

**SUMMARY REPORT  
212 ASPEN STREET (FORMERLY 383 ASPEN STREET)  
LAUREL BAY MILITARY HOUSING AREA  
MARINE CORPS AIR STATION BEAUFORT  
BEAUFORT, SC**

**Revision: 0  
Prepared for:**

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

**and**



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

**JUNE 2021**

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**Prepared by:**



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

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### List of Acronyms

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

## **1.0 INTRODUCTION**

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

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

This report summarizes the results the environmental investigation activities associated with the storage of home heating oil and the potential release of petroleum constituents at the referenced property. Based on the results of the investigation, a No Further Action (NFA) determination has been made by the South Carolina Department of Health and Environmental Control (SCDHEC) for 212 Aspen Street (Formerly 383 Aspen Street). This NFA determination indicates that there are no unacceptable risks to human health or the environment for the petroleum constituents associated with the home heating oil USTs. The following information is included in this report:

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

### **1.1 Background Information**

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

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 212 Aspen Street (Formerly 383 Aspen Street). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 383 Aspen Street* (MCAS Beaufort, 2012). 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**

In December 2011, two 280 gallon heating oil USTs were removed at 212 Aspen Street (Formerly 383 Aspen Street). Tank 1 was removed on December 5, 2011 from the front landscaped bed area adjacent to the front concrete porch. Tank 2 was removed on December 6, 2011 from the front grassed area adjacent to the concrete walk. The former UST locations

are indicated in Figures 2 and 3 of the UST Assessment Report (Appendix B). The USTs were 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 depths to the bases of the USTs were 6'1" (Tank 1) and 4'9" (Tank 2) bgs and a single soil sample was collected for each at that depth. The samples were collected from the fill port side of the former USTs to represent a worst case scenario.

Following UST removal, a soil sample was collected from the base of each 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 212 Aspen Street (Formerly 383 Aspen Street) were greater than the SCDHEC RBSLs, which indicated further investigation was required. In a letter dated May 15, 2014, SCDHEC requested an IGWA for 212 Aspen Street (Formerly 383 Aspen Street) to determine if the groundwater was impacted by petroleum COPCs. SCDHEC's request letter is provided in Appendix D.

## **2.3 Groundwater Sampling**

On May 28, 2015, a temporary monitoring well was installed at 212 Aspen Street (Formerly 383 Aspen Street), 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 locations are 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 212 Aspen Street (Formerly 383 Aspen Street) 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 212 Aspen Street (Formerly 383 Aspen Street). 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, 2012. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 383 Aspen Street, Laurel Bay Military Housing Area*, February 2012.

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**  
**212 Aspen Street (Formerly 383 Aspen Street)**  
**Laurel Bay Military Housing Area**  
**Marine Corps Air Station Beaufort**  
**Beaufort, South Carolina**

| Constituent   | SCDHEC RBSLs <sup>(1)</sup> | Results<br>Samples Collected 12/05/11 and<br>12/06/11 |                           |
|---|-----------------------------|---|---------------------------|
|   |                             | 383 Aspen - 1<br>12/05/11                             | 383 Aspen - 2<br>12/06/11 |
| Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)     |                             |   |                           |
| Benzene   | 0.003                       | ND  | ND                        |
| Ethylbenzene  | 1.15                        | ND  | 0.420                     |
| Naphthalene   | 0.036                       | 0.00856   | 4.59                      |
| Toluene   | 0.627                       | ND  | ND                        |
| Xylenes, Total  | 13.01                       | ND  | 1.31                      |
| Semivolatile Organic Compounds Analyzed by EPA Method 8270D (mg/kg) |                             |   |                           |
| Benzo(a)anthracene  | 0.66                        | 0.0454  | ND                        |
| Benzo(b)fluoranthene  | 0.66                        | ND  | ND                        |
| Benzo(k)fluoranthene  | 0.66                        | ND  | ND                        |
| Chrysene  | 0.66                        | ND  | ND                        |
| Dibenz(a,h)anthracene   | 0.66                        | ND  | 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**  
**212 Aspen Street (Formerly 383 Aspen Street)**  
**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 05/29/15 |
|---|-----------------------------|---|-----------------------------------|
| <b>Volatile Organic Compounds Analyzed by EPA Method 8260B (µg/L)</b>     |                             |   |                                   |
| Benzene   | 5                           | 16.24   | ND                                |
| Ethylbenzene  | 700                         | 45.95   | <b>0.86</b>                       |
| Naphthalene   | 25                          | 29.33   | <b>9.1</b>                        |
| Toluene   | 1000                        | 105,445   | ND                                |
| Xylenes, Total  | 10,000                      | 2,133   | <b>4.2</b>                        |
| <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                                |

**Notes:**

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



## Attachment 1

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

383 Aspen Street, Laurel Bay Military Housing Area  
 Street Address or State Road (as applicable)

Beaufort, Beaufort  
 City County

Attachment 2

### III. INSURANCE INFORMATION

#### Insurance Statement

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

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

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

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

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

### IV. REQUEST FOR SUPERB FUNDING

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

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

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

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

\_\_\_\_\_  
Signature

#### To be completed by Notary Public:

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

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

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

## VI. UST INFORMATION

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

|             |             |  |
|-------------|-------------|--|
| 383Aspen-1  | 383Aspen-2  |  |
| Heating oil | Heating oil |  |
| 280 gal     | 280 gal     |  |
| Late 1950s  | Late 1950s  |  |
| Steel       | Steel       |  |
| Mid 80s     | Mid 80s     |  |
| 6'1"        | 4'9"        |  |
| No          | No          |  |
| No          | No          |  |
| Removed     | Removed     |  |
| 12/5/2011   | 12/6/2011   |  |
| Yes         | Yes         |  |
| Yes         | Yes         |  |

- M. Method of disposal for any USTs removed from the ground (attach disposal manifests)  
UST 383Aspen-1 was removed from the ground, cleaned and recycled.  
UST 383Aspen-2 was removed from the ground, and disposed  
at a Subtitle "D" landfill. See Attachment "A".
- N. Method of disposal for any liquid petroleum, sludges, or wastewaters removed from the USTs (attach disposal manifests)  
Contaminated water was pumped from UST 383Aspen-1 and disposed  
by MCAS.  
UST 328Ash-2 was 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 in both tanks.

## 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.

|                   |                   |  |
|-------------------|-------------------|--|
| 383Aspen-1        | 383Aspen-2        |  |
| Steel<br>& Copper | Steel<br>& Copper |  |
| N/A               | N/A               |  |
| N/A               | N/A               |  |
| Suction           | Suction           |  |
| Yes               | Yes               |  |
| Yes               | Yes               |  |
| No                | No                |  |
| Late 1950s        | Late 1950s        |  |

The steel vent piping for both tanks was corroded and pitted. All  
copper supply and return piping was 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 84009

B.

| Sample #       | Location             | Sample Type<br>(Soil/Water) | Soil Type<br>(Sand/Clay) | Depth* | Date/Time of<br>Collection | Collected<br>by | OVA # |
|----------------|----------------------|-----------------------------|--------------------------|--------|----------------------------|-----------------|-------|
| 383<br>Aspen-1 | Excav at<br>fill end | Soil                        | Sandy                    | 6'1"   | 12/5/11<br>1445 hrs        | P. Shaw         |       |
| 383<br>Aspen-2 | Excav at<br>fill end | Soil                        | Sandy                    | 4'9"   | 12/6/11<br>0945 hrs        | P. Shaw         |       |
|                |                      |                             |                          |        |                            |                 |       |
|                |                      |                             |                          |        |                            |                 |       |
|                |                      |                             |                          |        |                            |                 |       |
|                |                      |                             |                          |        |                            |                 |       |
|                |                      |                             |                          |        |                            |                 |       |
| 8              |                      |                             |                          |        |                            |                 |       |
| 9              |                      |                             |                          |        |                            |                 |       |
| 10             |                      |                             |                          |        |                            |                 |       |
| 11             |                      |                             |                          |        |                            |                 |       |
| 12             |                      |                             |                          |        |                            |                 |       |
| 13             |                      |                             |                          |        |                            |                 |       |
| 14             |                      |                             |                          |        |                            |                 |       |
| 15             |                      |                             |                          |        |                            |                 |       |
| 16             |                      |                             |                          |        |                            |                 |       |
| 17             |                      |                             |                          |        |                            |                 |       |
| 18             |                      |                             |                          |        |                            |                 |       |
| 19             |                      |                             |                          |        |                            |                 |       |
| 20             |                      |                             |                          |        |                            |                 |       |

\* = Depth Below the Surrounding Land Surface

## XI. SAMPLING METHODOLOGY

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

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

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## XII. RECEPTORS

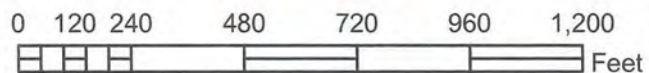
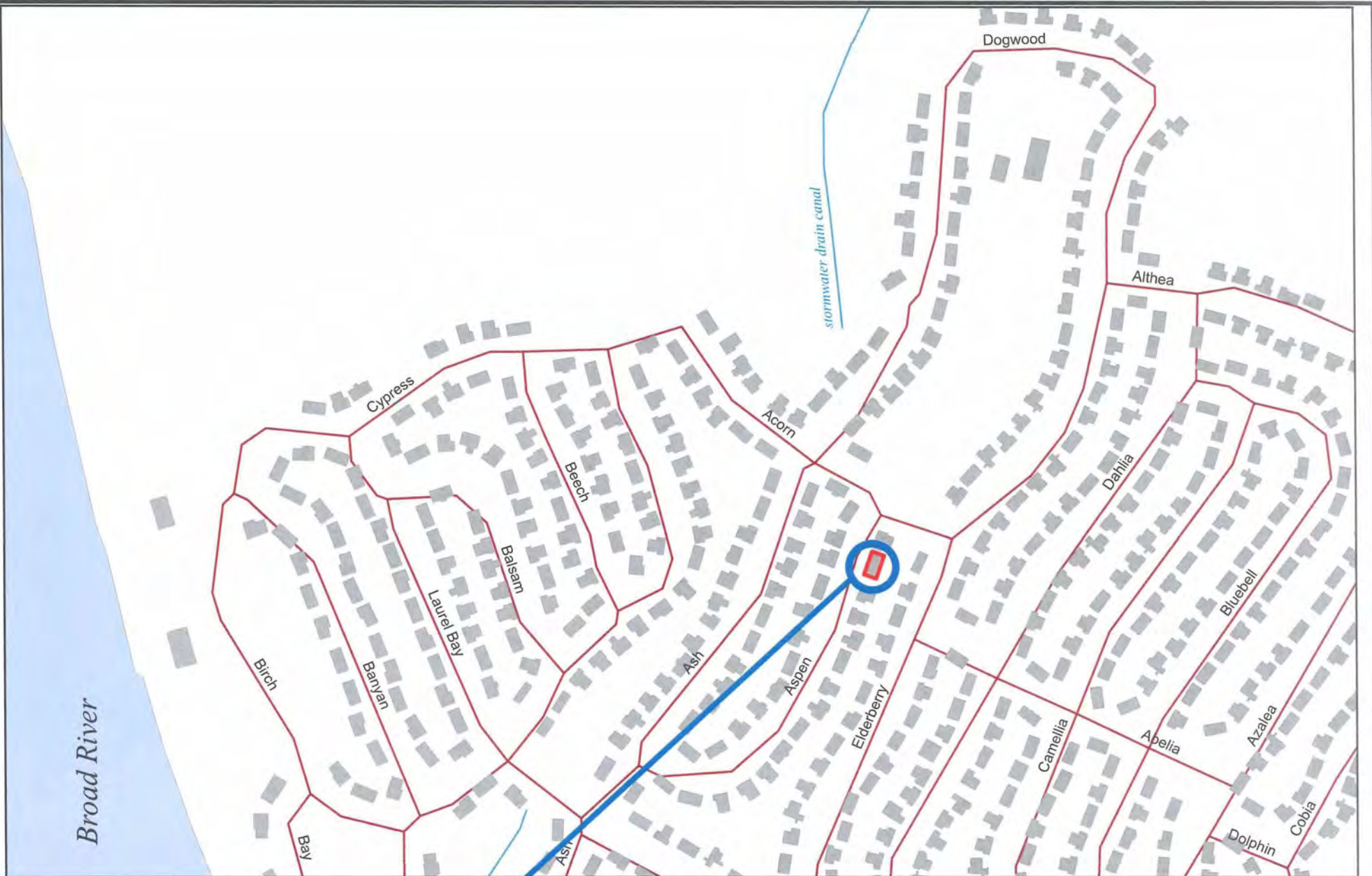
|   | Yes | No |
|---|-----|----|
| <p>A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system?<br/> <span style="float: right;">*Stormwater canal ~710'</span></p> <p>If yes, indicate type of receptor, distance, and direction on site map.</p>   | *X  |    |
| <p>B. Are there any public, private, or irrigation water supply wells within 1000 feet of the UST system?</p> <p>If yes, indicate type of well, distance, and direction on site map.</p>  |     | X  |
| <p>C. Are there any underground structures (e.g., basements) Located within 100 feet of the UST system?</p> <p>If yes, indicate type of structure, distance, and direction on site map.</p>   |     | X  |
| <p>D. Are there any underground utilities (e.g., telephone, electricity, gas, water, sewer, storm drain) located within 100 feet of the UST system that could potentially come in contact with the contamination?<br/> <span style="float: right;">*Sewer, water, electricity, cable &amp; fiber optic</span></p> <p>If yes, indicate the type of utility, distance, and direction on the site map.</p> | *X  |    |
| <p>E. Has contaminated soil been identified at a depth less than 3 feet below land surface in an area that is not capped by asphalt or concrete?</p> <p>If yes, indicate the area of contaminated soil on the site map.</p>   |     | X  |



### **XIII. SITE MAP**

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

(Attach Site Map Here)



**383 ASPEN**

**SBG-EEG, Inc.**

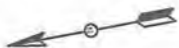
7301 Rivers Ave., Suite 245  
N. Charleston SC 29406-9643

Ph. (843) 573-7140

Drawn By: L. DiAsio

Dwg Date: DEC 2011

**FIGURE 1: LOCATION MAP**  
**383 ASPEN STREET**  
**LAUREL BAY, BEAUFORT SC**



STORMWATER DRAINAGE  
CANAL  $\approx 710'$

383 ASPEN STREET  
LAUREL BAY MILITARY HOUSING  
MCAS BEAUFORT, SC

CONCRETE PORCH

CONCRETE WALK

UST 383ASPEN-1,  
280 GAL.

ASPHALT  
DRIVEWAY

UST 383ASPEN-2,  
280 GAL.

GRAPHIC SCALE

0 5' 10' 20'

***SBG-EEG***

7301 RIVERS AVE., SUITE 245  
N. CHARLESTON SC 29406-9643  
(843) 573-7140

FIGURE 2 SITE MAP  
383 ASPEN ST., LAUREL BAY  
MCAS BEAUFORT SC

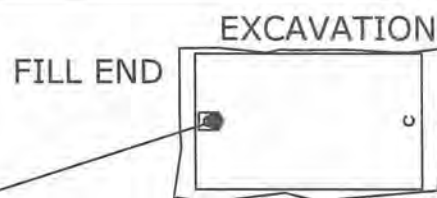
SCALE: GRAPHIC

DWG DATE DEC 2011

383 ASPEN STREET



SOIL SAMPLE  
383 ASPEN-1

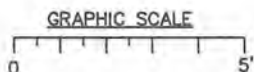


SOIL SAMPLE  
383 ASPEN-2



STORMWATER DRAINAGE  
CANAL  $\approx$  710'

\*A PORTION OF THE CONCRETE SIDEWALK WAS  
REMOVED TO FACILITATE TANK EXTRACTION.



TANK DEPTH BELOW GRADE  
383ASPEN-1 = 37"  
383ASPEN-2 = 21"

**SBG-EEG**

7301 RIVERS AVE., SUITE 245  
N. CHARLESTON SC 29406-9643  
(843) 573-7140

FIGURE 3 UST SAMPLE LOCATIONS  
383 ASPEN ST., LAUREL BAY  
MCAS BEAUFORT SC

SCALE: GRAPHIC

DWG DATE DEC 2011





Picture 1: Location of tanks at 383 Aspen Street.



Picture 2: UST 383Aspen-1 excavation .





Picture 3: UST 383Aspen-2 excavation.



Picture 4: Site after completion of work.

#### XIV. SUMMARY OF ANALYSIS RESULTS

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

| CoC                      | UST | 383Aspen-1    |  | 383Aspen-2  |  |  |  |
|--------------------------|-----|---------------|--|-------------|--|--|--|
| Benzene                  |     | ND            |  | ND          |  |  |  |
| Toluene                  |     | ND            |  | ND          |  |  |  |
| Ethylbenzene             |     | ND            |  | 0.420 mg/kg |  |  |  |
| Xylenes                  |     | ND            |  | 1.31 mg/kg  |  |  |  |
| Naphthalene              |     | 0.00856 mg/kg |  | 4.59 mg/kg  |  |  |  |
| Benzo (a) anthracene     |     | 0.0454 mg/kg  |  | ND          |  |  |  |
| Benzo (b) fluoranthene   |     | ND            |  | ND          |  |  |  |
| Benzo (k) fluoranthene   |     | ND            |  | ND          |  |  |  |
| Chrysene                 |     | ND            |  | ND          |  |  |  |
| Dibenz (a, h) anthracene |     | ND            |  | ND          |  |  |  |
| TPH (EPA 3550)           |     |               |  |             |  |  |  |

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

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

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

| CoC                         | RBSL<br>(µg/l)   | W-1 | W-2 | W -3 | W -4 |
|-----------------------------|------------------|-----|-----|------|------|
| Free Product<br>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)<br>anthracene | 10               |     |     |      |      |
| EDB                         | .05              |     |     |      |      |
| 1,2-DCA                     | 5                |     |     |      |      |
| Lead                        | Site<br>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)

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville  
2960 Foster Creighton Road  
Nashville, TN 37204  
Tel: 800-765-0980

TestAmerica Job ID: NVL1361

Client Project/Site: [none]

Client Project Description: Laurel Bay Housing Project

For:

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

Attn: Tom McElwee

*Roxanne L. Connor*

Authorized for release by:  
12/16/2011 4:28:53 PM

Roxanne Connor

Program Manager - Conventional Accounts

[roxanne.connor@testamericainc.com](mailto:roxanne.connor@testamericainc.com)

Designee for

Ken A. Hayes

Senior Project Manager

[ken.hayes@testamericainc.com](mailto:ken.hayes@testamericainc.com)

### LINKS

Review your project  
results through

Total Access

Have a Question?



Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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## Sample Summary

Client: EEG - Small Business Group, Inc. (2449)

TestAmerica Job ID: NVL1361

Project/Site: [none]

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| NVL1361-01    | 383 Aspen-1      | Soil   | 12/05/11 14:45 | 12/09/11 08:00 |
| NVL1361-02    | 383 Aspen-2      | Soil   | 12/06/11 09:45 | 12/09/11 08:00 |

## Definitions/Glossary

Client: EEG - Small Business Group, Inc. (2449)  
Project/Site: [none]

TestAmerica Job ID: NVL1361

### Qualifiers

#### GCMS Volatiles

| Qualifier | Qualifier Description   |
|-----------|---|
| ZX        | Due to sample matrix effects, the surrogate recovery was outside the acceptance limits. |

#### GCMS Semivolatiles

| Qualifier | Qualifier Description  |
|-----------|--|
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                |
|----------------|--|
| ☆              | Listed under the "D" column to designate that the result is reported on a dry weight basis                 |
| %R             | Percent Recovery   |
| CNF            | Contains no Free Liquid  |
| DL, RA, RE, IN | Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| EDL            | Estimated Detection Limit  |
| EPA            | United States Environmental Protection Agency  |
| MDL            | Method Detection Limit   |
| ML             | Minimum Level (Dioxin)   |
| ND             | Not detected at the reporting limit (or MDL or EDL if shown)   |
| PQL            | Practical Quantitation Limit   |
| RL             | Reporting Limit  |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                       |
| TEF            | Toxicity Equivalent Factor (Dioxin)  |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)  |



## Client Sample Results

Client: EEG - Small Business Group, Inc. (2449)  
Project/Site: [none]

TestAmerica Job ID: NVL1361

**Client Sample ID: 383 Aspen-1**

**Lab Sample ID: NVL1361-01**

Date Collected: 12/05/11 14:45

Matrix: Soil

Date Received: 12/09/11 08:00

Percent Solids: 79

### Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

| Analyte        | Result  | Qualifier | RL      | MDL     | Unit      | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|---------|---------|-----------|---|----------------|----------------|---------|
| Benzene        | ND      |           | 0.00232 | 0.00128 | mg/kg dry | ☼ | 12/05/11 14:45 | 12/13/11 13:17 | 1.00    |
| Ethylbenzene   | ND      |           | 0.00232 | 0.00128 | mg/kg dry | ☼ | 12/05/11 14:45 | 12/13/11 13:17 | 1.00    |
| Naphthalene    | 0.00856 |           | 0.00581 | 0.00290 | mg/kg dry | ☼ | 12/05/11 14:45 | 12/13/11 13:17 | 1.00    |
| Toluene        | ND      |           | 0.00232 | 0.00128 | mg/kg dry | ☼ | 12/05/11 14:45 | 12/13/11 13:17 | 1.00    |
| Xylenes, total | ND      |           | 0.00581 | 0.00290 | mg/kg dry | ☼ | 12/05/11 14:45 | 12/13/11 13:17 | 1.00    |

| Surrogate             | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 | 96        |           | 70 - 130 | 12/05/11 14:45 | 12/13/11 13:17 | 1.00    |
| Dibromofluoromethane  | 96        |           | 70 - 130 | 12/05/11 14:45 | 12/13/11 13:17 | 1.00    |
| Toluene-d8            | 106       |           | 70 - 130 | 12/05/11 14:45 | 12/13/11 13:17 | 1.00    |
| 4-Bromofluorobenzene  | 114       |           | 70 - 130 | 12/05/11 14:45 | 12/13/11 13:17 | 1.00    |

### Method: SW846 8270D - Polyaromatic Hydrocarbons by EPA 8270D

| Analyte                  | Result | Qualifier | RL     | MDL    | Unit      | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|--------|--------|-----------|---|----------------|----------------|---------|
| Acenaphthene             | ND     |           | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| Acenaphthylene           | ND     |           | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| Anthracene               | 0.156  |           | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| Benzo (a) anthracene     | 0.0454 | J         | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| Benzo (a) pyrene         | ND     |           | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| Benzo (b) fluoranthene   | ND     |           | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| Benzo (g,h,i) perylene   | ND     |           | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| Benzo (k) fluoranthene   | ND     |           | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| Chrysene                 | ND     |           | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| Dibenz (a,h) anthracene  | ND     |           | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| Fluoranthene             | 1.36   |           | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| Fluorene                 | ND     |           | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| Indeno (1,2,3-cd) pyrene | ND     |           | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| Naphthalene              | ND     |           | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| Phenanthrene             | 0.732  |           | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| Pyrene                   | 0.956  |           | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| 1-Methylnaphthalene      | ND     |           | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| 2-Methylnaphthalene      | ND     |           | 0.0823 | 0.0418 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |

| Surrogate        | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------|-----------|-----------|----------|----------------|----------------|---------|
| Terphenyl-d14    | 73        |           | 18 - 120 | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| 2-Fluorobiphenyl | 59        |           | 14 - 120 | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |
| Nitrobenzene-d5  | 60        |           | 17 - 120 | 12/10/11 14:07 | 12/13/11 14:56 | 1.00    |

### Method: SW-846 - General Chemistry Parameters

| Analyte      | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| % Dry Solids | 79.0   |           | 0.500 | 0.500 | %    |   | 12/15/11 11:52 | 12/16/11 09:54 | 1.00    |

# Client Sample Results

Client: EEG - Small Business Group, Inc. (2449)  
Project/Site: [none]

TestAmerica Job ID: NVL1361

Client Sample ID: 383 Aspen-2

Date Collected: 12/06/11 09:45

Date Received: 12/09/11 08:00

Lab Sample ID: NVL1361-02

Matrix: Soil

Percent Solids: 81.1

## Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

| Analyte               | Result    | Qualifier | RL       | MDL     | Unit      | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-----------|-----------|----------|---------|-----------|---|----------------|----------------|---------|
| Benzene               | ND        |           | 0.00188  | 0.00103 | mg/kg dry | ☼ | 12/06/11 09:45 | 12/13/11 13:48 | 1.00    |
| Toluene               | ND        |           | 0.00188  | 0.00103 | mg/kg dry | ☼ | 12/06/11 09:45 | 12/13/11 13:48 | 1.00    |
| Surrogate             | %Recovery | Qualifier | Limits   |         |           |   | Prepared       | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 | 100       |           | 70 - 130 |         |           |   | 12/06/11 09:45 | 12/13/11 13:48 | 1.00    |
| Dibromofluoromethane  | 97        |           | 70 - 130 |         |           |   | 12/06/11 09:45 | 12/13/11 13:48 | 1.00    |
| Toluene-d8            | 126       |           | 70 - 130 |         |           |   | 12/06/11 09:45 | 12/13/11 13:48 | 1.00    |
| 4-Bromofluorobenzene  | 165       | ZX        | 70 - 130 |         |           |   | 12/06/11 09:45 | 12/13/11 13:48 | 1.00    |

## Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

| Analyte               | Result    | Qualifier | RL       | MDL    | Unit      | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-----------|-----------|----------|--------|-----------|---|----------------|----------------|---------|
| Ethylbenzene          | 0.420     |           | 0.0468   | 0.0257 | mg/kg dry | ☼ | 12/06/11 09:45 | 12/13/11 21:22 | 50.0    |
| Naphthalene           | 4.59      |           | 0.117    | 0.0585 | mg/kg dry | ☼ | 12/06/11 09:45 | 12/13/11 21:22 | 50.0    |
| Xylenes, total        | 1.31      |           | 0.117    | 0.0585 | mg/kg dry | ☼ | 12/06/11 09:45 | 12/13/11 21:22 | 50.0    |
| Surrogate             | %Recovery | Qualifier | Limits   |        |           |   | Prepared       | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 | 101       |           | 70 - 130 |        |           |   | 12/06/11 09:45 | 12/13/11 21:22 | 50.0    |
| Dibromofluoromethane  | 92        |           | 70 - 130 |        |           |   | 12/06/11 09:45 | 12/13/11 21:22 | 50.0    |
| Toluene-d8            | 110       |           | 70 - 130 |        |           |   | 12/06/11 09:45 | 12/13/11 21:22 | 50.0    |
| 4-Bromofluorobenzene  | 103       |           | 70 - 130 |        |           |   | 12/06/11 09:45 | 12/13/11 21:22 | 50.0    |

## Method: SW846 8270D - Polyaromatic Hydrocarbons by EPA 8270D

| Analyte                  | Result    | Qualifier | RL       | MDL   | Unit      | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|-----------|-----------|----------|-------|-----------|---|----------------|----------------|---------|
| Acenaphthene             | 1.74      |           | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| Acenaphthylene           | 1.14      | J         | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| Anthracene               | ND        |           | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| Benzo (a) anthracene     | ND        |           | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| Benzo (a) pyrene         | ND        |           | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| Benzo (b) fluoranthene   | ND        |           | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| Benzo (g,h,i) perylene   | ND        |           | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| Benzo (k) fluoranthene   | ND        |           | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| Chrysene                 | ND        |           | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| Dibenz (a,h) anthracene  | ND        |           | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| Fluoranthene             | ND        |           | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| Fluorene                 | 5.31      |           | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| Indeno (1,2,3-cd) pyrene | ND        |           | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| Naphthalene              | 12.2      |           | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| Phenanthrene             | 11.1      |           | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| Pyrene                   | 0.891     | J         | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| 1-Methylnaphthalene      | 25.4      |           | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| 2-Methylnaphthalene      | 47.7      |           | 1.61     | 0.819 | mg/kg dry | ☼ | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| Surrogate                | %Recovery | Qualifier | Limits   |       |           |   | Prepared       | Analyzed       | Dil Fac |
| Terphenyl-d14            | 75        |           | 18 - 120 |       |           |   | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| 2-Fluorobiphenyl         | 56        |           | 14 - 120 |       |           |   | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |
| Nitrobenzene-d5          | 82        |           | 17 - 120 |       |           |   | 12/10/11 14:07 | 12/13/11 15:33 | 20.0    |

## Method: SW-846 - General Chemistry Parameters

| Analyte      | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| % Dry Solids | 81.1   |           | 0.500 | 0.500 | %    |   | 12/15/11 11:52 | 12/16/11 09:54 | 1.00    |



# QC Sample Results

Client: EEG - Small Business Group, Inc. (2449)

TestAmerica Job ID: NVL1361

Project/Site: [none]

## Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 11L2644-BLK1

Matrix: Soil

Analysis Batch: U021922

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11L2644\_P

| Analyte               | Blank Result | Blank Qualifier | RL       | MDL     | Unit      | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------------|-----------------|----------|---------|-----------|---|----------------|----------------|---------|
| Benzene               | ND           |                 | 0.00200  | 0.00110 | mg/kg wet |   | 12/13/11 09:46 | 12/13/11 12:16 | 1.00    |
| Ethylbenzene          | ND           |                 | 0.00200  | 0.00110 | mg/kg wet |   | 12/13/11 09:46 | 12/13/11 12:16 | 1.00    |
| Naphthalene           | ND           |                 | 0.00500  | 0.00250 | mg/kg wet |   | 12/13/11 09:46 | 12/13/11 12:16 | 1.00    |
| Toluene               | ND           |                 | 0.00200  | 0.00110 | mg/kg wet |   | 12/13/11 09:46 | 12/13/11 12:16 | 1.00    |
| Xylenes, total        | ND           |                 | 0.00500  | 0.00250 | mg/kg wet |   | 12/13/11 09:46 | 12/13/11 12:16 | 1.00    |
| Surrogate             | %Recovery    | Blank Qualifier | Limits   |         |           |   | Prepared       | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 | 90           |                 | 70 - 130 |         |           |   | 12/13/11 09:46 | 12/13/11 12:16 | 1.00    |
| Dibromofluoromethane  | 91           |                 | 70 - 130 |         |           |   | 12/13/11 09:46 | 12/13/11 12:16 | 1.00    |
| Toluene-d8            | 108          |                 | 70 - 130 |         |           |   | 12/13/11 09:46 | 12/13/11 12:16 | 1.00    |
| 4-Bromofluorobenzene  | 116          |                 | 70 - 130 |         |           |   | 12/13/11 09:46 | 12/13/11 12:16 | 1.00    |

Lab Sample ID: 11L2644-BLK2

Matrix: Soil

Analysis Batch: U021922

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11L2644\_P

| Analyte               | Blank Result | Blank Qualifier | RL       | MDL    | Unit      | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------------|-----------------|----------|--------|-----------|---|----------------|----------------|---------|
| Benzene               | ND           |                 | 0.100    | 0.0550 | mg/kg wet |   | 12/13/11 09:46 | 12/13/11 12:46 | 50.0    |
| Ethylbenzene          | ND           |                 | 0.100    | 0.0550 | mg/kg wet |   | 12/13/11 09:46 | 12/13/11 12:46 | 50.0    |
| Naphthalene           | ND           |                 | 0.250    | 0.125  | mg/kg wet |   | 12/13/11 09:46 | 12/13/11 12:46 | 50.0    |
| Toluene               | ND           |                 | 0.100    | 0.0550 | mg/kg wet |   | 12/13/11 09:46 | 12/13/11 12:46 | 50.0    |
| Xylenes, total        | ND           |                 | 0.250    | 0.125  | mg/kg wet |   | 12/13/11 09:46 | 12/13/11 12:46 | 50.0    |
| Surrogate             | %Recovery    | Blank Qualifier | Limits   |        |           |   | Prepared       | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 | 93           |                 | 70 - 130 |        |           |   | 12/13/11 09:46 | 12/13/11 12:46 | 50.0    |
| Dibromofluoromethane  | 93           |                 | 70 - 130 |        |           |   | 12/13/11 09:46 | 12/13/11 12:46 | 50.0    |
| Toluene-d8            | 109          |                 | 70 - 130 |        |           |   | 12/13/11 09:46 | 12/13/11 12:46 | 50.0    |
| 4-Bromofluorobenzene  | 116          |                 | 70 - 130 |        |           |   | 12/13/11 09:46 | 12/13/11 12:46 | 50.0    |

Lab Sample ID: 11L2644-BS1

Matrix: Soil

Analysis Batch: U021922

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11L2644\_P

| Analyte               | Spike Added | LCS Result    | LCS Qualifier | Unit  | D | %Rec | %Rec. Limits |
|-----------------------|-------------|---------------|---------------|-------|---|------|--------------|
| Benzene               | 50.0        | 49.2          |               | ug/kg |   | 98   | 75 - 127     |
| Ethylbenzene          | 50.0        | 54.5          |               | ug/kg |   | 109  | 80 - 134     |
| Naphthalene           | 50.0        | 64.7          |               | ug/kg |   | 129  | 69 - 150     |
| Toluene               | 50.0        | 57.8          |               | ug/kg |   | 116  | 80 - 132     |
| Xylenes, total        | 150         | 161           |               | ug/kg |   | 108  | 80 - 137     |
| Surrogate             | %Recovery   | LCS Qualifier | Limits        |       |   |      |              |
| 1,2-Dichloroethane-d4 | 93          |               | 70 - 130      |       |   |      |              |
| Dibromofluoromethane  | 93          |               | 70 - 130      |       |   |      |              |
| Toluene-d8            | 109         |               | 70 - 130      |       |   |      |              |
| 4-Bromofluorobenzene  | 114         |               | 70 - 130      |       |   |      |              |



# QC Sample Results

Client: EEG - Small Business Group, Inc. (2449)  
Project/Site: [none]

TestAmerica Job ID: NVL1361

## Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11L2644-BSD1

Matrix: Soil

Analysis Batch: U021922

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 11L2644\_P

| Analyte        | Spike Added | LCS Dup Result | LCS Dup Qualifier | Unit  | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------------|-------------|----------------|-------------------|-------|---|------|--------------|-----|-----------|
| Benzene        | 50.0        | 50.3           |                   | ug/kg |   | 101  | 75 - 127     | 2   | 50        |
| Ethylbenzene   | 50.0        | 55.4           |                   | ug/kg |   | 111  | 80 - 134     | 2   | 50        |
| Naphthalene    | 50.0        | 64.1           |                   | ug/kg |   | 128  | 69 - 150     | 1   | 50        |
| Toluene        | 50.0        | 59.1           |                   | ug/kg |   | 118  | 80 - 132     | 2   | 50        |
| Xylenes, total | 150         | 163            |                   | ug/kg |   | 109  | 80 - 137     | 1   | 50        |

| Surrogate             | LCS Dup %Recovery | LCS Dup Qualifier | Limits   |
|-----------------------|-------------------|-------------------|----------|
| 1,2-Dichloroethane-d4 | 94                |                   | 70 - 130 |
| Dibromofluoromethane  | 94                |                   | 70 - 130 |
| Toluene-d8            | 109               |                   | 70 - 130 |
| 4-Bromofluorobenzene  | 113               |                   | 70 - 130 |

Lab Sample ID: 11L2644-MS1

Matrix: Soil

Analysis Batch: U021922

Client Sample ID: 383 Aspen-2

Prep Type: Total

Prep Batch: 11L2644\_P

| Analyte        | Sample Result | Sample Qualifier | Spike Added | Matrix Spike Result | Matrix Spike Qualifier | Unit      | D | %Rec | %Rec. Limits |
|----------------|---------------|------------------|-------------|---------------------|------------------------|-----------|---|------|--------------|
| Benzene        | ND            |                  | 1.17        | 1.23                |                        | mg/kg dry | ☹ | 105  | 31 - 143     |
| Ethylbenzene   | 0.420         |                  | 1.17        | 1.76                |                        | mg/kg dry | ☹ | 115  | 23 - 161     |
| Naphthalene    | 4.59          |                  | 1.17        | 5.75                |                        | mg/kg dry | ☹ | 99   | 10 - 176     |
| Toluene        | ND            |                  | 1.17        | 1.44                |                        | mg/kg dry | ☹ | 123  | 30 - 155     |
| Xylenes, total | 1.31          |                  | 3.51        | 5.50                |                        | mg/kg dry | ☹ | 119  | 25 - 162     |

| Surrogate             | Matrix Spike %Recovery | Matrix Spike Qualifier | Limits   |
|-----------------------|------------------------|------------------------|----------|
| 1,2-Dichloroethane-d4 | 87                     |                        | 70 - 130 |
| Dibromofluoromethane  | 90                     |                        | 70 - 130 |
| Toluene-d8            | 108                    |                        | 70 - 130 |
| 4-Bromofluorobenzene  | 116                    |                        | 70 - 130 |

Lab Sample ID: 11L2644-MSD1

Matrix: Soil

Analysis Batch: U021922

Client Sample ID: 383 Aspen-2

Prep Type: Total

Prep Batch: 11L2644\_P

| Analyte        | Sample Result | Sample Qualifier | Spike Added | Matrix Spike Dup Result | Matrix Spike Dup Qualifier | Unit      | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------------|---------------|------------------|-------------|-------------------------|----------------------------|-----------|---|------|--------------|-----|-----------|
| Benzene        | ND            |                  | 1.17        | 1.28                    |                            | mg/kg dry | ☹ | 110  | 31 - 143     | 4   | 50        |
| Ethylbenzene   | 0.420         |                  | 1.17        | 1.87                    |                            | mg/kg dry | ☹ | 124  | 23 - 161     | 6   | 50        |
| Naphthalene    | 4.59          |                  | 1.17        | 5.59                    |                            | mg/kg dry | ☹ | 85   | 10 - 176     | 3   | 50        |
| Toluene        | ND            |                  | 1.17        | 1.51                    |                            | mg/kg dry | ☹ | 129  | 30 - 155     | 5   | 50        |
| Xylenes, total | 1.31          |                  | 3.51        | 5.75                    |                            | mg/kg dry | ☹ | 127  | 25 - 162     | 4   | 50        |

| Surrogate             | Matrix Spike Dup %Recovery | Matrix Spike Dup Qualifier | Limits   |
|-----------------------|----------------------------|----------------------------|----------|
| 1,2-Dichloroethane-d4 | 86                         |                            | 70 - 130 |
| Dibromofluoromethane  | 90                         |                            | 70 - 130 |
| Toluene-d8            | 109                        |                            | 70 - 130 |
| 4-Bromofluorobenzene  | 116                        |                            | 70 - 130 |

# QC Sample Results

Client: EEG - Small Business Group, Inc. (2449)  
Project/Site: [none]

TestAmerica Job ID: NVL1361

## Method: SW846 8270D - Polyaromatic Hydrocarbons by EPA 8270D

Lab Sample ID: 11L2689-BLK1

Matrix: Soil

Analysis Batch: 11L2689

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11L2689\_P

| Analyte                  | Blank Result | Blank Qualifier | RL     | MDL    | Unit      | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------------|-----------------|--------|--------|-----------|---|----------------|----------------|---------|
| Acenaphthene             | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| Acenaphthylene           | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| Anthracene               | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| Benzo (a) anthracene     | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| Benzo (a) pyrene         | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| Benzo (b) fluoranthene   | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| Benzo (g,h,i) perylene   | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| Benzo (k) fluoranthene   | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| Chrysene                 | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| Dibenz (a,h) anthracene  | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| Fluoranthene             | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| Fluorene                 | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| Indeno (1,2,3-cd) pyrene | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| Naphthalene              | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| Phenanthrene             | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| Pyrene                   | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| 1-Methylnaphthalene      | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| 2-Methylnaphthalene      | ND           |                 | 0.0670 | 0.0340 | mg/kg wet |   | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |

| Surrogate        | Blank %Recovery | Blank Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------|-----------------|-----------------|----------|----------------|----------------|---------|
| Terphenyl-d14    | 89              |                 | 18 - 120 | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| 2-Fluorobiphenyl | 69              |                 | 14 - 120 | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |
| Nitrobenzene-d5  | 70              |                 | 17 - 120 | 12/10/11 14:07 | 12/13/11 10:51 | 1.00    |

Lab Sample ID: 11L2689-BS1

Matrix: Soil

Analysis Batch: 11L2689

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11L2689\_P

| Analyte                  | Spike Added | LCS Result | LCS Qualifier | Unit      | D | %Rec | %Rec. Limits |
|--------------------------|-------------|------------|---------------|-----------|---|------|--------------|
| Acenaphthene             | 1.67        | 1.42       |               | mg/kg wet |   | 85   | 36 - 120     |
| Acenaphthylene           | 1.67        | 1.25       |               | mg/kg wet |   | 75   | 38 - 120     |
| Anthracene               | 1.67        | 1.53       |               | mg/kg wet |   | 92   | 46 - 124     |
| Benzo (a) anthracene     | 1.67        | 1.53       |               | mg/kg wet |   | 92   | 45 - 120     |
| Benzo (a) pyrene         | 1.67        | 1.61       |               | mg/kg wet |   | 97   | 45 - 120     |
| Benzo (b) fluoranthene   | 1.67        | 1.46       |               | mg/kg wet |   | 88   | 42 - 120     |
| Benzo (g,h,i) perylene   | 1.67        | 1.49       |               | mg/kg wet |   | 89   | 38 - 120     |
| Benzo (k) fluoranthene   | 1.67        | 1.59       |               | mg/kg wet |   | 95   | 42 - 120     |
| Chrysene                 | 1.67        | 1.46       |               | mg/kg wet |   | 88   | 43 - 120     |
| Dibenz (a,h) anthracene  | 1.67        | 1.50       |               | mg/kg wet |   | 90   | 32 - 128     |
| Fluoranthene             | 1.67        | 1.56       |               | mg/kg wet |   | 93   | 46 - 120     |
| Fluorene                 | 1.67        | 1.46       |               | mg/kg wet |   | 88   | 42 - 120     |
| Indeno (1,2,3-cd) pyrene | 1.67        | 1.49       |               | mg/kg wet |   | 89   | 41 - 121     |
| Naphthalene              | 1.67        | 1.58       |               | mg/kg wet |   | 95   | 32 - 120     |
| Phenanthrene             | 1.67        | 1.49       |               | mg/kg wet |   | 89   | 45 - 120     |
| Pyrene                   | 1.67        | 1.49       |               | mg/kg wet |   | 89   | 43 - 120     |
| 1-Methylnaphthalene      | 1.67        | 1.21       |               | mg/kg wet |   | 72   | 32 - 120     |
| 2-Methylnaphthalene      | 1.67        | 1.50       |               | mg/kg wet |   | 90   | 28 - 120     |



# QC Sample Results

Client: EEG - Small Business Group, Inc. (2449)  
Project/Site: [none]

TestAmerica Job ID: NVL1361

## Method: SW846 8270D - Polyaromatic Hydrocarbons by EPA 8270D (Continued)

Lab Sample ID: 11L2689-BS1

Matrix: Soil

Analysis Batch: 11L2689

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11L2689\_P

| Surrogate        | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|------------------|------------------|------------------|----------|
| Terphenyl-d14    | 91               |                  | 18 - 120 |
| 2-Fluorobiphenyl | 68               |                  | 14 - 120 |
| Nitrobenzene-d5  | 68               |                  | 17 - 120 |

Lab Sample ID: 11L2689-MS1

Matrix: Soil

Analysis Batch: 11L2689

Client Sample ID: 383 Aspen-1

Prep Type: Total

Prep Batch: 11L2689\_P

|                          | Sample       | Sample       | Spike    | Matrix Spike | Matrix Spike |           |   | %Rec. |          |  |
|--------------------------|--------------|--------------|----------|--------------|--------------|-----------|---|-------|----------|--|
| Analyte                  | Result       | Qualifier    | Added    | Result       | Qualifier    | Unit      | D | %Rec  | Limits   |  |
| Acenaphthene             | ND           |              | 2.10     | 1.46         |              | mg/kg dry | ☼ | 70    | 19 - 120 |  |
| Acenaphthylene           | ND           |              | 2.10     | 1.30         |              | mg/kg dry | ☼ | 62    | 25 - 120 |  |
| Anthracene               | 0.156        |              | 2.10     | 1.65         |              | mg/kg dry | ☼ | 71    | 28 - 125 |  |
| Benzo (a) anthracene     | 0.0454       | J            | 2.10     | 1.61         |              | mg/kg dry | ☼ | 75    | 23 - 120 |  |
| Benzo (a) pyrene         | ND           |              | 2.10     | 1.63         |              | mg/kg dry | ☼ | 78    | 15 - 128 |  |
| Benzo (b) fluoranthene   | ND           |              | 2.10     | 1.60         |              | mg/kg dry | ☼ | 76    | 12 - 133 |  |
| Benzo (g,h,i) perylene   | ND           |              | 2.10     | 1.51         |              | mg/kg dry | ☼ | 72    | 22 - 120 |  |
| Benzo (k) fluoranthene   | ND           |              | 2.10     | 1.48         |              | mg/kg dry | ☼ | 71    | 28 - 120 |  |
| Chrysene                 | ND           |              | 2.10     | 1.50         |              | mg/kg dry | ☼ | 72    | 20 - 120 |  |
| Dibenz (a,h) anthracene  | ND           |              | 2.10     | 1.50         |              | mg/kg dry | ☼ | 72    | 12 - 128 |  |
| Fluoranthene             | 1.36         |              | 2.10     | 2.42         |              | mg/kg dry | ☼ | 50    | 10 - 143 |  |
| Fluorene                 | ND           |              | 2.10     | 1.55         |              | mg/kg dry | ☼ | 74    | 20 - 120 |  |
| Indeno (1,2,3-cd) pyrene | ND           |              | 2.10     | 1.48         |              | mg/kg dry | ☼ | 71    | 22 - 121 |  |
| Naphthalene              | ND           |              | 2.10     | 1.54         |              | mg/kg dry | ☼ | 74    | 10 - 120 |  |
| Phenanthrene             | 0.732        |              | 2.10     | 2.00         |              | mg/kg dry | ☼ | 60    | 21 - 122 |  |
| Pyrene                   | 0.956        |              | 2.10     | 2.19         |              | mg/kg dry | ☼ | 59    | 20 - 123 |  |
| 1-Methylnaphthalene      | ND           |              | 2.10     | 1.20         |              | mg/kg dry | ☼ | 57    | 10 - 120 |  |
| 2-Methylnaphthalene      | ND           |              | 2.10     | 1.48         |              | mg/kg dry | ☼ | 71    | 13 - 120 |  |
|                          | Matrix Spike | Matrix Spike |          |              |              |           |   |       |          |  |
| Surrogate                | %Recovery    | Qualifier    | Limits   |              |              |           |   |       |          |  |
| Terphenyl-d14            | 75           |              | 18 - 120 |              |              |           |   |       |          |  |
| 2-Fluorobiphenyl         | 57           |              | 14 - 120 |              |              |           |   |       |          |  |
| Nitrobenzene-d5          | 53           |              | 17 - 120 |              |              |           |   |       |          |  |

Lab Sample ID: 11L2689-MSD1

Matrix: Soil

Analysis Batch: 11L2689

Client Sample ID: 383 Aspen-1

Prep Type: Total

Prep Batch: 11L2689\_P

| Analyte                 | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | Matrix Spike Dup<br>Result | Matrix Spike Dup<br>Qualifier | Unit      | D | %Rec | Limits   | RPD | Limit |
|-------------------------|------------------|---------------------|----------------|----------------------------|-------------------------------|-----------|---|------|----------|-----|-------|
| Acenaphthene            | ND               |                     | 2.08           | 1.55                       |                               | mg/kg dry | ☼ | 75   | 19 - 120 | 6   | 50    |
| Acenaphthylene          | ND               |                     | 2.08           | 1.36                       |                               | mg/kg dry | ☼ | 66   | 25 - 120 | 5   | 50    |
| Anthracene              | 0.156            |                     | 2.08           | 1.72                       |                               | mg/kg dry | ☼ | 75   | 28 - 125 | 4   | 49    |
| Benzo (a) anthracene    | 0.0454           | J                   | 2.08           | 1.63                       |                               | mg/kg dry | ☼ | 76   | 23 - 120 | 1   | 50    |
| Benzo (a) pyrene        | ND               |                     | 2.08           | 1.67                       |                               | mg/kg dry | ☼ | 80   | 15 - 128 | 3   | 50    |
| Benzo (b) fluoranthene  | ND               |                     | 2.08           | 1.54                       |                               | mg/kg dry | ☼ | 74   | 12 - 133 | 4   | 50    |
| Benzo (g,h,i) perylene  | ND               |                     | 2.08           | 1.54                       |                               | mg/kg dry | ☼ | 74   | 22 - 120 | 2   | 50    |
| Benzo (k) fluoranthene  | ND               |                     | 2.08           | 1.63                       |                               | mg/kg dry | ☼ | 79   | 28 - 120 | 10  | 45    |
| Chrysene                | ND               |                     | 2.08           | 1.53                       |                               | mg/kg dry | ☼ | 74   | 20 - 120 | 2   | 49    |
| Dibenz (a,h) anthracene | ND               |                     | 2.08           | 1.53                       |                               | mg/kg dry | ☼ | 74   | 12 - 128 | 2   | 50    |
| Fluoranthene            | 1.36             |                     | 2.08           | 2.59                       |                               | mg/kg dry | ☼ | 59   | 10 - 143 | 7   | 50    |

## QC Sample Results

Client: EEG - Small Business Group, Inc. (2449)  
Project/Site: [none]

TestAmerica Job ID: NVL1361

### Method: SW846 8270D - Polyaromatic Hydrocarbons by EPA 8270D (Continued)

Lab Sample ID: 11L2689-MSD1

Matrix: Soil

Analysis Batch: 11L2689

Client Sample ID: 383 Aspen-1

Prep Type: Total

Prep Batch: 11L2689\_P

| Analyte                                  | Sample           | Sample           | Spike         | Matrix Spike Dup | Matrix Spike Dup | Unit      | D | %Rec | %Rec.    | RPD |       |
|--|------------------|------------------|---------------|------------------|------------------|-----------|---|------|----------|-----|-------|
|  | Result           | Qualifier        | Added         | Result           | Qualifier        |           |   |      | Limits   | RPD | Limit |
| Fluorene                                 | ND               |                  | 2.08          | 1.62             |                  | mg/kg dry | ☼ | 78   | 20 - 120 | 5   | 50    |
| Indeno (1,2,3-cd) pyrene                 | ND               |                  | 2.08          | 1.53             |                  | mg/kg dry | ☼ | 73   | 22 - 121 | 3   | 50    |
| Naphthalene                              | ND               |                  | 2.08          | 1.70             |                  | mg/kg dry | ☼ | 82   | 10 - 120 | 10  | 50    |
| Phenanthrene                             | 0.732            |                  | 2.08          | 2.19             |                  | mg/kg dry | ☼ | 70   | 21 - 122 | 9   | 50    |
| Pyrene                                   | 0.956            |                  | 2.08          | 2.29             |                  | mg/kg dry | ☼ | 64   | 20 - 123 | 5   | 50    |
| 1-Methylnaphthalene                      | ND               |                  | 2.08          | 1.29             |                  | mg/kg dry | ☼ | 62   | 10 - 120 | 7   | 50    |
| 2-Methylnaphthalene                      | ND               |                  | 2.08          | 1.60             |                  | mg/kg dry | ☼ | 77   | 13 - 120 | 7   | 50    |
| <b>Matrix Spike Dup Matrix Spike Dup</b> |                  |                  |               |                  |                  |           |   |      |          |     |       |
| <b>Surrogate</b>                         | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |                  |                  |           |   |      |          |     |       |
| Terphenyl-d14                            | 77               |                  | 18 - 120      |                  |                  |           |   |      |          |     |       |
| 2-Fluorobiphenyl                         | 60               |                  | 14 - 120      |                  |                  |           |   |      |          |     |       |
| Nitrobenzene-d5                          | 60               |                  | 17 - 120      |                  |                  |           |   |      |          |     |       |

### Method: SW-846 - General Chemistry Parameters

Lab Sample ID: 11L3551-DUP1

Matrix: Soil

Analysis Batch: 11L3551

Client Sample ID: Duplicate

Prep Type: Total

Prep Batch: 11L3551\_P

| Analyte      | Sample | Sample    | Duplicate | Duplicate | Unit | D | RPD | RPD   |    |
|--------------|--------|-----------|-----------|-----------|------|---|-----|-------|----|
|              | Result | Qualifier | Result    | Qualifier |      |   |     | Limit |    |
| % Dry Solids | 83.7   |           | 84.2      |           | %    |   |     | 0.5   | 20 |



## QC Association Summary

Client: EEG - Small Business Group, Inc. (2449)  
Project/Site: [none]

TestAmerica Job ID: NVL1361

### GCMS Volatiles

#### Analysis Batch: U021922

| Lab Sample ID    | Client Sample ID       | Prep Type | Matrix | Method      | Prep Batch |
|------------------|------------------------|-----------|--------|-------------|------------|
| 11L2644-BLK1     | Method Blank           | Total     | Soil   | SW846 8260B | 11L2644_P  |
| 11L2644-BLK2     | Method Blank           | Total     | Soil   | SW846 8260B | 11L2644_P  |
| 11L2644-BS1      | Lab Control Sample     | Total     | Soil   | SW846 8260B | 11L2644_P  |
| 11L2644-BSD1     | Lab Control Sample Dup | Total     | Soil   | SW846 8260B | 11L2644_P  |
| 11L2644-MS1      | 383 Aspen-2            | Total     | Soil   | SW846 8260B | 11L2644_P  |
| 11L2644-MSD1     | 383 Aspen-2            | Total     | Soil   | SW846 8260B | 11L2644_P  |
| NVL1361-01       | 383 Aspen-1            | Total     | Soil   | SW846 8260B | 11L2644_P  |
| NVL1361-02       | 383 Aspen-2            | Total     | Soil   | SW846 8260B | 11L2644_P  |
| NVL1361-02 - RE1 | 383 Aspen-2            | Total     | Soil   | SW846 8260B | 11L2644_P  |

#### Prep Batch: 11L2644\_P

| Lab Sample ID    | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|------------------|------------------------|-----------|--------|----------|------------|
| 11L2644-BLK1     | Method Blank           | Total     | Soil   | EPA 5035 |            |
| 11L2644-BLK2     | Method Blank           | Total     | Soil   | EPA 5035 |            |
| 11L2644-BS1      | Lab Control Sample     | Total     | Soil   | EPA 5035 |            |
| 11L2644-BSD1     | Lab Control Sample Dup | Total     | Soil   | EPA 5035 |            |
| 11L2644-MS1      | 383 Aspen-2            | Total     | Soil   | EPA 5035 |            |
| 11L2644-MSD1     | 383 Aspen-2            | Total     | Soil   | EPA 5035 |            |
| NVL1361-01       | 383 Aspen-1            | Total     | Soil   | EPA 5035 |            |
| NVL1361-02       | 383 Aspen-2            | Total     | Soil   | EPA 5035 |            |
| NVL1361-02 - RE1 | 383 Aspen-2            | Total     | Soil   | EPA 5035 |            |

### GCMS Semivolatiles

#### Analysis Batch: 11L2689

| Lab Sample ID | Client Sample ID   | Prep Type | Matrix | Method      | Prep Batch |
|---------------|--------------------|-----------|--------|-------------|------------|
| 11L2689-BLK1  | Method Blank       | Total     | Soil   | SW846 8270D | 11L2689_P  |
| 11L2689-BS1   | Lab Control Sample | Total     | Soil   | SW846 8270D | 11L2689_P  |
| 11L2689-MS1   | 383 Aspen-1        | Total     | Soil   | SW846 8270D | 11L2689_P  |
| 11L2689-MSD1  | 383 Aspen-1        | Total     | Soil   | SW846 8270D | 11L2689_P  |
| NVL1361-01    | 383 Aspen-1        | Total     | Soil   | SW846 8270D | 11L2689_P  |
| NVL1361-02    | 383 Aspen-2        | Total     | Soil   | SW846 8270D | 11L2689_P  |

#### Prep Batch: 11L2689\_P

| Lab Sample ID | Client Sample ID   | Prep Type | Matrix | Method    | Prep Batch |
|---------------|--------------------|-----------|--------|-----------|------------|
| 11L2689-BLK1  | Method Blank       | Total     | Soil   | EPA 3550C |            |
| 11L2689-BS1   | Lab Control Sample | Total     | Soil   | EPA 3550C |            |
| 11L2689-MS1   | 383 Aspen-1        | Total     | Soil   | EPA 3550C |            |
| 11L2689-MSD1  | 383 Aspen-1        | Total     | Soil   | EPA 3550C |            |
| NVL1361-01    | 383 Aspen-1        | Total     | Soil   | EPA 3550C |            |
| NVL1361-02    | 383 Aspen-2        | Total     | Soil   | EPA 3550C |            |

### Extractions

#### Analysis Batch: 11L3551

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 11L3551-DUP1  | Duplicate        | Total     | Soil   | SW-846 | 11L3551_P  |
| NVL1361-01    | 383 Aspen-1      | Total     | Soil   | SW-846 | 11L3551_P  |
| NVL1361-02    | 383 Aspen-2      | Total     | Soil   | SW-846 | 11L3551_P  |

## QC Association Summary

Client: EEG - Small Business Group, Inc. (2449)  
Project/Site: [none]

TestAmerica Job ID: NVL1361

### Extractions (Continued)

#### Prep Batch: 11L3551\_P

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 11L3551-DUP1  | Duplicate        | Total     | Soil   | % Solids |            |
| NVL1361-01    | 383 Aspen-1      | Total     | Soil   | % Solids |            |
| NVL1361-02    | 383 Aspen-2      | Total     | Soil   | % Solids |            |

## Lab Chronicle

Client: EEG - Small Business Group, Inc. (2449)  
Project/Site: [none]

TestAmerica Job ID: NVL1361

### Client Sample ID: 383 Aspen-1

Date Collected: 12/05/11 14:45

Date Received: 12/09/11 08:00

### Lab Sample ID: NVL1361-01

Matrix: Soil  
Percent Solids: 79

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total     | Prep       | EPA 5035     |     | 0.917           | 11L2644_P    | 12/05/11 14:45       | AAN     | TAL NSH |
| Total     | Analysis   | SW846 8260B  |     | 1.00            | U021922      | 12/13/11 13:17       | KKK     | TAL NSH |
| Total     | Prep       | EPA 3550C    |     | 0.970           | 11L2689_P    | 12/10/11 14:07       | AMJ     | TAL NSH |
| Total     | Analysis   | SW846 8270D  |     | 1.00            | 11L2689      | 12/13/11 14:56       | BES     | TAL NSH |
| Total     | Prep       | % Solids     |     | 1.00            | 11L3551_P    | 12/15/11 11:52       | RRS     | TAL NSH |
| Total     | Analysis   | SW-846       |     | 1.00            | 11L3551      | 12/16/11 09:54       | RRS     | TAL NSH |

### Client Sample ID: 383 Aspen-2

Date Collected: 12/06/11 09:45

Date Received: 12/09/11 08:00

### Lab Sample ID: NVL1361-02

Matrix: Soil  
Percent Solids: 81.1

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total     | Prep       | EPA 5035     |     | 0.762           | 11L2644_P    | 12/06/11 09:45       | AAN     | TAL NSH |
| Total     | Analysis   | SW846 8260B  |     | 1.00            | U021922      | 12/13/11 13:48       | KKK     | TAL NSH |
| Total     | Prep       | EPA 5035     | RE1 | 0.379           | 11L2644_P    | 12/06/11 09:45       | AAN     | TAL NSH |
| Total     | Analysis   | SW846 8260B  | RE1 | 50.0            | U021922      | 12/13/11 21:22       | KKK     | TAL NSH |
| Total     | Prep       | EPA 3550C    |     | 0.976           | 11L2689_P    | 12/10/11 14:07       | AMJ     | TAL NSH |
| Total     | Analysis   | SW846 8270D  |     | 20.0            | 11L2689      | 12/13/11 15:33       | BES     | TAL NSH |
| Total     | Prep       | % Solids     |     | 1.00            | 11L3551_P    | 12/15/11 11:52       | RRS     | TAL NSH |
| Total     | Analysis   | SW-846       |     | 1.00            | 11L3551      | 12/16/11 09:54       | RRS     | TAL NSH |

#### Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

## Method Summary

Client: EEG - Small Business Group, Inc. (2449)  
Project/Site: [none]

TestAmerica Job ID: NVL1361

| Method      | Method Description                             | Protocol | Laboratory |
|-------------|--|----------|------------|
| SW-846      | General Chemistry Parameters                   |          | TAL NSH    |
| SW846 8260B | Volatile Organic Compounds by EPA Method 8260B |          | TAL NSH    |
| SW846 8270D | Polyaromatic Hydrocarbons by EPA 8270D         |          | TAL NSH    |

### Protocol References:

### Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980



## Certification Summary

Client: EEG - Small Business Group, Inc. (2449)

TestAmerica Job ID: NVL1361

Project/Site: [none]

| Laboratory            | Authority      | Program             | EPA Region | Certification ID |
|-----------------------|----------------|---------------------|------------|------------------|
| TestAmerica Nashville |                | ACIL                |            | 393              |
| TestAmerica Nashville | A2LA           | ISO/IEC 17025       |            | 0453.07          |
| TestAmerica Nashville | A2LA           | WY UST              |            | 453.07           |
| TestAmerica Nashville | AIHA - LAP     | IHLAP               |            | 100790           |
| TestAmerica Nashville | Alabama        | State Program       | 4          | 41150            |
| TestAmerica Nashville | Alaska         | Alaska UST          | 10         | UST-087          |
| TestAmerica Nashville | Arizona        | State Program       | 9          | AZ0473           |
| TestAmerica Nashville | Arkansas       | State Program       | 6          | 88-0737          |
| TestAmerica Nashville | California     | NELAC               | 9          | 1168CA           |
| TestAmerica Nashville | Canada (CALA)  | Canada (CALA)       |            | 3744             |
| TestAmerica Nashville | Colorado       | State Program       | 8          | N/A              |
| TestAmerica Nashville | Connecticut    | State Program       | 1          | PH-0220          |
| TestAmerica Nashville | Florida        | NELAC               | 4          | E87358           |
| TestAmerica Nashville | Illinois       | NELAC               | 5          | 200010           |
| TestAmerica Nashville | Iowa           | State Program       | 7          | 131              |
| TestAmerica Nashville | Kansas         | NELAC               | 7          | E-10229          |
| TestAmerica Nashville | Kentucky       | Kentucky UST        | 4          | 19               |
| TestAmerica Nashville | Kentucky       | State Program       | 4          | 90038            |
| TestAmerica Nashville | Louisiana      | NELAC               | 6          | 30613            |
| TestAmerica Nashville | Louisiana      | NELAC               | 6          | LA100011         |
| TestAmerica Nashville | Maryland       | State Program       | 3          | 316              |
| TestAmerica Nashville | Massachusetts  | State Program       | 1          | M-TN032          |
| TestAmerica Nashville | Minnesota      | NELAC               | 5          | 047-999-345      |
| TestAmerica Nashville | Mississippi    | State Program       | 4          | N/A              |
| TestAmerica Nashville | Montana        | MT DEQ UST          | 8          | NA               |
| TestAmerica Nashville | New Hampshire  | NELAC               | 1          | 2963             |
| TestAmerica Nashville | New Jersey     | NELAC               | 2          | TN965            |
| TestAmerica Nashville | New York       | NELAC               | 2          | 11342            |
| TestAmerica Nashville | North Carolina | North Carolina DENR | 4          | 387              |
| TestAmerica Nashville | North Dakota   | State Program       | 8          | R-146            |
| TestAmerica Nashville | Ohio           | OVAP                | 5          | CL0033           |
| TestAmerica Nashville | Oklahoma       | State Program       | 6          | 9412             |
| TestAmerica Nashville | Oregon         | NELAC               | 10         | TN200001         |
| TestAmerica Nashville | Pennsylvania   | NELAC               | 3          | 68-00585         |
| TestAmerica Nashville | Rhode Island   | State Program       | 1          | LAO00268         |
| TestAmerica Nashville | South Carolina | State Program       | 4          | 84009            |
| TestAmerica Nashville | South Carolina | State Program       | 4          | 84009            |
| TestAmerica Nashville | Tennessee      | State Program       | 4          | 2008             |
| TestAmerica Nashville | Texas          | NELAC               | 6          | T104704077-09-TX |
| TestAmerica Nashville | USDA           | USDA                |            | S-48469          |
| TestAmerica Nashville | Utah           | NELAC               | 8          | TAN              |
| TestAmerica Nashville | Virginia       | NELAC Secondary AB  | 3          | 460152           |
| TestAmerica Nashville | Virginia       | State Program       | 3          | 00323            |
| TestAmerica Nashville | Washington     | State Program       | 10         | C789             |
| TestAmerica Nashville | West Virginia  | West Virginia DEP   | 3          | 219              |
| TestAmerica Nashville | Wisconsin      | State Program       | 5          | 998020430        |

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

12/23/11 23:59

THE LEADER IN ENVIRONMENTAL TESTING

**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 |
|--|-----|----|
| 1. Do you have a written policy for compliance monitoring?                                 |     |    |
| 2. Do you have a written procedure for compliance monitoring?                              |     |    |
| 3. Do you have a written plan for compliance monitoring?                                   |     |    |
| 4. Do you have a written report for compliance monitoring?                                 |     |    |
| 5. Do you have a written record for compliance monitoring?                                 |     |    |
| 6. Do you have a written summary for compliance monitoring?                                |     |    |
| 7. Do you have a written conclusion for compliance monitoring?                             |     |    |
| 8. Do you have a written recommendation for compliance monitoring?                         |     |    |
| 9. Do you have a written action plan for compliance monitoring?                            |     |    |
| 10. Do you have a written follow-up plan for compliance monitoring?                        |     |    |
| 11. Do you have a written evaluation plan for compliance monitoring?                       |     |    |
| 12. Do you have a written improvement plan for compliance monitoring?                      |     |    |
| 13. Do you have a written communication plan for compliance monitoring?                    |     |    |
| 14. Do you have a written training plan for compliance monitoring?                         |     |    |
| 15. Do you have a written documentation plan for compliance monitoring?                    |     |    |
| 16. Do you have a written reporting plan for compliance monitoring?                        |     |    |
| 17. Do you have a written review plan for compliance monitoring?                           |     |    |
| 18. Do you have a written audit plan for compliance monitoring?                            |     |    |
| 19. Do you have a written investigation plan for compliance monitoring?                    |     |    |
| 20. Do you have a written corrective action plan for compliance monitoring?                |     |    |
| 21. Do you have a written preventive action plan for compliance monitoring?                |     |    |
| 22. Do you have a written continuous improvement plan for compliance monitoring?           |     |    |
| 23. Do you have a written risk management plan for compliance monitoring?                  |     |    |
| 24. Do you have a written quality management plan for compliance monitoring?               |     |    |
| 25. Do you have a written environmental management plan for compliance monitoring?         |     |    |
| 26. Do you have a written occupational health and safety plan for compliance monitoring?   |     |    |
| 27. Do you have a written information management plan for compliance monitoring?           |     |    |
| 28. Do you have a written financial management plan for compliance monitoring?             |     |    |
| 29. Do you have a written human resources management plan for compliance monitoring?       |     |    |
| 30. Do you have a written legal management plan for compliance monitoring?                 |     |    |
| 31. Do you have a written ethical management plan for compliance monitoring?               |     |    |
| 32. Do you have a written social responsibility management plan for compliance monitoring? |     |    |
| 33. Do you have a written sustainability management plan for compliance monitoring?        |     |    |
| 34. Do you have a written corporate governance plan for compliance monitoring?             |     |    |
| 35. Do you have a written anti-corruption plan for compliance monitoring?                  |     |    |
| 36. Do you have a written anti-bribe plan for compliance monitoring?                       |     |    |
| 37. Do you have a written anti-fraud plan for compliance monitoring?                       |     |    |
| 38. Do you have a written anti-money laundering plan for compliance monitoring?            |     |    |
| 39. Do you have a written anti-terrorism plan for compliance monitoring?                   |     |    |
| 40. Do you have a written anti-prosecution plan for compliance monitoring?                 |     |    |
| 41. Do you have a written anti-regulation plan for compliance monitoring?                  |     |    |
| 42. Do you have a written anti-consumer protection plan for compliance monitoring?         |     |    |
| 43. Do you have a written anti-fair competition plan for compliance monitoring?            |     |    |
| 44. Do you have a written anti-unfair competition plan for compliance monitoring?          |     |    |
| 45. Do you have a written anti-trust plan for compliance monitoring?                       |     |    |
| 46. Do you have a written anti-cartel plan for compliance monitoring?                      |     |    |
| 47. Do you have a written anti-collusion plan for compliance monitoring?                   |     |    |
| 48. Do you have a written anti-abuse of dominance plan for compliance monitoring?          |     |    |
| 49. Do you have a written anti-competition plan for compliance monitoring?                 |     |    |
| 50. Do you have a written anti-anti-competition plan for compliance monitoring?            |     |    |

| Enforcement Action? | Yes | No |
|---------------------|-----|----|
|---------------------|-----|----|

Site State: SC

PO#: 1027

Fax No.: 843-579-0401

TA Quote #:

**Project ID:** Laurel Bay Housing Project

**Project #:**[illegible]

Laboratory Comments:

|                           |   |
|---------------------------|---|
| Temperature Upon Receipt: |   |
| VOCs Free of Headspace?   | Y |

19

ATTACHMENT A

# UST Certificate of Disposal

## CONTRACTOR

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

TEL (843) 879-0403  
FAX (843) 879-0401

## TANK ID & LOCATION

UST 383Aspen-1; 383 Aspen Street, Laurel Bay Housing Area, MCAS Beaufort, S.C.

## DISPOSAL LOCATION

Coastal Auto Salvage Co., Inc.  
130 Laurel Bay Road  
Beaufort, S.C. 29906

### TYPE OF TANK

### SIZE (GAL)

Steel

280

## CLEANING/DISPOSAL METHOD

The tank and piping were unearthed, cut open, cleaned with a pressure washer, cut into sections, and recycled.

## DISPOSAL CERTIFICATION

I certify that the above tank, piping and equipment has been properly cleaned and disposed of.

T. P. L. Lee , 1/11/12  
(Name) (Date)



# NON-HAZARDOUS MANIFEST

|  |  |                              |                                      |   |         |                                      |                   |                   |         |
|--|--|------------------------------|--------------------------------------|---|---------|--------------------------------------|-------------------|-------------------|---------|
| NON-HAZARDOUS MANIFEST   |  | 1. Generator's US EPA ID No. |                                      | Manifest Doc No.                                      |         | 2. Page 1 of 1                       |                   |                   |         |
| 3. Generator's Mailing Address:<br>MCAS, BEAUFORT<br>LAUREL BAY HOUSING<br>BEAUFORT, SC 29907<br>4. Generator's Phone 843-228-6461   |  |                              |                                      | Generator's Site Address (If different than mailing): |         | A. Manifest Number<br>WMNA 00316827  |                   |                   |         |
| 5. Transporter 1 Company Name<br>EEG, INC.   |  |                              |                                      | 6. US EPA ID Number                                   |         | B. State Generator's ID              |                   |                   |         |
| 7. Transporter 2 Company Name  |  |                              |                                      | 8. US EPA ID Number                                   |         | C. State Transporter's ID            |                   |                   |         |
| 9. Designated Facility Name and Site Address<br>HICKORY HILL LANDFILL<br>2621 LOW COUNTRY ROAD<br>RIDGELAND, SC 29936  |  |                              |                                      | 10. US EPA ID Number                                  |         | D. Transporter's Phone 843-879-0411  |                   |                   |         |
|  |  |                              |                                      |   |         | E. State Transporter's ID            |                   |                   |         |
|  |  |                              |                                      |   |         | F. Transporter's Phone               |                   |                   |         |
|  |  |                              |                                      |   |         | G. State Facility ID                 |                   |                   |         |
|  |  |                              |                                      |   |         | H. State Facility Phone 843-987-4643 |                   |                   |         |
| GENERATOR  | 11. Description of Waste Materials   |                              |                                      | 12. Containers  |         | 13. Total Quantity                   | 14. Unit Wt./Vol. | I. Misc. Comments |         |
|  |  |                              |                                      | No.   | Type    |                                      |                   |                   |         |
|  | a. HEATING OIL TANKS FILLED WITH SAND<br>WM Profile # 102655SC   |                              |                                      |   |         |                                      |                   |                   |         |
|  | b.<br>WM Profile #   |                              |                                      |   |         |                                      |                   |                   |         |
|  | c.<br>WM Profile #   |                              |                                      |   |         |                                      |                   |                   |         |
| TRANSPORTER  | d.<br>WM Profile #   |                              |                                      |   |         |                                      |                   |                   |         |
|  | J. Additional Descriptions for Materials Listed Above  |                              |                                      | K. Disposal Location                                  |         |                                      |                   |                   |         |
|  |  |                              |                                      | Cell  |         | Level                                |                   |                   |         |
|  |  |                              | Grid                                 |   |         |                                      |                   |                   |         |
| 15. Special Handling Instructions and Additional Information<br>457's from 2) 338 Ash-2 4) 370 Aspen ✓<br>1) 305 Ash ✓ 3) 328 Ash-2 ✓ 5) 383 Aspen-2 ✓   |  |                              |                                      |   |         |                                      |                   |                   |         |
| Purchase Order # EMERGENCY CONTACT / PHONE NO.:  |  |                              |                                      |   |         |                                      |                   |                   |         |
| 16. GENERATOR'S CERTIFICATE:<br>I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. |  |                              |                                      |   |         |                                      |                   |                   |         |
| Printed Name W.G. D... J.  |  |                              | Signature "On behalf of" [Signature] |   |         |                                      | Month 12          | Day 7             | Year 11 |
| TRANSPORTER  | 17. Transporter 1 Acknowledgement of Receipt of Materials  |                              |                                      |   |         |                                      |                   |                   |         |
|  | Printed Name James Baldwin   |                              | Signature [Signature]                |   | Month 1 | Day 4                                | Year 12           |                   |         |
| TRANSPORTER  | 18. Transporter 2 Acknowledgement of Receipt of Materials  |                              |                                      |   |         |                                      |                   |                   |         |
|  | Printed Name   |                              | Signature                            |   | Month   | Day                                  | Year              |                   |         |
| FACILITY   | 19. Certificate of Final Treatment/Disposal<br>I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. |                              |                                      |   |         |                                      |                   |                   |         |
|  | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.  |                              |                                      |   |         |                                      |                   |                   |         |
| Printed Name Tomi Coffield   |  |                              | Signature [Signature]                |   |         |                                      | Month 1           | Day 4             | Year 12 |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY

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

# Volatile Organic Compounds by GC/MS

|   |                                   |
|---|-----------------------------------|
| Client: <b>AECOM - Resolution Consultants</b> | Laboratory ID: <b>QE28007-013</b> |
| Description: <b>BEALB383TW02WG20150529</b>    | Matrix: <b>Aqueous</b>            |
| Date Sampled: <b>05/29/2015 0930</b>          |                                   |
| Date Received: <b>05/30/2015</b>              |                                   |

| Run | Prep Method | Analytical Method | Dilution | Analysis Date   | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------|-------|
| 1   | 5030B       | 8260B             | 1        | 06/02/2015 1339 | EH1     |           | 76315 |

| 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             | 0.86   | J | 5.0 | 0.51 | 0.17 | ug/L  | 1   |
| Naphthalene     | 91-20-3    | 8260B             | 9.1    |   | 5.0 | 0.96 | 0.32 | ug/L  | 1   |
| Toluene         | 108-88-3   | 8260B             | 0.48   | U | 5.0 | 0.48 | 0.16 | ug/L  | 1   |
| Xylenes (total) | 1330-20-7  | 8260B             | 4.2    | J | 5.0 | 0.57 | 0.19 | ug/L  | 1   |

| Surrogate             | Q | Run 1 % Recovery | Acceptance Limits |
|-----------------------|---|------------------|-------------------|
| Bromofluorobenzene    |   | 97               | 75-120            |
| 1,2-Dichloroethane-d4 |   | 91               | 70-120            |
| Toluene-d8            |   | 101              | 85-120            |
| Dibromofluoromethane  |   | 98               | 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: <b>AECOM - Resolution Consultants</b> | Laboratory ID: <b>QE28007-013</b> |
| Description: <b>BEALB383TW02WG20150529</b>    | Matrix: <b>Aqueous</b>            |
| Date Sampled: <b>05/29/2015 0930</b>          |                                   |
| Date Received: <b>05/30/2015</b>              |                                   |

| Run | Prep Method | Analytical Method | Dilution | Analysis Date   | Analyst | Prep Date       | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------------|-------|
| 1   | 3520C       | 8270D (SIM)       | 1        | 06/02/2015 1753 | RBH     | 06/01/2015 1430 | 76221 |

| 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 |   | 77               | 15-139            |
| Fluoranthene-d10        |   | 85               | 23-154            |

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

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## **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    |                      |
|                      |                      |
|                      |                      |