         |   | mg/kg wet | 65%    | 28 - 120     | 9120540 | 12/04/09 18:07     |
| Phenanthrene                                                   | 1.67       | 1.26         |   | mg/kg wet | 76%    | 56 - 120     | 9120540 | 12/04/09 18:07     |
| Pyrene                                                         | 1.67       | 1.40         |   | mg/kg wet | 84%    | 56 - 120     | 9120540 | 12/04/09 18:07     |
| Surrogate: Terphenyl-d14                                       | 1.67       | 1.35         |   |           | 81%    | 18 - 120     | 9120540 | 12/04/09 18:07     |
| Surrogate: 2-Fluorobiphenyl                                    | 1.67       | 1.17         |   |           | 70%    | 14 - 120     | 9120540 | 12/04/09 18:07     |
| Surrogate: Nitrobenzene-d5                                     | 1.67       | 1.10         |   |           | 66%    | 17 - 120     | 9120540 | 12/04/09 18:07     |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## 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>Selected Volatile Organic Compounds by EPA Method 8260B</b> |            |           |   |       |            |        |              |      |       |         |                   |                    |
| <b>9120559-BSD1</b>                                            |            |           |   |       |            |        |              |      |       |         |                   |                    |
| Benzene                                                        |            | 54.0      |   | ug/kg | 50.0       | 108%   | 78 - 126     | 0.9  | 50    | 9120559 |                   | 12/04/09 01:18     |
| Ethylbenzene                                                   |            | 53.6      |   | ug/kg | 50.0       | 107%   | 79 - 130     | 4    | 50    | 9120559 |                   | 12/04/09 01:18     |
| Naphthalene                                                    |            | 62.6      |   | ug/kg | 50.0       | 125%   | 72 - 150     | 4    | 50    | 9120559 |                   | 12/04/09 01:18     |
| Toluene                                                        |            | 52.4      |   | ug/kg | 50.0       | 105%   | 76 - 126     | 3    | 50    | 9120559 |                   | 12/04/09 01:18     |
| Xylenes, total                                                 |            | 160       |   | ug/kg | 150        | 106%   | 80 - 130     | 4    | 50    | 9120559 |                   | 12/04/09 01:18     |
| Surrogate: 1,2-Dichloroethane-d4                               |            | 58.2      |   | ug/kg | 50.0       | 116%   | 67 - 138     |      |       | 9120559 |                   | 12/04/09 01:18     |
| Surrogate: Dibromofluoromethane                                |            | 51.8      |   | ug/kg | 50.0       | 104%   | 75 - 125     |      |       | 9120559 |                   | 12/04/09 01:18     |
| Surrogate: Toluene-d8                                          |            | 50.8      |   | ug/kg | 50.0       | 102%   | 76 - 129     |      |       | 9120559 |                   | 12/04/09 01:18     |
| Surrogate: 4-Bromofluorobenzene                                |            | 52.6      |   | ug/kg | 50.0       | 105%   | 67 - 147     |      |       | 9120559 |                   | 12/04/09 01:18     |
| <b>9120740-BSD1</b>                                            |            |           |   |       |            |        |              |      |       |         |                   |                    |
| Benzene                                                        |            | 52.2      |   | ug/kg | 50.0       | 104%   | 78 - 126     | 2    | 50    | 9120740 |                   | 12/03/09 13:27     |
| Ethylbenzene                                                   |            | 54.8      |   | ug/kg | 50.0       | 110%   | 79 - 130     | 4    | 50    | 9120740 |                   | 12/03/09 13:27     |
| Naphthalene                                                    |            | 71.5      |   | ug/kg | 50.0       | 143%   | 72 - 150     | 0.03 | 50    | 9120740 |                   | 12/03/09 13:27     |
| Toluene                                                        |            | 51.2      |   | ug/kg | 50.0       | 102%   | 76 - 126     | 5    | 50    | 9120740 |                   | 12/03/09 13:27     |
| Xylenes, total                                                 |            | 165       |   | ug/kg | 150        | 110%   | 80 - 130     | 4    | 50    | 9120740 |                   | 12/03/09 13:27     |
| Surrogate: 1,2-Dichloroethane-d4                               |            | 57.2      |   | ug/kg | 50.0       | 114%   | 67 - 138     |      |       | 9120740 |                   | 12/03/09 13:27     |
| Surrogate: Dibromofluoromethane                                |            | 53.9      |   | ug/kg | 50.0       | 108%   | 75 - 125     |      |       | 9120740 |                   | 12/03/09 13:27     |
| Surrogate: Toluene-d8                                          |            | 50.7      |   | ug/kg | 50.0       | 101%   | 76 - 129     |      |       | 9120740 |                   | 12/03/09 13:27     |
| Surrogate: 4-Bromofluorobenzene                                |            | 52.7      |   | ug/kg | 50.0       | 105%   | 67 - 147     |      |       | 9120740 |                   | 12/03/09 13:27     |
| <b>9120850-BSD1</b>                                            |            |           |   |       |            |        |              |      |       |         |                   |                    |
| Benzene                                                        |            | 53.4      |   | ug/kg | 50.0       | 107%   | 78 - 126     | 1    | 50    | 9120850 |                   | 12/04/09 13:46     |
| Ethylbenzene                                                   |            | 56.0      |   | ug/kg | 50.0       | 112%   | 79 - 130     | 1    | 50    | 9120850 |                   | 12/04/09 13:46     |
| Naphthalene                                                    |            | 69.6      |   | ug/kg | 50.0       | 139%   | 72 - 150     | 3    | 50    | 9120850 |                   | 12/04/09 13:46     |
| Toluene                                                        |            | 53.5      |   | ug/kg | 50.0       | 107%   | 76 - 126     | 1    | 50    | 9120850 |                   | 12/04/09 13:46     |
| Xylenes, total                                                 |            | 167       |   | ug/kg | 150        | 112%   | 80 - 130     | 0.4  | 50    | 9120850 |                   | 12/04/09 13:46     |
| Surrogate: 1,2-Dichloroethane-d4                               |            | 54.0      |   | ug/kg | 50.0       | 108%   | 67 - 138     |      |       | 9120850 |                   | 12/04/09 13:46     |
| Surrogate: Dibromofluoromethane                                |            | 52.5      |   | ug/kg | 50.0       | 105%   | 75 - 125     |      |       | 9120850 |                   | 12/04/09 13:46     |
| Surrogate: Toluene-d8                                          |            | 50.2      |   | ug/kg | 50.0       | 100%   | 76 - 129     |      |       | 9120850 |                   | 12/04/09 13:46     |
| Surrogate: 4-Bromofluorobenzene                                |            | 51.2      |   | ug/kg | 50.0       | 102%   | 67 - 147     |      |       | 9120850 |                   | 12/04/09 13:46     |
| <b>9120867-BSD1</b>                                            |            |           |   |       |            |        |              |      |       |         |                   |                    |
| Benzene                                                        |            | 52.4      |   | ug/kg | 50.0       | 105%   | 78 - 126     | 0.2  | 50    | 9120867 |                   | 12/04/09 19:45     |
| Ethylbenzene                                                   |            | 50.8      |   | ug/kg | 50.0       | 102%   | 79 - 130     | 0.6  | 50    | 9120867 |                   | 12/04/09 19:45     |
| Naphthalene                                                    |            | 55.0      |   | ug/kg | 50.0       | 110%   | 72 - 150     | 1    | 50    | 9120867 |                   | 12/04/09 19:45     |
| Toluene                                                        |            | 49.7      |   | ug/kg | 50.0       | 99%    | 76 - 126     | 0.5  | 50    | 9120867 |                   | 12/04/09 19:45     |
| Xylenes, total                                                 |            | 149       |   | ug/kg | 150        | 100%   | 80 - 130     | 1    | 50    | 9120867 |                   | 12/04/09 19:45     |
| Surrogate: 1,2-Dichloroethane-d4                               |            | 22.0      |   | ug/kg | 25.0       | 88%    | 67 - 138     |      |       | 9120867 |                   | 12/04/09 19:45     |
| Surrogate: Dibromofluoromethane                                |            | 25.2      |   | ug/kg | 25.0       | 101%   | 75 - 125     |      |       | 9120867 |                   | 12/04/09 19:45     |
| Surrogate: Toluene-d8                                          |            | 23.2      |   | ug/kg | 25.0       | 93%    | 76 - 129     |      |       | 9120867 |                   | 12/04/09 19:45     |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## PROJECT QUALITY CONTROL DATA

### LCS Dup - Cont.

| Analyte                                                        | Orig. Val. | Duplicate | Q | Units | Spike<br>Conc | % Rec. | Target<br>Range | RPD | Limit | Batch   | Sample<br>Duplicated | Analyzed<br>Date/Time |
|----------------------------------------------------------------|------------|-----------|---|-------|---------------|--------|-----------------|-----|-------|---------|----------------------|-----------------------|
| <b>Selected Volatile Organic Compounds by EPA Method 8260B</b> |            |           |   |       |               |        |                 |     |       |         |                      |                       |
| <b>9120867-BSD1</b>                                            |            |           |   |       |               |        |                 |     |       |         |                      |                       |
| <i>Surrogate: 4-Bromofluorobenzene</i>                         |            | 24.3      |   | ug/kg | 25.0          | 97%    | 67 - 147        |     |       | 9120867 |                      | 12/04/09 19:45        |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## 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>Selected Volatile Organic Compounds by EPA Method 8260B</b> |            |        |     |           |            |        |              |         |                    |                    |
| <b>9120559-MS1</b>                                             |            |        |     |           |            |        |              |         |                    |                    |
| Benzene                                                        | 0.00199    | 0.0478 |     | mg/kg dry | 0.0609     | 75%    | 42 - 141     | 9120559 | NSL0366-03         | 12/04/09 10:16     |
| Ethylbenzene                                                   | ND         | 0.0473 |     | mg/kg dry | 0.0609     | 78%    | 21 - 165     | 9120559 | NSL0366-03         | 12/04/09 10:16     |
| Naphthalene                                                    | ND         | 0.0373 |     | mg/kg dry | 0.0609     | 61%    | 10 - 160     | 9120559 | NSL0366-03         | 12/04/09 10:16     |
| Toluene                                                        | 0.000433   | 0.0461 |     | mg/kg dry | 0.0609     | 75%    | 45 - 145     | 9120559 | NSL0366-03         | 12/04/09 10:16     |
| Xylenes, total                                                 | ND         | 0.140  |     | mg/kg dry | 0.183      | 77%    | 31 - 159     | 9120559 | NSL0366-03         | 12/04/09 10:16     |
| Surrogate: 1,2-Dichloroethane-d4                               |            | 56.8   |     | ug/kg     | 50.0       | 114%   | 67 - 138     | 9120559 | NSL0366-03         | 12/04/09 10:16     |
| Surrogate: Dibromofluoromethane                                |            | 53.2   |     | ug/kg     | 50.0       | 106%   | 75 - 125     | 9120559 | NSL0366-03         | 12/04/09 10:16     |
| Surrogate: Toluene-d8                                          |            | 49.8   |     | ug/kg     | 50.0       | 100%   | 76 - 129     | 9120559 | NSL0366-03         | 12/04/09 10:16     |
| Surrogate: 4-Bromofluorobenzene                                |            | 52.5   |     | ug/kg     | 50.0       | 105%   | 67 - 147     | 9120559 | NSL0366-03         | 12/04/09 10:16     |
| <b>9120740-MS1</b>                                             |            |        |     |           |            |        |              |         |                    |                    |
| Benzene                                                        | 0.00350    | 0.0607 |     | mg/kg dry | 0.0557     | 103%   | 42 - 141     | 9120740 | NSK2535-01         | 12/03/09 22:18     |
| Ethylbenzene                                                   | 0.148      | 0.0549 | MHA | mg/kg dry | 0.0557     | -168%  | 21 - 165     | 9120740 | NSK2535-01         | 12/03/09 22:18     |
| Naphthalene                                                    | 0.399      | 0.0439 | MHA | mg/kg dry | 0.0557     | -637%  | 10 - 160     | 9120740 | NSK2535-01         | 12/03/09 22:18     |
| Toluene                                                        | 0.00124    | 0.0614 |     | mg/kg dry | 0.0557     | 108%   | 45 - 145     | 9120740 | NSK2535-01         | 12/03/09 22:18     |
| Xylenes, total                                                 | 0.0904     | 0.157  |     | mg/kg dry | 0.167      | 40%    | 31 - 159     | 9120740 | NSK2535-01         | 12/03/09 22:18     |
| Surrogate: 1,2-Dichloroethane-d4                               |            | 65.8   |     | ug/kg     | 50.0       | 132%   | 67 - 138     | 9120740 | NSK2535-01         | 12/03/09 22:18     |
| Surrogate: Dibromofluoromethane                                |            | 55.6   |     | ug/kg     | 50.0       | 111%   | 75 - 125     | 9120740 | NSK2535-01         | 12/03/09 22:18     |
| Surrogate: Toluene-d8                                          |            | 58.8   |     | ug/kg     | 50.0       | 118%   | 76 - 129     | 9120740 | NSK2535-01         | 12/03/09 22:18     |
| Surrogate: 4-Bromofluorobenzene                                |            | 52.7   |     | ug/kg     | 50.0       | 105%   | 67 - 147     | 9120740 | NSK2535-01         | 12/03/09 22:18     |
| <b>9120850-MS1</b>                                             |            |        |     |           |            |        |              |         |                    |                    |
| Benzene                                                        | 2.47       | 33.4   |     | ug/kg     | 50.0       | 62%    | 42 - 141     | 9120850 | NSL0576-04         | 12/04/09 20:29     |
| Ethylbenzene                                                   | 0.838      | 26.5   |     | ug/kg     | 50.0       | 51%    | 21 - 165     | 9120850 | NSL0576-04         | 12/04/09 20:29     |
| Naphthalene                                                    | 0.900      | 8.45   |     | ug/kg     | 50.0       | 15%    | 10 - 160     | 9120850 | NSL0576-04         | 12/04/09 20:29     |
| Toluene                                                        | 2.81       | 31.5   |     | ug/kg     | 50.0       | 57%    | 45 - 145     | 9120850 | NSL0576-04         | 12/04/09 20:29     |
| Xylenes, total                                                 | 2.01       | 73.6   |     | ug/kg     | 150        | 48%    | 31 - 159     | 9120850 | NSL0576-04         | 12/04/09 20:29     |
| Surrogate: 1,2-Dichloroethane-d4                               |            | 58.6   |     | ug/kg     | 50.0       | 117%   | 67 - 138     | 9120850 | NSL0576-04         | 12/04/09 20:29     |
| Surrogate: Dibromofluoromethane                                |            | 54.7   |     | ug/kg     | 50.0       | 109%   | 75 - 125     | 9120850 | NSL0576-04         | 12/04/09 20:29     |
| Surrogate: Toluene-d8                                          |            | 53.0   |     | ug/kg     | 50.0       | 106%   | 76 - 129     | 9120850 | NSL0576-04         | 12/04/09 20:29     |
| Surrogate: 4-Bromofluorobenzene                                |            | 63.0   |     | ug/kg     | 50.0       | 126%   | 67 - 147     | 9120850 | NSL0576-04         | 12/04/09 20:29     |
| <b>9120867-MS1</b>                                             |            |        |     |           |            |        |              |         |                    |                    |
| Benzene                                                        | ND         | 2.60   |     | mg/kg wet | 2.26       | 115%   | 42 - 141     | 9120867 | NSL0366-01IRE<br>2 | 12/05/09 04:54     |
| Ethylbenzene                                                   | ND         | 2.54   |     | mg/kg wet | 2.26       | 113%   | 21 - 165     | 9120867 | NSL0366-01IRE<br>2 | 12/05/09 04:54     |
| Naphthalene                                                    | ND         | 2.63   |     | mg/kg wet | 2.26       | 117%   | 10 - 160     | 9120867 | NSL0366-01IRE<br>2 | 12/05/09 04:54     |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

**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>Selected Volatile Organic Compounds by EPA Method 8260B</b> |            |        |   |           |            |        |              |         |                   |                    |
| <b>9120867-MS1</b>                                             |            |        |   |           |            |        |              |         |                   |                    |
| Toluene                                                        | ND         | 2.53   |   | mg/kg wet | 2.26       | 112%   | 45 - 145     | 9120867 | NSL0366-01RE<br>2 | 12/05/09 04:54     |
| Xylenes, total                                                 | ND         | 7.45   |   | mg/kg wet | 6.77       | 110%   | 31 - 159     | 9120867 | NSL0366-01RE<br>2 | 12/05/09 04:54     |
| Surrogate: 1,2-Dichloroethane-d4                               |            | 22.0   |   | ug/kg     | 25.0       | 88%    | 67 - 138     | 9120867 | NSL0366-01RE<br>2 | 12/05/09 04:54     |
| Surrogate: Dibromofluoromethane                                |            | 25.1   |   | ug/kg     | 25.0       | 100%   | 75 - 125     | 9120867 | NSL0366-01RE<br>2 | 12/05/09 04:54     |
| Surrogate: Toluene-d8                                          |            | 23.8   |   | ug/kg     | 25.0       | 95%    | 76 - 129     | 9120867 | NSL0366-01RE<br>2 | 12/05/09 04:54     |
| Surrogate: 4-Bromofluorobenzene                                |            | 24.3   |   | ug/kg     | 25.0       | 97%    | 67 - 147     | 9120867 | NSL0366-01RE<br>2 | 12/05/09 04:54     |

**Polyaromatic Hydrocarbons by EPA 8270D**

**9120540-MS1**

|                             |    |       |  |           |      |     |          |         |            |                |
|-----------------------------|----|-------|--|-----------|------|-----|----------|---------|------------|----------------|
| Acenaphthene                | ND | 1.10  |  | mg/kg wet | 1.64 | 67% | 42 - 120 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Acenaphthylene              | ND | 1.26  |  | mg/kg wet | 1.64 | 77% | 32 - 120 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Anthracene                  | ND | 1.42  |  | mg/kg wet | 1.64 | 87% | 10 - 200 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Benzo (a) anthracene        | ND | 1.35  |  | mg/kg wet | 1.64 | 82% | 41 - 120 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Benzo (a) pyrene            | ND | 1.34  |  | mg/kg wet | 1.64 | 82% | 33 - 121 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Benzo (b) fluoranthene      | ND | 1.31  |  | mg/kg wet | 1.64 | 80% | 26 - 137 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Benzo (g,h,i) perylene      | ND | 1.30  |  | mg/kg wet | 1.64 | 79% | 21 - 124 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Benzo (k) fluoranthene      | ND | 1.19  |  | mg/kg wet | 1.64 | 73% | 14 - 140 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Chrysene                    | ND | 1.22  |  | mg/kg wet | 1.64 | 75% | 28 - 123 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Dibenz (a,h) anthracene     | ND | 1.31  |  | mg/kg wet | 1.64 | 80% | 25 - 127 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Fluoranthene                | ND | 1.30  |  | mg/kg wet | 1.64 | 79% | 38 - 120 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Fluorene                    | ND | 1.24  |  | mg/kg wet | 1.64 | 76% | 41 - 120 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Indeno (1,2,3-cd) pyrene    | ND | 1.35  |  | mg/kg wet | 1.64 | 83% | 25 - 123 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Naphthalene                 | ND | 1.04  |  | mg/kg wet | 1.64 | 64% | 25 - 120 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Phenanthrene                | ND | 1.22  |  | mg/kg wet | 1.64 | 74% | 37 - 120 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Pyrene                      | ND | 1.31  |  | mg/kg wet | 1.64 | 80% | 29 - 125 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Surrogate: Terphenyl-d14    |    | 1.15  |  | mg/kg wet | 1.64 | 70% | 18 - 120 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Surrogate: 2-Fluorobiphenyl |    | 1.03  |  | mg/kg wet | 1.64 | 63% | 14 - 120 | 9120540 | NSL0057-13 | 12/04/09 18:31 |
| Surrogate: Nitrobenzene-d5  |    | 0.967 |  | mg/kg wet | 1.64 | 59% | 17 - 120 | 9120540 | NSL0057-13 | 12/04/09 18:31 |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## 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>Selected Volatile Organic Compounds by EPA Method 8260B</b> |            |           |     |           |            |        |              |     |       |         |                   |                    |
| <b>9120559-MSD1</b>                                            |            |           |     |           |            |        |              |     |       |         |                   |                    |
| Benzene                                                        | 0.00199    | 0.0498    |     | mg/kg dry | 0.0598     | 80%    | 42 - 141     | 4   | 50    | 9120559 | NSL0366-03        | 12/04/09 10:46     |
| Ethylbenzene                                                   | ND         | 0.0455    |     | mg/kg dry | 0.0598     | 76%    | 21 - 165     | 4   | 50    | 9120559 | NSL0366-03        | 12/04/09 10:46     |
| Naphthalene                                                    | ND         | 0.0370    |     | mg/kg dry | 0.0598     | 62%    | 10 - 160     | 0.8 | 50    | 9120559 | NSL0366-03        | 12/04/09 10:46     |
| Toluene                                                        | 0.000433   | 0.0465    |     | mg/kg dry | 0.0598     | 77%    | 45 - 145     | 0.7 | 50    | 9120559 | NSL0366-03        | 12/04/09 10:46     |
| Xylenes, total                                                 | ND         | 0.131     |     | mg/kg dry | 0.179      | 73%    | 31 - 159     | 6   | 50    | 9120559 | NSL0366-03        | 12/04/09 10:46     |
| Surrogate: 1,2-Dichloroethane-d4                               |            | 57.8      |     | ug/kg     | 50.0       | 116%   | 67 - 138     |     |       | 9120559 | NSL0366-03        | 12/04/09 10:46     |
| Surrogate: Dibromofluoromethane                                |            | 53.9      |     | ug/kg     | 50.0       | 108%   | 75 - 125     |     |       | 9120559 | NSL0366-03        | 12/04/09 10:46     |
| Surrogate: Toluene-d8                                          |            | 50.2      |     | ug/kg     | 50.0       | 100%   | 76 - 129     |     |       | 9120559 | NSL0366-03        | 12/04/09 10:46     |
| Surrogate: 4-Bromofluorobenzene                                |            | 52.8      |     | ug/kg     | 50.0       | 106%   | 67 - 147     |     |       | 9120559 | NSL0366-03        | 12/04/09 10:46     |
| <b>9120740-MSD1</b>                                            |            |           |     |           |            |        |              |     |       |         |                   |                    |
| Benzene                                                        | 0.00350    | 0.0570    |     | mg/kg dry | 0.0527     | 102%   | 42 - 141     | 6   | 50    | 9120740 | NSK2535-01        | 12/03/09 22:48     |
| Ethylbenzene                                                   | 0.148      | 0.0495    | MHA | mg/kg dry | 0.0527     | -188%  | 21 - 165     | 10  | 50    | 9120740 | NSK2535-01        | 12/03/09 22:48     |
| Naphthalene                                                    | 0.399      | 0.0341    | MHA | mg/kg dry | 0.0527     | -691%  | 10 - 160     | 25  | 50    | 9120740 | NSK2535-01        | 12/03/09 22:48     |
| Toluene                                                        | 0.00124    | 0.0561    |     | mg/kg dry | 0.0527     | 104%   | 45 - 145     | 9   | 50    | 9120740 | NSK2535-01        | 12/03/09 22:48     |
| Xylenes, total                                                 | 0.0904     | 0.139     | MHA | mg/kg dry | 0.158      | 30%    | 31 - 159     | 12  | 50    | 9120740 | NSK2535-01        | 12/03/09 22:48     |
| Surrogate: 1,2-Dichloroethane-d4                               |            | 62.0      |     | ug/kg     | 50.0       | 124%   | 67 - 138     |     |       | 9120740 | NSK2535-01        | 12/03/09 22:48     |
| Surrogate: Dibromofluoromethane                                |            | 54.2      |     | ug/kg     | 50.0       | 108%   | 75 - 125     |     |       | 9120740 | NSK2535-01        | 12/03/09 22:48     |
| Surrogate: Toluene-d8                                          |            | 61.8      |     | ug/kg     | 50.0       | 124%   | 76 - 129     |     |       | 9120740 | NSK2535-01        | 12/03/09 22:48     |
| Surrogate: 4-Bromofluorobenzene                                |            | 42.1      |     | ug/kg     | 50.0       | 84%    | 67 - 147     |     |       | 9120740 | NSK2535-01        | 12/03/09 22:48     |
| <b>9120850-MSD1</b>                                            |            |           |     |           |            |        |              |     |       |         |                   |                    |
| Benzene                                                        | 2.34       | 40.0      |     | ug/kg     | 50.0       | 75%    | 42 - 141     | 18  | 50    | 9120850 | NSL0576-04        | 12/04/09 20:59     |
| Ethylbenzene                                                   | 0.792      | 35.1      |     | ug/kg     | 50.0       | 69%    | 21 - 165     | 28  | 50    | 9120850 | NSL0576-04        | 12/04/09 20:59     |
| Naphthalene                                                    | 0.850      | 9.37      |     | ug/kg     | 50.0       | 17%    | 10 - 160     | 10  | 50    | 9120850 | NSL0576-04        | 12/04/09 20:59     |
| Toluene                                                        | 2.66       | 39.1      |     | ug/kg     | 50.0       | 73%    | 45 - 145     | 22  | 50    | 9120850 | NSL0576-04        | 12/04/09 20:59     |
| Xylenes, total                                                 | 1.90       | 97.3      |     | ug/kg     | 150        | 64%    | 31 - 159     | 28  | 50    | 9120850 | NSL0576-04        | 12/04/09 20:59     |
| Surrogate: 1,2-Dichloroethane-d4                               |            | 56.9      |     | ug/kg     | 50.0       | 114%   | 67 - 138     |     |       | 9120850 | NSL0576-04        | 12/04/09 20:59     |
| Surrogate: Dibromofluoromethane                                |            | 53.7      |     | ug/kg     | 50.0       | 107%   | 75 - 125     |     |       | 9120850 | NSL0576-04        | 12/04/09 20:59     |
| Surrogate: Toluene-d8                                          |            | 52.5      |     | ug/kg     | 50.0       | 105%   | 76 - 129     |     |       | 9120850 | NSL0576-04        | 12/04/09 20:59     |
| Surrogate: 4-Bromofluorobenzene                                |            | 62.4      |     | ug/kg     | 50.0       | 125%   | 67 - 147     |     |       | 9120850 | NSL0576-04        | 12/04/09 20:59     |
| <b>9120867-MSD1</b>                                            |            |           |     |           |            |        |              |     |       |         |                   |                    |
| Benzene                                                        | ND         | 2.49      |     | mg/kg wet | 2.26       | 110%   | 42 - 141     | 4   | 50    | 9120867 | NSL0366-01RE<br>2 | 12/05/09 05:20     |
| Ethylbenzene                                                   | ND         | 2.41      |     | mg/kg wet | 2.26       | 107%   | 21 - 165     | 5   | 50    | 9120867 | NSL0366-01RE<br>2 | 12/05/09 05:20     |
| Naphthalene                                                    | ND         | 2.55      |     | mg/kg wet | 2.26       | 113%   | 10 - 160     | 3   | 50    | 9120867 | NSL0366-01RE<br>2 | 12/05/09 05:20     |
| Toluene                                                        | ND         | 2.38      |     | mg/kg wet | 2.26       | 105%   | 45 - 145     | 6   | 50    | 9120867 | NSL0366-01RE<br>2 | 12/05/09 05:20     |
| Xylenes, total                                                 | ND         | 7.03      |     | mg/kg wet | 6.77       | 104%   | 31 - 159     | 6   | 50    | 9120867 | NSL0366-01RE<br>2 | 12/05/09 05:20     |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## 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>Selected Volatile Organic Compounds by EPA Method 8260B</b> |            |           |   |           |            |        |              |     |       |         |                   |                    |
| <b>9120867-MSD1</b>                                            |            |           |   |           |            |        |              |     |       |         |                   |                    |
| Surrogate: 1,2-Dichloroethane-d4                               |            | 22.4      |   | ug/kg     | 25.0       | 90%    | 67 - 138     |     |       | 9120867 | NSL0366-01RE<br>2 | 12/05/09 05:20     |
| Surrogate: Dibromofluoromethane                                |            | 25.6      |   | ug/kg     | 25.0       | 102%   | 75 - 125     |     |       | 9120867 | NSL0366-01RE<br>2 | 12/05/09 05:20     |
| Surrogate: Toluene-d8                                          |            | 23.4      |   | ug/kg     | 25.0       | 93%    | 76 - 129     |     |       | 9120867 | NSL0366-01RE<br>2 | 12/05/09 05:20     |
| Surrogate: 4-Bromofluorobenzene                                |            | 24.4      |   | ug/kg     | 25.0       | 98%    | 67 - 147     |     |       | 9120867 | NSL0366-01RE<br>2 | 12/05/09 05:20     |
| <b>Polyaromatic Hydrocarbons by EPA 8270D</b>                  |            |           |   |           |            |        |              |     |       |         |                   |                    |
| <b>9120540-MSD1</b>                                            |            |           |   |           |            |        |              |     |       |         |                   |                    |
| Acenaphthene                                                   | ND         | 0.918     |   | mg/kg wet | 1.63       | 56%    | 42 - 120     | 18  | 40    | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Acenaphthylene                                                 | ND         | 1.05      |   | mg/kg wet | 1.63       | 65%    | 32 - 120     | 18  | 30    | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Anthracene                                                     | ND         | 1.19      |   | mg/kg wet | 1.63       | 73%    | 10 - 200     | 18  | 50    | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Benzo (a) anthracene                                           | ND         | 1.14      |   | mg/kg wet | 1.63       | 70%    | 41 - 120     | 17  | 30    | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Benzo (a) pyrene                                               | ND         | 1.13      |   | mg/kg wet | 1.63       | 70%    | 33 - 121     | 17  | 33    | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Benzo (b) fluoranthene                                         | ND         | 1.11      |   | mg/kg wet | 1.63       | 68%    | 26 - 137     | 17  | 42    | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Benzo (g,h,i) perylene                                         | ND         | 1.12      |   | mg/kg wet | 1.63       | 69%    | 21 - 124     | 15  | 32    | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Benzo (k) fluoranthene                                         | ND         | 0.969     |   | mg/kg wet | 1.63       | 59%    | 14 - 140     | 20  | 39    | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Chrysene                                                       | ND         | 1.03      |   | mg/kg wet | 1.63       | 63%    | 28 - 123     | 17  | 34    | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Dibenz (a,h) anthracene                                        | ND         | 1.10      |   | mg/kg wet | 1.63       | 67%    | 25 - 127     | 18  | 31    | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Fluoranthene                                                   | ND         | 1.10      |   | mg/kg wet | 1.63       | 67%    | 38 - 120     | 16  | 35    | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Fluorene                                                       | ND         | 1.04      |   | mg/kg wet | 1.63       | 64%    | 41 - 120     | 18  | 37    | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Indeno (1,2,3-cd) pyrene                                       | ND         | 1.13      |   | mg/kg wet | 1.63       | 70%    | 25 - 123     | 18  | 32    | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Naphthalene                                                    | ND         | 0.872     |   | mg/kg wet | 1.63       | 53%    | 25 - 120     | 18  | 42    | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Phenanthrene                                                   | ND         | 1.02      |   | mg/kg wet | 1.63       | 63%    | 37 - 120     | 17  | 32    | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Pyrene                                                         | ND         | 1.10      |   | mg/kg wet | 1.63       | 67%    | 29 - 125     | 18  | 40    | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Surrogate: Terphenyl-d14                                       |            | 1.13      |   | mg/kg wet | 1.63       | 70%    | 18 - 120     |     |       | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Surrogate: 2-Fluorobiphenyl                                    |            | 0.996     |   | mg/kg wet | 1.63       | 61%    | 14 - 120     |     |       | 9120540 | NSL0057-13        | 12/04/09 18:54     |
| Surrogate: Nitrobenzene-d5                                     |            | 0.979     |   | mg/kg wet | 1.63       | 60%    | 17 - 120     |     |       | 9120540 | NSL0057-13        | 12/04/09 18:54     |

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

Work Order: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## 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: NSK2535  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 11/27/09 08:00

## DATA QUALIFIERS AND DEFINITIONS

**B** Analyte was detected in the associated Method Blank.  
**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.  
**MHA** Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).  
**RL1** Reporting limit raised due to sample matrix effects.  
**ZX** Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.  
**ND** Not detected at the reporting limit (or method detection limit if shown)

## METHOD MODIFICATION NOTES

NSK2535  
12/11/09 23 59

**TestAmerica**

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

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

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

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

Client Name/Account #: EEG # 2449

Address: 10179 Highway 78

City/State/Zip: Ladson, SC 29456

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

Telephone Number: 843.412.2097

Fax No.: 843-879-0401

Sampler Name: (Print) DAVE SHAW

Sampler Signature: [Signature]

Site State: SC

PO#: 0829

TA Quote #:

Project ID: Laurel Bay Housing Project

Project #:

| Sample ID / Description | Date Sampled | Time Sampled | No. of Containers Shipped | Grab | Composite | Field Filtered | Ice | Preservative                 |                                               |                                                       |                                                     |                    |                 | Matrix      |            |                |        | Analyze For: |                  |                     |             |  |  |  |  |  |  | RUSH TAT (Pre-Schedule) |
|-------------------------|--------------|--------------|---------------------------|------|-----------|----------------|-----|------------------------------|-----------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|--------------------|-----------------|-------------|------------|----------------|--------|--------------|------------------|---------------------|-------------|--|--|--|--|--|--|-------------------------|
|                         |              |              |                           |      |           |                |     | HNO <sub>3</sub> (Red Label) | H <sub>2</sub> SO <sub>4</sub> (Orange Label) | H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label) | H <sub>2</sub> SO <sub>4</sub> Glass (Yellow Label) | None (Black Label) | Other (Specify) | Groundwater | Wastewater | Drinking Water | Sludge | Soil         | Other (specify): | BTEX + Naph - 82608 | PAH - 8270D |  |  |  |  |  |  |                         |
| 532 Laurel Bay Blvd.    | 11/23/09     | 1000         | 5                         | X    |           |                |     | 2                            |                                               |                                                       |                                                     | 21                 |                 |             |            |                |        | X            |                  | 3                   | 2           |  |  |  |  |  |  |                         |
| 534 Laurel Bay Blvd.    | 11/23/09     | 1420         | 5                         | X    |           |                |     | 2                            |                                               |                                                       |                                                     | 21                 |                 |             |            |                |        | X            |                  | 3                   | 2           |  |  |  |  |  |  |                         |
| 538 Laurel Bay Blvd.    | 11/24/09     | 0945         | 5                         | X    |           |                |     | 2                            |                                               |                                                       |                                                     | 21                 |                 |             |            |                |        | X            |                  | 3                   | 2           |  |  |  |  |  |  |                         |
| 542 Laurel Bay Blvd.    | 11/24/09     | 1405         | 5                         | X    |           |                |     | 2                            |                                               |                                                       |                                                     | 21                 |                 |             |            |                |        | X            |                  | 3                   | 2           |  |  |  |  |  |  |                         |
| 546 Laurel Bay Blvd.    | 11/24/09     | 1615         | 5                         | X    |           |                |     | 2                            |                                               |                                                       |                                                     | 21                 |                 |             |            |                |        | X            |                  | 3                   | 2           |  |  |  |  |  |  |                         |
| 558 Dahlia              | 11/25/09     | 1030         | 5                         | X    |           |                |     | 2                            |                                               |                                                       |                                                     | 21                 |                 |             |            |                |        | X            |                  | 3                   | 2           |  |  |  |  |  |  |                         |
| 561 Dahlia              | 11/25/09     | 1405         | 5                         | X    |           |                |     | 2                            |                                               |                                                       |                                                     | 21                 |                 |             |            |                |        | X            |                  | 3                   | 2           |  |  |  |  |  |  |                         |

Special Instructions:

Method of Shipment:

FEDEX

|                                    |                      |                  |                                |                      |                 |
|------------------------------------|----------------------|------------------|--------------------------------|----------------------|-----------------|
| Relinquished by <u>[Signature]</u> | Date <u>11/25/09</u> | Time <u>1400</u> | Received by <u>[Signature]</u> | Date <u>11/27/09</u> | Time <u>800</u> |
| Relinquished by <u>[Signature]</u> | Date                 | Time             | Received by TestAmerica        | Date                 | Time            |

Laboratory Comments:

Temperature Upon Receipt: 4.7  
VOCs Free of Headspace? Y

ATTACHMENT A



# NON-HAZARDOUS MANIFEST

CWM

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

| NON-HAZARDOUS MANIFEST                                                                                                                                                                                                                                                                                                           |  | 1. Generator's US EPA ID No. |  | Manifest Document No.                                        |  | 2. Page 1 of 1                         |  |                              |  |                   |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|--|--------------------------------------------------------------|--|----------------------------------------|--|------------------------------|--|-------------------|--|
| 3. Generator's Name and Mailing Address<br>MCAS, Beaufort<br>Laurel Bay Housing<br>Beaufort SC 29904                                                                                                                                                                                                                             |  |                              |  | A. Manifest Number<br>WMNA 17835142                          |  |                                        |  |                              |  |                   |  |
| 4. Generator's Phone<br>843 228-6480                                                                                                                                                                                                                                                                                             |  |                              |  | B. State Generator's ID                                      |  |                                        |  |                              |  |                   |  |
| 5. Transporter 1 Company Name<br>EEG, Inc.                                                                                                                                                                                                                                                                                       |  | 6. US EPA ID Number          |  | C. State Transporter's ID                                    |  | D. Transporter's Phone<br>843 878-0411 |  |                              |  |                   |  |
| 7. Transporter 2 Company Name                                                                                                                                                                                                                                                                                                    |  | 8. US EPA ID Number          |  | E. State Transporter's ID                                    |  | F. Transporter's Phone                 |  |                              |  |                   |  |
| 9. Designated Facility Name and Site Address<br>HICKORY HILL LANDFILL<br>ROUTE 1, BOX 121<br>RIDGELAND SC 29366                                                                                                                                                                                                                  |  | 10. US EPA ID Number         |  | G. State Facility's ID                                       |  | H. Facility's Phone<br>843 987-4643    |  |                              |  |                   |  |
| 11. Description of Waste Materials                                                                                                                                                                                                                                                                                               |  |                              |  | 12. Containers<br>No. Type                                   |  | 13. Total<br>Quantity                  |  | 14. Unit<br>Wt./Vol.         |  | I. Misc. Comments |  |
| a. Heating Oil Tank filled with Sand<br>WM Profile # 102855SC                                                                                                                                                                                                                                                                    |  |                              |  | 0 0 1                                                        |  | 10374                                  |  |                              |  |                   |  |
| b. WM Profile #                                                                                                                                                                                                                                                                                                                  |  |                              |  |                                                              |  |                                        |  |                              |  |                   |  |
| c. WM Profile #                                                                                                                                                                                                                                                                                                                  |  |                              |  |                                                              |  |                                        |  |                              |  |                   |  |
| WM Profile #                                                                                                                                                                                                                                                                                                                     |  |                              |  |                                                              |  |                                        |  |                              |  |                   |  |
| J. Additional Descriptions for Materials Listed Above<br>Landfill _____ Solidification _____<br>Bio Remediation _____                                                                                                                                                                                                            |  |                              |  | K. Disposal Location<br>Cell _____ Level _____<br>Grid _____ |  |                                        |  |                              |  |                   |  |
| 15. Special Handling Instructions and Additional Information<br>GSA UST's from 3) 531 Laurel Bay Blvd. 5) 533 Laurel Bay Blvd.<br>1) 519 Laurel Bay Blvd. 4) 532 Laurel Bay Blvd. 6) 534 Laurel Bay Blvd.<br>Purchase Order # 3529 Laurel Bay Blvd. EMERGENCY CONTACT:                                                           |  |                              |  |                                                              |  |                                        |  |                              |  |                   |  |
| 16. GENERATOR'S CERTIFICATION:<br>I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations. |  |                              |  |                                                              |  |                                        |  |                              |  |                   |  |
| Printed/Typed Name<br>WG Parker                                                                                                                                                                                                                                                                                                  |  |                              |  | Signature "On behalf of"<br>[Signature]                      |  |                                        |  | Month Day Year<br>11 12 508  |  |                   |  |
| 17. Transporter 1 Acknowledgement of Receipt of Materials                                                                                                                                                                                                                                                                        |  |                              |  |                                                              |  |                                        |  |                              |  |                   |  |
| Printed/Typed Name<br>Joe Winston                                                                                                                                                                                                                                                                                                |  |                              |  | Signature<br>[Signature]                                     |  |                                        |  | Month Day Year<br>11 12 7 09 |  |                   |  |
| 18. Transporter 2 Acknowledgement of Receipt of Materials                                                                                                                                                                                                                                                                        |  |                              |  |                                                              |  |                                        |  |                              |  |                   |  |
| Printed/Typed 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/Typed Name<br>Tom Cofield                                                                                                                                                                                                                                                                                                |  |                              |  | Signature<br>[Signature]                                     |  |                                        |  | Month Day Year<br>11 12 7 09 |  |                   |  |

**Appendix C**  
**Laboratory Analytical Report - Groundwater**

# Volatile Organic Compounds by GC/MS

|                                               |  |  |  |                                   |  |  |  |
|-----------------------------------------------|--|--|--|-----------------------------------|--|--|--|
| Client: <b>AECOM - Resolution Consultants</b> |  |  |  | Laboratory ID: <b>QF10006-017</b> |  |  |  |
| Description: <b>BEALB532TW01WG20150610</b>    |  |  |  | Matrix: <b>Aqueous</b>            |  |  |  |
| Date Sampled: <b>06/10/2015 1315</b>          |  |  |  |                                   |  |  |  |
| Date Received: <b>06/11/2015</b>              |  |  |  |                                   |  |  |  |

| Run | Prep Method | Analytical Method | Dilution | Analysis Date   | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------|-------|
| 1   | 5030B       | 8260B             | 1        | 06/16/2015 0512 | PMM2    |           | 77325 |

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

| Surrogate             | Q | Run 1 % Recovery | Acceptance Limits |
|-----------------------|---|------------------|-------------------|
| Bromofluorobenzene    |   | 86               | 75-120            |
| 1,2-Dichloroethane-d4 |   | 92               | 70-120            |
| Toluene-d8            |   | 89               | 85-120            |
| Dibromofluoromethane  |   | 91               | 85-115            |

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

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

Level 1 Report v2.1

## Semivolatile Organic Compounds by GC/MS (SIM)

Client: **AECOM - Resolution Consultants**Laboratory ID: **QF10006-017**Description: **BEALB532TW01WG20150610**Matrix: **Aqueous**Date Sampled: **06/10/2015 1315**Date Received: **06/11/2015**

| Run                     | Prep Method | Analytical Method | Dilution          | Analysis Date   | Analyst | Prep Date       | Batch |       |       |     |
|-------------------------|-------------|-------------------|-------------------|-----------------|---------|-----------------|-------|-------|-------|-----|
| 1                       | 3520C       | 8270D (SIM)       | 1                 | 06/19/2015 2232 | RBH     | 06/17/2015 1058 | 77467 |       |       |     |
| Parameter               |             | CAS Number        | Analytical Method | Result          | Q       | LOQ             | LOD   | DL    | Units | Run |
| Benzo(a)anthracene      |             | 56-55-3           | 8270D (SIM)       | 0.040           | U       | 0.20            | 0.040 | 0.019 | ug/L  | 1   |
| Benzo(b)fluoranthene    |             | 205-99-2          | 8270D (SIM)       | 0.040           | U       | 0.20            | 0.040 | 0.019 | ug/L  | 1   |
| Benzo(k)fluoranthene    |             | 207-08-9          | 8270D (SIM)       | 0.040           | U       | 0.20            | 0.040 | 0.024 | ug/L  | 1   |
| Chrysene                |             | 218-01-9          | 8270D (SIM)       | 0.040           | U       | 0.20            | 0.040 | 0.021 | ug/L  | 1   |
| Dibenzo(a,h)anthracene  |             | 53-70-3           | 8270D (SIM)       | 0.080           | U       | 0.20            | 0.080 | 0.040 | ug/L  | 1   |
| Surrogate               | Q           | Run 1 % Recovery  | Acceptance Limits |                 |         |                 |       |       |       |     |
| 2-Methylnaphthalene-d10 |             | 74                | 15-139            |                 |         |                 |       |       |       |     |
| Fluoranthene-d10        |             | 78                | 23-154            |                 |         |                 |       |       |       |     |

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

Q = Surrogate failure

ND = Not detected at or above the MDL

J = Estimated result &lt; PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

L = LCS/LCSD failure

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

S = MS/MSD failure

Shealy Environmental Services, Inc.

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

Level 1 Report v2.1

## **Appendix D**

### **Regulatory Correspondence**

# D H E C

PROMOTE PROTECT PROSPER

Catherine B. Templeton, Director

May 15, 2014

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

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

Dear Mr. Drawdy,

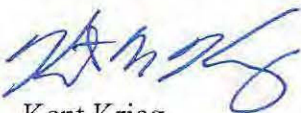
The South Carolina Department of Health and Environmental Control (the Department) received the above referenced Underground Storage Tank Assessment Reports for the addresses listed above. The regulatory authority for the investigation and cleanup of releases from these tank systems is the South Carolina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

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

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

If you have any questions, please contact me at [kriegkm@dhec.sc.gov](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)

# D H E C

PROMOTE PROTECT PROSPER

Catherine B. Templeton, Director

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

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

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

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

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



Catherine E. Heigel, Director

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

Division of Waste Management  
Bureau of Land and Waste Management

February 22, 2016

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

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

Dear Mr. Drawdy,

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

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

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

If you have any questions, please contact me at [petruslb@dhec.sc.gov](mailto:petruslb@dhec.sc.gov) or 803-898-0294.

Sincerely,

Laurel Petrus  
RCRA Federal Facilities Section

*Attachment: Specific Property Recommendations*

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

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

**Draft Final Initial Groundwater Investigation Report for (143 addresses)**

**Permanent Monitoring Well Investigation recommendation (52 addresses)**

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

**No Further Action recommendation (91 addresses):**

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

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