SUMMARY REPORT

950 WEST LAUREL BAY BOULEVARD (FORMERLY 153 WEST LAUREL BAY BOULEVARD)

LAUREL BAY MILITARY HOUSING AREA

MARINE CORPS AIR STATION BEAUFORT

BEAUFORT, SC

Revision: 0

Prepared for:

Department of the Navy

Naval Facilities Engineering Command, Mid-Atlantic

9324 Virginia Avenue

Norfolk, Virginia 23511-3095

and

Naval Facilities Engineering Command Atlantic

9324 Virginia Avenue

Norfolk, Virginia 23511-3095

JUNE 2021

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Prepared by:

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

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

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Appendices

List of Acronyms

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

1.0 INTRODUCTION

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

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

This report summarizes the results the environmental investigation activities associated with the storage of home heating oil and the potential release of petroleum constituents at the referenced property. Based on the results of the investigation, a No Further Action (NFA) determination has been made by the South Carolina Department of Health and Environmental Control (SCDHEC) for 950 West Laurel Bay Boulevard (Formerly 153 West Laurel Bay Boulevard). This NFA determination indicates that there are no unacceptable risks to human health or the environment for the petroleum constituents associated with the home heating oil USTs. The following information is included in this report:

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

1.1 Background Information

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

is bordered on the west by salt marshes and the Broad River, and to the north, east and south by uplands. Forested areas lie along the northern and northeastern borders.

Capehart style homes within the LBMH area were formerly heated using heating oil stored in USTs at each residence. There were 1,100 Capehart style housing units in the LBMH area. The newer duplex homes within the LBMH area never utilized heating oil tanks. Heating oil has not been used at Laurel Bay since the mid-1980s. As was the accepted practice at the time, USTs were drained, filled with dirt, capped, and left in place when they were removed from service. Residential USTs are not regulated in the State of South Carolina (i.e., there are no federal or state laws governing installation, management, or removal).

In 2007, MCAS Beaufort began a voluntary program to remove the unregulated, residential USTs and conduct sampling activities to determine if, and to what extent, petroleum constituents may have impacted the surrounding environment. MCAS Beaufort coordinated with SCDHEC to develop removal procedures that were consistent with procedural requirements for regulated USTs. All tank removal activities and follow-on actions are conducted in coordination with SCDHEC. To date, all known USTs have been removed from all residential properties within the LBMH area.

1.2 UST Removal and Assessment Process

During the UST removal process, a soil sample was collected from beneath the UST excavations (approximately 4 to 6 feet [ft] below ground surface [bgs]) and analyzed for a predetermined list of constituents of potential concern (COPCs) associated with the petroleum compounds found in home heating oil. These COPCs, derived from the *Quality Assurance Program Plan (QAPP) for the Underground Storage Tank Management Division, Revision 3.1* (SCDHEC, 2016) and the *Underground Storage Tank Assessment Instructions for Permanent Closure and Change-In-Service,* (SCDHEC, 2018), are as follows:

- benzene, toluene, ethylbenzene, and xylenes (BTEX),
- naphthalene, and
- five select polynuclear aromatic hydrocarbon (PAHs): benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and dibenz(a,h)anthracene.

Soil sample results were submitted by MCAS Beaufort to SCDHEC utilizing SCDHEC's UST Assessment Report form. In accordance with SCDHEC's *QAPP for the UST Management*

Division (SCDHEC, 2016), the soil screening levels consists of SCDHEC risk-based screening levels (RBSLs). It should be noted that the RBSLs for select PAHs were revised in Revision 2.0 of the QAPP (SCDHEC, 2013) and were revised again in Revision 3.0 (SCDHEC, 2015). The screening levels used for evaluation at each site were those levels that were in effect at the time of reporting and review by SCDHEC.

The results of the soil sampling at each former UST location were used to determine if a potential for groundwater contamination exists (i.e., soil results greater than RBSLs) and subsequently to select properties for follow-up initial groundwater assessment (IGWA) sampling. The results of the IGWA sampling (if necessary) are used to determine the presence or absence of the aforementioned COPCs in groundwater and identify whether former UST locations will require additional delineation of COPCs in groundwater. In order to delineate the extent of impact to groundwater, permanent wells are installed and a sampling program is established for those former UST locations where IGWA sampling has indicated the presence of COPCs in excess of the SCDHEC RBSLs for groundwater. Groundwater analytical results are also compared to the site specific groundwater vapor intrusion screening levels (VISLs) to evaluate the potential for vapor intrusion and the necessity for an investigation associated with this media. A multi-media investigation selection process tree, applicable to the LBMH UST investigations, is presented as Appendix A.

2.0 SAMPLING ACTIVITIES AND RESULTS

The following section presents the sampling activities and associated results for 950 West Laurel Bay Boulevard (Formerly 153 West Laurel Bay Boulevard). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 153 West Laurel Bay Boulevard* (MCAS Beaufort, 2011). The UST Assessment Report is provided in Appendix B.

2.1 UST Removal and Soil Sampling

On September 6, 2011, a single 280 gallon heating oil UST was removed from the landscaped area adjacent to the driveway at 950 West Laurel Bay Boulevard (Formerly 153 West Laurel Bay Boulevard). The former UST location is indicated on Figures 2 and 3 of the UST Assessment Report (Appendix B). The UST was removed and properly disposed of (i.e., shipped offsite for recycling or transported to a landfill). There was no visual evidence (i.e., staining or sheen) of petroleum impact at the time of the UST removal. According to the UST Assessment Report

(Appendix B), the depth to the base of the UST was 5'7" bgs and a single soil sample was collected from that depth.

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

2.2 Soil Analytical Results

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

The soil sample results were submitted by MCAS Beaufort to SCDHEC utilizing SCDHEC's UST Assessment Report form (Appendix B). The results of the soil sampling at the former UST location were used by MCAS Beaufort, in consultation with SCDHEC, to determine a path forward (i.e., additional sampling or NFA) for the property. The soil results collected from 950 West Laurel Bay Boulevard (Formerly 153 West Laurel Bay Boulevard) were less than the SCDHEC RBSLs, which indicated the subsurface was not impacted by COPCs associated with the former UST at concentrations that presented a potential risk to human health and the environment.

3.0 PROPERTY STATUS

Based on the analytical results for soil, SCDHEC made the determination that NFA was required for 950 West Laurel Bay Boulevard (153 West Laurel Bay Boulevard). This NFA determination was obtained in a letter dated July 1, 2015. SCDHEC's NFA letter is provided in Appendix C.

4.0 REFERENCES

Marine Corps Air Station Beaufort, 2011. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 153 West Laurel Bay Boulevard, Laurel Bay Military Housing Area*, December 2011.

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

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

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

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

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

Table

Table 1
Laboratory Analytical Results - Soil
950 West Laurel Bay Boulevard (Formerly 153 West Laurel Bay Boulevard)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs [(1)]	Results Sample Collected 09/22/11
Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)		
Benzene	0.003	ND
Ethylbenzene	1.15	ND
Naphthalene	0.036	ND
Toluene	0.627	ND
Xylenes, Total	13.01	ND
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (mg/kg)		
Benzo(a)anthracene	0.66	ND
Benzo(b)fluoranthene	0.66	ND
Benzo(k)fluoranthene	0.66	ND
Chrysene	0.66	ND
Dibenz(a,h)anthracene	0.66	ND

Notes:

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

Bold font indicates the analyte was detected.

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

EPA - United States Environmental Protection Agency

mg/kg - milligram per kilogram

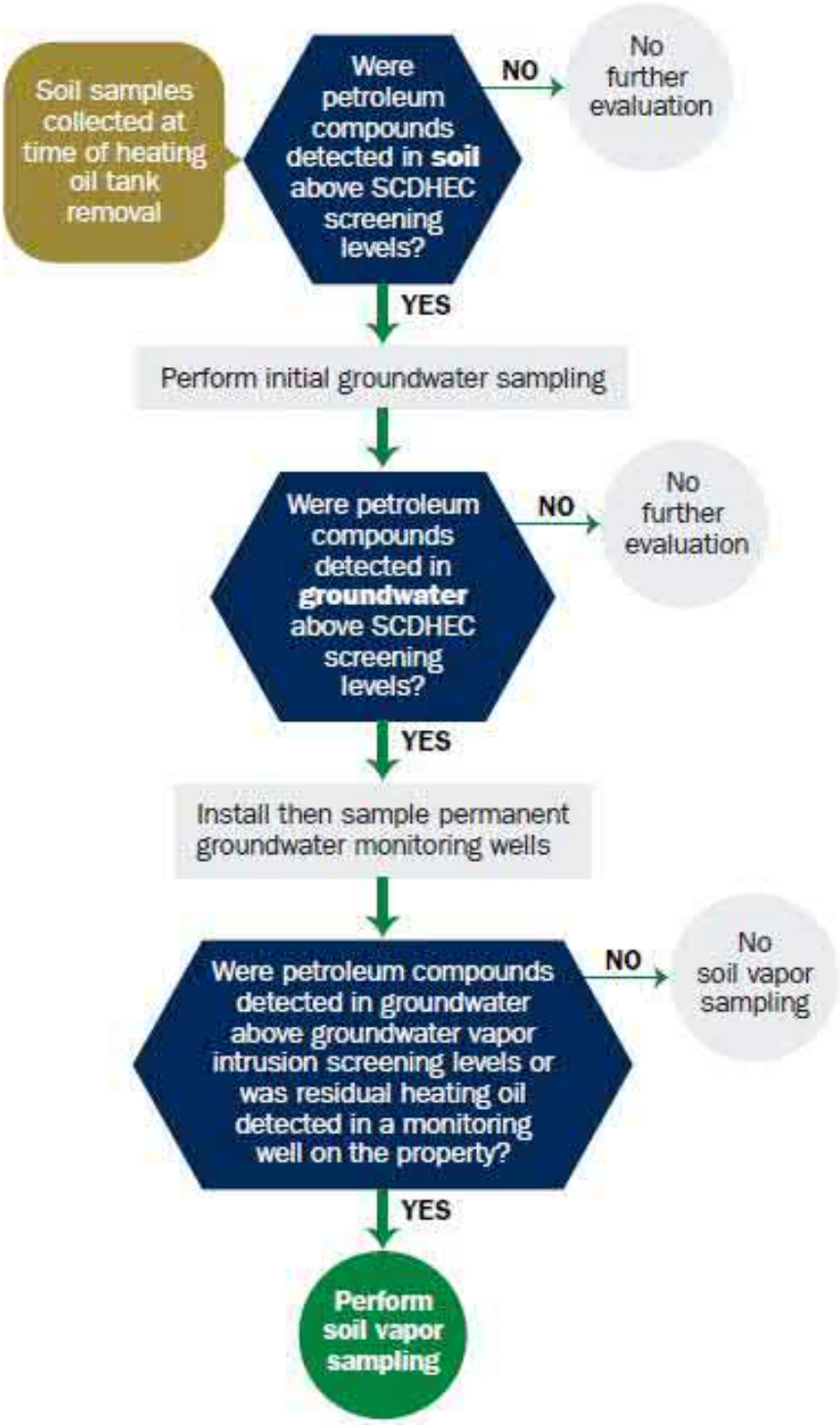
ND - not detected at the reporting limit (or method detection limit if shown on the laboratory report). The laboratory report is provided in Appendix B.

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

Appendix A
Multi-Media Selection Process for LBMH

CDM - AECOM
Multimedia Joint Venture



Appendix A - Multi-Media Selection Process for LBMH

Appendix B
UST Assessment Report

CDM - AECOM
Multimedia Joint Venture

Attachment 1

South Carolina Department of Health and Environmental Control (SCDHEC)

Underground Storage Tank (UST) Assessment Report

Date Received

State Use Only

RECEIVED

DEC 0 8 2011

SC DHEC - Bureau of Land & Waste Management

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

153 Laurel Bay Boulevard, 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).....	153LaurelBB	
B.	Capacity..(ex. 1k, 2k).....	Heating oil	
C.	Age.....	280 gal	
D.	Construction Material..(ex. Steel, FRP).....	Late 1950s	
E.	Month/Year of Last Use.....	Steel	
F.	Depth (ft.) To Base of Tank.....	Mid 80s	
G.	Spill Prevention Equipment Y/N.....	5'7"	
H.	Overfill Prevention Equipment Y/N.....	No	
I.	Method of Closure Removed/Filled.....	No	
J.	Date Tanks Removed/Filled.....	Removed	
K.	Visible Corrosion or Pitting Y/N.....	9/6/2011	
L.	Visible Holes Y/N.....	Yes	
		Yes	

M. Method of disposal for any USTs removed from the ground (attach disposal manifests)
UST 153LaurelBB was removed from the ground, and disposed at a Subtitle "D" landfill. See Attachment "A".

N. Method of disposal for any liquid petroleum, sludges, or wastewaters removed from the USTs (attach disposal manifests)
UST 153LaurelBB had been previously filled with sand by others.

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

VII. PIPING INFORMATION

153LaurelBB		
Steel & Copper		
N/A		
N/A		
Suction		
No		
Yes		
No		
Late 1950s		

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.

Steel vent piping for was corroded and pitted. All copper supply and return piping were sound.

VIII. BRIEF SITE DESCRIPTION AND HISTORY

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

IX. SITE CONDITIONS

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

X. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number 84009

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA #
153Laurel Bay-a	Excav at fill end	Soil	Sandy	5'7"	*9/22/11 0945 hrs	P. Shaw	
*UST 153Laurel BB's excavation was resampled at this later date. Due to shipping difficulties, temperature of the initial samples were unsatisfactory when they reached the testing facility.							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

* = Depth Below the Surrounding Land Surface

XI. SAMPLING METHODOLOGY

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

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

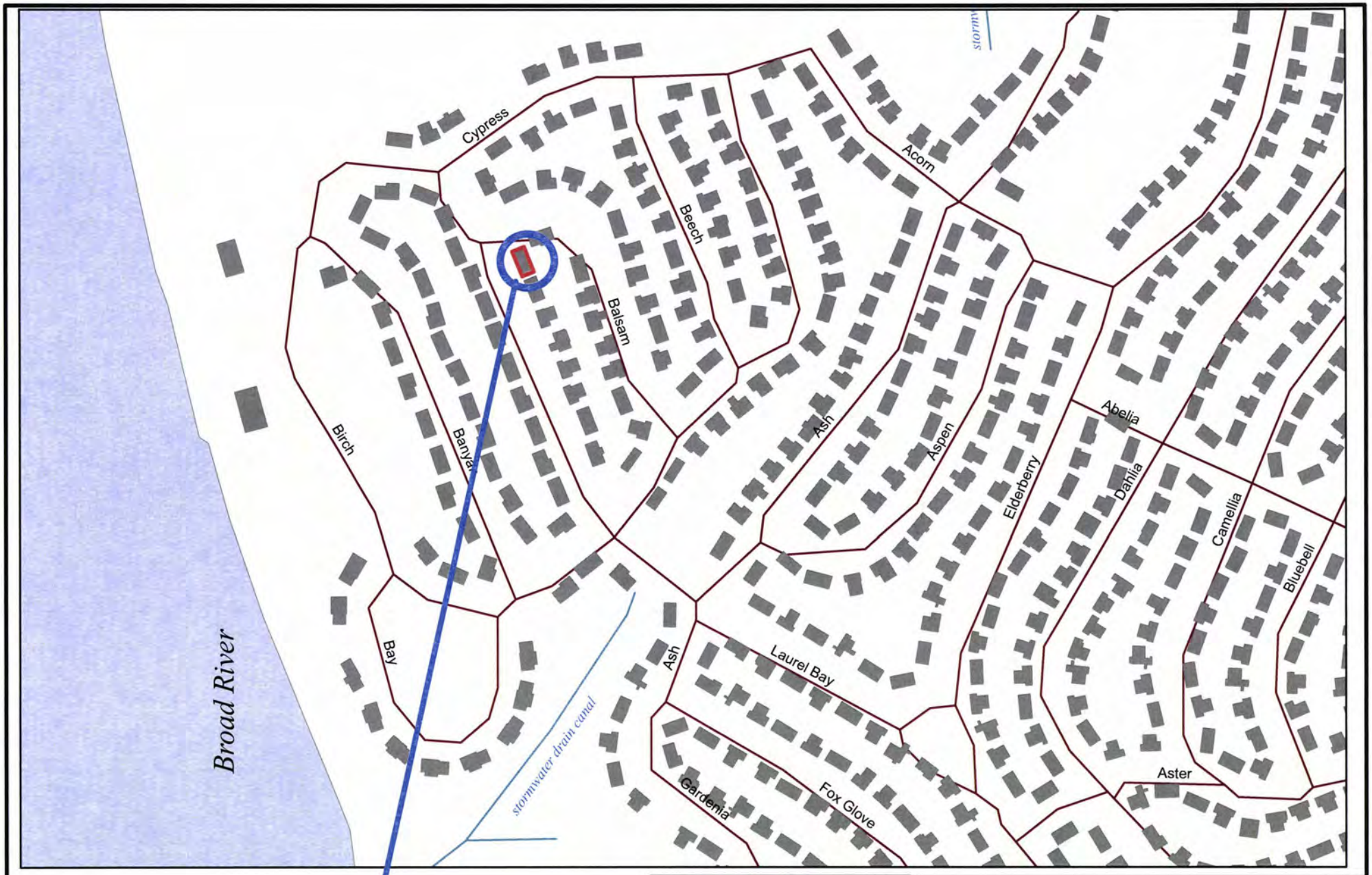
XII. RECEPTORS

	Yes	No
A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system? *Approx 970' to Broad River If yes, indicate type of receptor, distance, and direction on site map.	*X	
B. Are there any public, private, or irrigation water supply wells within 1000 feet of the UST system? If yes, indicate type of well, distance, and direction on site map.		X
C. Are there any underground structures (e.g., basements) Located within 100 feet of the UST system? If yes, indicate type of structure, distance, and direction on site map.		X
D. Are there any underground utilities (e.g., telephone, electricity, gas, water, sewer, storm drain) located within 100 feet of the UST system that could potentially come in contact with the contamination? *Sewer, water, electricity, cable & fiber optic If yes, indicate the type of utility, distance, and direction on the site map.	*X	
E. Has contaminated soil been identified at a depth less than 3 feet below land surface in an area that is not capped by asphalt or concrete? If yes, indicate the area of contaminated soil on the site map.		X

XIII. SITE MAP

You must supply a <u>scaled</u> 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)

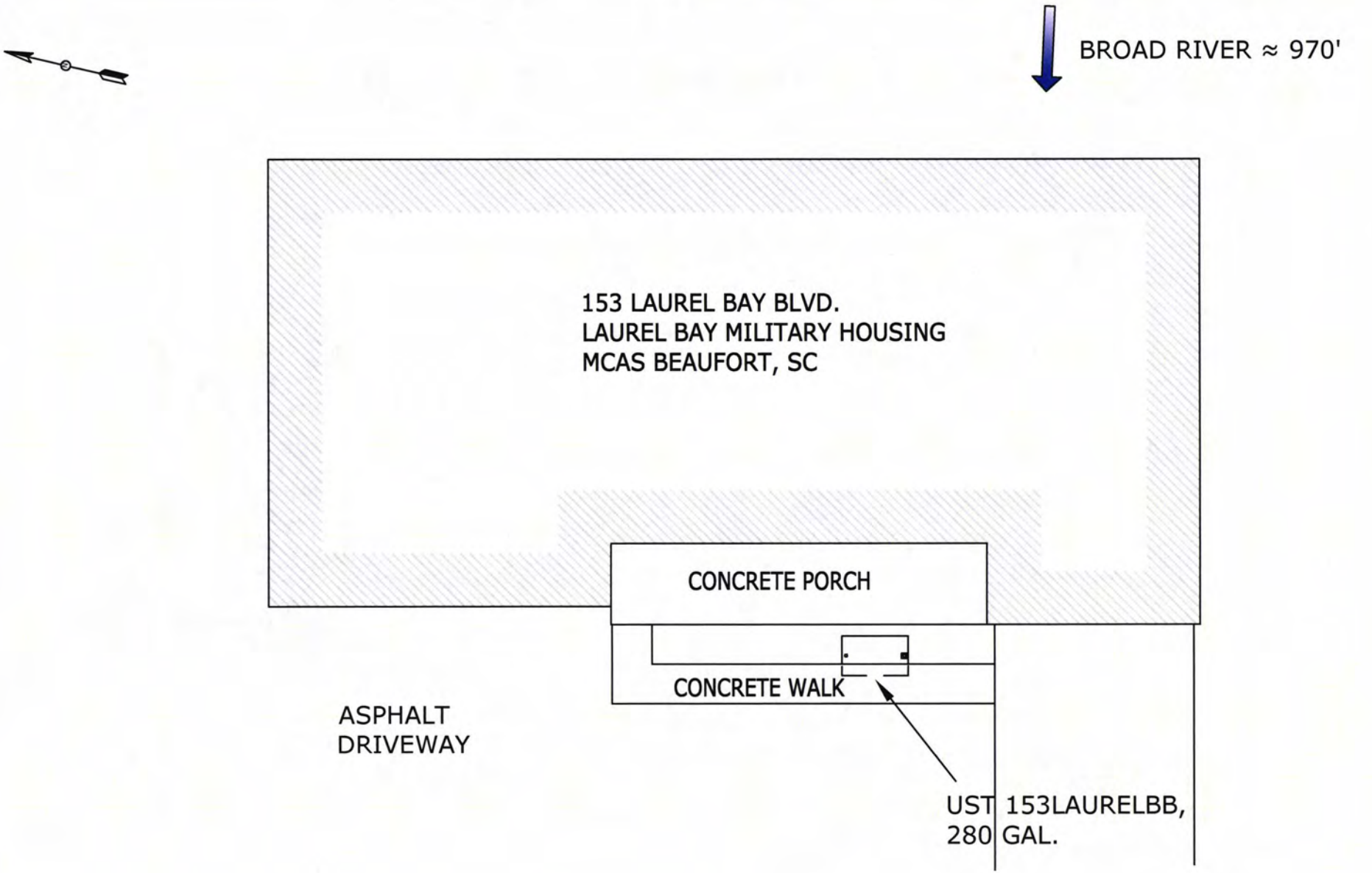


SBG-EEG, Inc.
398 E. 5th North Street, Suite C
Summerville SC 29483-6954
Ph. (843) 875-1930

Drawn By: L. DiAsio

Dwg Date: OCT 2011

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



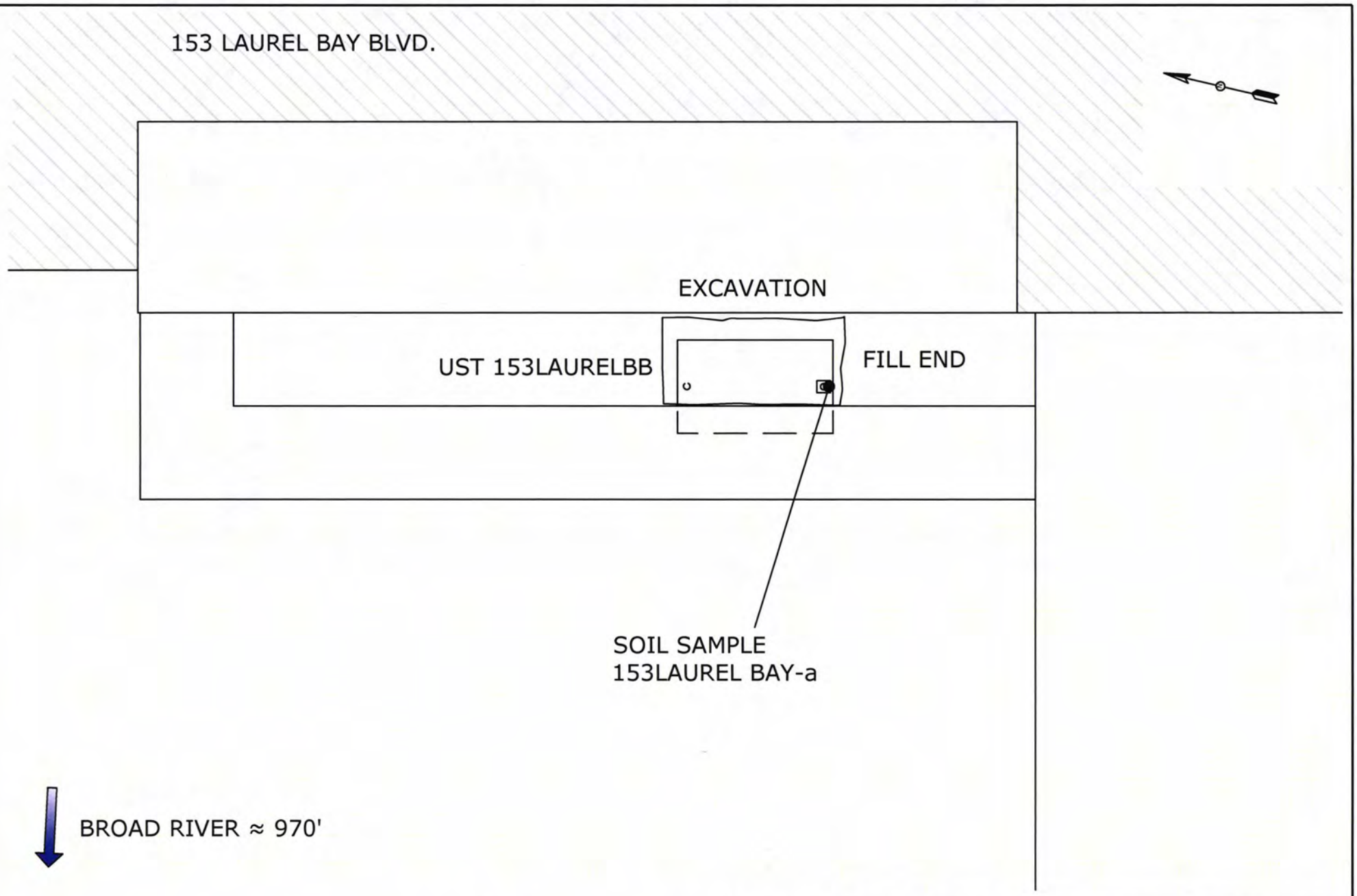
GRAPHIC SCALE

0 5' 10' 20'

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

FIGURE 2 SITE MAP
153 LAUREL BAY BLVD., LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC | DWG DATE OCT 2011



SBG-EEG

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

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

SCALE: GRAPHIC | DWG DATE OCT 2011

Picture 1: UST 153LaurelBB location.

Picture 2: UST 153LaurelBB excavation.

XIV. SUMMARY OF ANALYSIS RESULTS

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

CoC UST	153LaurelBB-a					
Benzene	ND					
Toluene	ND					
Ethylbenzene	ND					
Xylenes	ND					
Naphthalene	ND					
Benzo (a) anthracene	ND					
Benzo (b) fluoranthene	ND					
Benzo (k) fluoranthene	ND					
Chrysene	ND					
Dibenz (a, h) anthracene	ND					
TPH (EPA 3550)						

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

SUMMARY OF ANALYSIS RESULTS (cont'd)

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

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

XV. ANALYTICAL RESULTS

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

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

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: NUI3262
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

Authorized for release by:
10/10/2011 12:53:58 PM

Ken A. Hayes
Senior Project Manager
ken.hayes@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.

Table of Contents

Sample Summary

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

TestAmerica Job ID: NUI3262

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NUI3262-01	159 Cypress-1	Soil	09/19/11 13:00	09/24/11 09:00
NUI3262-02	159 Cypress-2	Soil	09/20/11 11:15	09/24/11 09:00
NUI3262-03	400 Elderberry	Soil	09/21/11 13:45	09/24/11 09:00
NUI3262-04	141 Laurel Bay-a	Soil	09/22/11 09:15	09/24/11 09:00
NUI3262-05	153 Laurel Bay-a	Soil	09/22/11 09:45	09/24/11 09:00
NUI3262-06	155 Laurel Bay-a	Soil	09/22/11 10:45	09/24/11 09:00

Definitions/Glossary

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

TestAmerica Job ID: NUI3262

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
RL1	Reporting limit raised due to sample matrix effects.

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

TestAmerica Job ID: NUI3262

Client Sample ID: 159 Cypress-1
Date Collected: 09/19/11 13:00
Date Received: 09/24/11 09:00

Lab Sample ID: NUI3262-01
Matrix: Soil
Percent Solids: 83.5

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	☼	09/19/11 13:00	09/28/11 14:02	1.00
Ethylbenzene	ND		0.00188	0.00103	mg/kg dry	☼	09/19/11 13:00	09/28/11 14:02	1.00
Naphthalene	ND		0.00470	0.00235	mg/kg dry	☼	09/19/11 13:00	09/28/11 14:02	1.00
Toluene	ND		0.00188	0.00103	mg/kg dry	☼	09/19/11 13:00	09/28/11 14:02	1.00
Xylenes, total	ND		0.00470	0.00235	mg/kg dry	☼	09/19/11 13:00	09/28/11 14:02	1.00

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*98*		*70 - 130*	*09/19/11 13:00*	*09/28/11 14:02*	*1.00*
Dibromofluoromethane	*95*		*70 - 130*	*09/19/11 13:00*	*09/28/11 14:02*	*1.00*
Toluene-d8	*100*		*70 - 130*	*09/19/11 13:00*	*09/28/11 14:02*	*1.00*
4-Bromofluorobenzene	*97*		*70 - 130*	*09/19/11 13:00*	*09/28/11 14:02*	*1.00*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00
Acenaphthylene	ND		0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00
Anthracene	ND		0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00
Benzo (a) anthracene	ND		0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00
Benzo (a) pyrene	ND		0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00
Benzo (b) fluoranthene	ND		0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00
Benzo (g,h,i) perylene	ND		0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00
Benzo (k) fluoranthene	ND		0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00
Chrysene	ND		0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00
Dibenz (a,h) anthracene	ND		0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00
Fluoranthene	ND		0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00
Fluorene	ND		0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00
Indeno (1,2,3-cd) pyrene	ND		0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00
Naphthalene	ND		0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00
Phenanthrene	ND		0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00
Pyrene	ND		0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00
1-Methylnaphthalene	**0.0433**	**J**	0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00
2-Methylnaphthalene	ND		0.0798	0.0405	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:06	1.00

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*71*		*18 - 120*	*09/27/11 07:57*	*09/28/11 04:06*	*1.00*
2-Fluorobiphenyl	*59*		*14 - 120*	*09/27/11 07:57*	*09/28/11 04:06*	*1.00*
Nitrobenzene-d5	*56*		*17 - 120*	*09/27/11 07:57*	*09/28/11 04:06*	*1.00*

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	**83.5**		0.500	0.500	%		09/28/11 10:28	09/29/11 11:06	1.00

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

TestAmerica Job ID: NUI3262

Client Sample ID: 159 Cypress-2
Date Collected: 09/20/11 11:15
Date Received: 09/24/11 09:00

Lab Sample ID: NUI3262-02
Matrix: Soil
Percent Solids: 95.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00223	0.00123	mg/kg dry	☼	09/20/11 11:15	09/30/11 14:18	1.00
Ethylbenzene	ND		0.00223	0.00123	mg/kg dry	☼	09/20/11 11:15	09/30/11 14:18	1.00
Toluene	ND		0.00223	0.00123	mg/kg dry	☼	09/20/11 11:15	09/30/11 14:18	1.00
Xylenes, total	ND		0.00557	0.00279	mg/kg dry	☼	09/20/11 11:15	09/30/11 14:18	1.00

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*106*		*70 - 130*	*09/20/11 11:15*	*09/30/11 14:18*	*1.00*
Dibromofluoromethane	*100*		*70 - 130*	*09/20/11 11:15*	*09/30/11 14:18*	*1.00*
Toluene-d8	*111*		*70 - 130*	*09/20/11 11:15*	*09/30/11 14:18*	*1.00*
4-Bromofluorobenzene	*147*	*ZX*	*70 - 130*	*09/20/11 11:15*	*09/30/11 14:18*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND	RL1	0.323	0.161	mg/kg dry	☼	09/20/11 11:15	09/30/11 14:49	50.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*99*		*70 - 130*	*09/20/11 11:15*	*09/30/11 14:49*	*50.0*
Dibromofluoromethane	*91*		*70 - 130*	*09/20/11 11:15*	*09/30/11 14:49*	*50.0*
Toluene-d8	*97*		*70 - 130*	*09/20/11 11:15*	*09/30/11 14:49*	*50.0*
4-Bromofluorobenzene	*98*		*70 - 130*	*09/20/11 11:15*	*09/30/11 14:49*	*50.0*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00
Acenaphthylene	ND		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00
Anthracene	ND		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00
Benzo (a) anthracene	ND		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00
Benzo (a) pyrene	**0.0783**		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00
Benzo (b) fluoranthene	ND		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00
Benzo (g,h,i) perylene	**0.0695**		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00
Benzo (k) fluoranthene	ND		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00
Chrysene	ND		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00
Dibenz (a,h) anthracene	ND		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00
Fluoranthene	ND		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00
Fluorene	ND		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00
Indeno (1,2,3-cd) pyrene	ND		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00
Naphthalene	ND		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00
Phenanthrene	ND		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00
Pyrene	ND		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00
1-Methylnaphthalene	ND		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00
2-Methylnaphthalene	ND		0.0685	0.0347	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:27	1.00

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*66*		*18 - 120*	*09/27/11 07:57*	*09/28/11 04:27*	*1.00*
2-Fluorobiphenyl	*51*		*14 - 120*	*09/27/11 07:57*	*09/28/11 04:27*	*1.00*
Nitrobenzene-d5	*51*		*17 - 120*	*09/27/11 07:57*	*09/28/11 04:27*	*1.00*

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	**95.9**		0.500	0.500	%		09/28/11 10:28	09/29/11 11:06	1.00

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

TestAmerica Job ID: NUI3262

Client Sample ID: 400 Elderberry
Date Collected: 09/21/11 13:45
Date Received: 09/24/11 09:00

Lab Sample ID: NUI3262-03
Matrix: Soil
Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00245	0.00135	mg/kg dry	☼	09/21/11 13:45	09/28/11 15:04	1.00
Ethylbenzene	ND		0.00245	0.00135	mg/kg dry	☼	09/21/11 13:45	09/28/11 15:04	1.00
Naphthalene	ND		0.00613	0.00306	mg/kg dry	☼	09/21/11 13:45	09/28/11 15:04	1.00
Toluene	ND		0.00245	0.00135	mg/kg dry	☼	09/21/11 13:45	09/28/11 15:04	1.00
Xylenes, total	ND		0.00613	0.00306	mg/kg dry	☼	09/21/11 13:45	09/28/11 15:04	1.00

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*99*		*70 - 130*	*09/21/11 13:45*	*09/28/11 15:04*	*1.00*
Dibromofluoromethane	*98*		*70 - 130*	*09/21/11 13:45*	*09/28/11 15:04*	*1.00*
Toluene-d8	*105*		*70 - 130*	*09/21/11 13:45*	*09/28/11 15:04*	*1.00*
4-Bromofluorobenzene	*117*		*70 - 130*	*09/21/11 13:45*	*09/28/11 15:04*	*1.00*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00
Acenaphthylene	ND		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00
Anthracene	**0.322**		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00
Benzo (a) anthracene	**2.04**		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00
Benzo (a) pyrene	**0.940**		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00
Benzo (b) fluoranthene	**1.53**		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00
Benzo (g,h,i) perylene	**0.387**		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00
Benzo (k) fluoranthene	**0.959**		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00
Chrysene	**2.42**		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00
Dibenz (a,h) anthracene	**0.186**		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00
Fluoranthene	**4.09**		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00
Fluorene	ND		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00
Indeno (1,2,3-cd) pyrene	**0.407**		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00
Naphthalene	ND		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00
Phenanthrene	**1.18**		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00
Pyrene	**3.44**		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00
1-Methylnaphthalene	ND		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00
2-Methylnaphthalene	ND		0.0788	0.0400	mg/kg dry	☼	09/27/11 07:57	09/28/11 04:47	1.00

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*72*		*18 - 120*	*09/27/11 07:57*	*09/28/11 04:47*	*1.00*
2-Fluorobiphenyl	*62*		*14 - 120*	*09/27/11 07:57*	*09/28/11 04:47*	*1.00*
Nitrobenzene-d5	*61*		*17 - 120*	*09/27/11 07:57*	*09/28/11 04:47*	*1.00*

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	**82.7**		0.500	0.500	%		09/28/11 10:28	09/29/11 11:06	1.00

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

TestAmerica Job ID: NUI3262

Client Sample ID: 141 Laurel Bay-a
Date Collected: 09/22/11 09:15
Date Received: 09/24/11 09:00

Lab Sample ID: NUI3262-04
Matrix: Soil
Percent Solids: 77.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00195	0.00107	mg/kg dry	☼	09/22/11 09:15	09/28/11 15:36	1.00
Ethylbenzene	**0.0293**		0.00195	0.00107	mg/kg dry	☼	09/22/11 09:15	09/28/11 15:36	1.00
Toluene	ND		0.00195	0.00107	mg/kg dry	☼	09/22/11 09:15	09/28/11 15:36	1.00
Xylenes, total	**0.0391**		0.00487	0.00243	mg/kg dry	☼	09/22/11 09:15	09/28/11 15:36	1.00

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*97*		*70 - 130*	*09/22/11 09:15*	*09/28/11 15:36*	*1.00*
Dibromofluoromethane	*97*		*70 - 130*	*09/22/11 09:15*	*09/28/11 15:36*	*1.00*
Toluene-d8	*108*		*70 - 130*	*09/22/11 09:15*	*09/28/11 15:36*	*1.00*
4-Bromofluorobenzene	*141*	*ZX*	*70 - 130*	*09/22/11 09:15*	*09/28/11 15:36*	*1.00*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**1.94**		0.246	0.123	mg/kg dry	☼	09/22/11 09:15	09/30/11 17:56	50.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*101*		*70 - 130*	*09/22/11 09:15*	*09/30/11 17:56*	*50.0*
Dibromofluoromethane	*87*		*70 - 130*	*09/22/11 09:15*	*09/30/11 17:56*	*50.0*
Toluene-d8	*99*		*70 - 130*	*09/22/11 09:15*	*09/30/11 17:56*	*50.0*
4-Bromofluorobenzene	*95*		*70 - 130*	*09/22/11 09:15*	*09/30/11 17:56*	*50.0*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.137**		0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00
Acenaphthylene	ND		0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00
Anthracene	**0.185**		0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00
Benzo (a) anthracene	**0.455**		0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00
Benzo (a) pyrene	**0.220**		0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00
Benzo (b) fluoranthene	**0.262**		0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00
Benzo (g,h,i) perylene	**0.0634**	**J**	0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00
Benzo (k) fluoranthene	**0.218**		0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00
Chrysene	**0.366**		0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00
Dibenz (a,h) anthracene	ND		0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00
Fluoranthene	**1.14**		0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00
Fluorene	**0.289**		0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00
Indeno (1,2,3-cd) pyrene	**0.0702**	**J**	0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00
Naphthalene	**0.197**		0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00
Phenanthrene	**1.04**		0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00
Pyrene	**1.03**		0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00
1-Methylnaphthalene	**0.743**		0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00
2-Methylnaphthalene	**1.27**		0.0855	0.0434	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:08	1.00

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*78*		*18 - 120*	*09/27/11 07:57*	*09/28/11 05:08*	*1.00*
2-Fluorobiphenyl	*60*		*14 - 120*	*09/27/11 07:57*	*09/28/11 05:08*	*1.00*
Nitrobenzene-d5	*57*		*17 - 120*	*09/27/11 07:57*	*09/28/11 05:08*	*1.00*

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	**77.6**		0.500	0.500	%		09/28/11 10:28	09/29/11 11:06	1.00

Client Sample Results

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

TestAmerica Job ID: NUI3262

Client Sample ID: 153 Laurel Bay-a
Date Collected: 09/22/11 09:45
Date Received: 09/24/11 09:00

Lab Sample ID: NUI3262-05
Matrix: Soil
Percent Solids: 77.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00222	0.00122	mg/kg dry	☼	09/22/11 09:45	09/28/11 16:07	1.00
Ethylbenzene	ND		0.00222	0.00122	mg/kg dry	☼	09/22/11 09:45	09/28/11 16:07	1.00
Naphthalene	ND		0.00556	0.00278	mg/kg dry	☼	09/22/11 09:45	09/28/11 16:07	1.00
Toluene	ND		0.00222	0.00122	mg/kg dry	☼	09/22/11 09:45	09/28/11 16:07	1.00
Xylenes, total	ND		0.00556	0.00278	mg/kg dry	☼	09/22/11 09:45	09/28/11 16:07	1.00

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*87*		*70 - 130*	*09/22/11 09:45*	*09/28/11 16:07*	*1.00*
Dibromofluoromethane	*91*		*70 - 130*	*09/22/11 09:45*	*09/28/11 16:07*	*1.00*
Toluene-d8	*104*		*70 - 130*	*09/22/11 09:45*	*09/28/11 16:07*	*1.00*
4-Bromofluorobenzene	*100*		*70 - 130*	*09/22/11 09:45*	*09/28/11 16:07*	*1.00*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00
Acenaphthylene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00
Anthracene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00
Benzo (a) anthracene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00
Benzo (a) pyrene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00
Benzo (b) fluoranthene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00
Benzo (g,h,i) perylene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00
Benzo (k) fluoranthene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00
Chrysene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00
Dibenz (a,h) anthracene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00
Fluoranthene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00
Fluorene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00
Indeno (1,2,3-cd) pyrene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00
Naphthalene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00
Phenanthrene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00
Pyrene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00
1-Methylnaphthalene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00
2-Methylnaphthalene	ND		0.0847	0.0430	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:30	1.00

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*68*		*18 - 120*	*09/27/11 07:57*	*09/28/11 05:30*	*1.00*
2-Fluorobiphenyl	*52*		*14 - 120*	*09/27/11 07:57*	*09/28/11 05:30*	*1.00*
Nitrobenzene-d5	*52*		*17 - 120*	*09/27/11 07:57*	*09/28/11 05:30*	*1.00*

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	**77.9**		0.500	0.500	%		09/28/11 10:28	09/29/11 11:06	1.00

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

TestAmerica Job ID: NUI3262

Client Sample ID: 155 Laurel Bay-a
Date Collected: 09/22/11 10:45
Date Received: 09/24/11 09:00

Lab Sample ID: NUI3262-06
Matrix: Soil
Percent Solids: 88.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00265	0.00146	mg/kg dry	☼	09/22/11 10:45	09/28/11 16:38	1.00
Ethylbenzene	ND		0.00265	0.00146	mg/kg dry	☼	09/22/11 10:45	09/28/11 16:38	1.00
Naphthalene	ND		0.00663	0.00332	mg/kg dry	☼	09/22/11 10:45	09/28/11 16:38	1.00
Toluene	ND		0.00265	0.00146	mg/kg dry	☼	09/22/11 10:45	09/28/11 16:38	1.00
Xylenes, total	ND		0.00663	0.00332	mg/kg dry	☼	09/22/11 10:45	09/28/11 16:38	1.00

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*101*		*70 - 130*	*09/22/11 10:45*	*09/28/11 16:38*	*1.00*
Dibromofluoromethane	*97*		*70 - 130*	*09/22/11 10:45*	*09/28/11 16:38*	*1.00*
Toluene-d8	*100*		*70 - 130*	*09/22/11 10:45*	*09/28/11 16:38*	*1.00*
4-Bromofluorobenzene	*97*		*70 - 130*	*09/22/11 10:45*	*09/28/11 16:38*	*1.00*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00
Acenaphthylene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00
Anthracene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00
Benzo (a) anthracene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00
Benzo (a) pyrene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00
Benzo (b) fluoranthene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00
Benzo (g,h,i) perylene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00
Benzo (k) fluoranthene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00
Chrysene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00
Dibenz (a,h) anthracene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00
Fluoranthene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00
Fluorene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00
Indeno (1,2,3-cd) pyrene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00
Naphthalene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00
Phenanthrene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00
Pyrene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00
1-Methylnaphthalene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00
2-Methylnaphthalene	ND		0.0751	0.0381	mg/kg dry	☼	09/27/11 07:57	09/28/11 05:50	1.00

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*77*		*18 - 120*	*09/27/11 07:57*	*09/28/11 05:50*	*1.00*
2-Fluorobiphenyl	*62*		*14 - 120*	*09/27/11 07:57*	*09/28/11 05:50*	*1.00*
Nitrobenzene-d5	*63*		*17 - 120*	*09/27/11 07:57*	*09/28/11 05:50*	*1.00*

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	**88.1**		0.500	0.500	%		09/28/11 10:28	09/29/11 11:06	1.00

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

TestAmerica Job ID: NUI3262

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

Lab Sample ID: 11I5281-BLK1
Matrix: Soil
Analysis Batch: U017358

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11I5281_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00200	0.00110	mg/kg wet		09/28/11 09:51	09/28/11 11:56	1.00
Ethylbenzene	ND		0.00200	0.00110	mg/kg wet		09/28/11 09:51	09/28/11 11:56	1.00
Naphthalene	ND		0.00500	0.00250	mg/kg wet		09/28/11 09:51	09/28/11 11:56	1.00
Toluene	ND		0.00200	0.00110	mg/kg wet		09/28/11 09:51	09/28/11 11:56	1.00
Xylenes, total	ND		0.00500	0.00250	mg/kg wet		09/28/11 09:51	09/28/11 11:56	1.00

Surrogate	*Blank % Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*99*		*70 - 130*	*09/28/11 09:51*	*09/28/11 11:56*	*1.00*
Dibromofluoromethane	*98*		*70 - 130*	*09/28/11 09:51*	*09/28/11 11:56*	*1.00*
Toluene-d8	*101*		*70 - 130*	*09/28/11 09:51*	*09/28/11 11:56*	*1.00*
4-Bromofluorobenzene	*97*		*70 - 130*	*09/28/11 09:51*	*09/28/11 11:56*	*1.00*

Lab Sample ID: 11I5281-BLK2
Matrix: Soil
Analysis Batch: U017358

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11I5281_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.100	0.0550	mg/kg wet		09/28/11 09:51	09/28/11 12:27	50.0
Ethylbenzene	ND		0.100	0.0550	mg/kg wet		09/28/11 09:51	09/28/11 12:27	50.0
Naphthalene	ND		0.250	0.125	mg/kg wet		09/28/11 09:51	09/28/11 12:27	50.0
Toluene	ND		0.100	0.0550	mg/kg wet		09/28/11 09:51	09/28/11 12:27	50.0
Xylenes, total	ND		0.250	0.125	mg/kg wet		09/28/11 09:51	09/28/11 12:27	50.0

Surrogate	*Blank % Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*99*		*70 - 130*	*09/28/11 09:51*	*09/28/11 12:27*	*50.0*
Dibromofluoromethane	*97*		*70 - 130*	*09/28/11 09:51*	*09/28/11 12:27*	*50.0*
Toluene-d8	*100*		*70 - 130*	*09/28/11 09:51*	*09/28/11 12:27*	*50.0*
4-Bromofluorobenzene	*97*		*70 - 130*	*09/28/11 09:51*	*09/28/11 12:27*	*50.0*

Lab Sample ID: 11I5281-BS1
Matrix: Soil
Analysis Batch: U017358

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11I5281_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene	50.0	54.4		ug/kg		109	75 - 127
Ethylbenzene	50.0	57.4		ug/kg		115	80 - 134
Naphthalene	50.0	57.3		ug/kg		115	69 - 150
Toluene	50.0	56.8		ug/kg		114	80 - 132
Xylenes, total	150	174		ug/kg		116	80 - 137

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4	*98*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8	*101*		*70 - 130*
4-Bromofluorobenzene	*96*		*70 - 130*

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

Lab Sample ID: 11I5281-MS1
Matrix: Soil
Analysis Batch: U017358

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 11I5281_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene	1.94		2.18	4.98		mg/kg wet		139	31 - 143
Ethylbenzene	10.7		2.18	14.3	M1	mg/kg wet		165	23 - 161
Naphthalene	6.46		2.18	10.6	M1	mg/kg wet		191	10 - 176
Toluene	0.118		2.18	2.84		mg/kg wet		125	30 - 155
Xylenes, total	1.20		6.54	9.57		mg/kg wet		128	25 - 162

Surrogate	*Matrix Spike % Recovery*	*Matrix Spike Qualifier*	*Limits*
1,2-Dichloroethane-d4	*107*		*70 - 130*
Dibromofluoromethane	*96*		*70 - 130*
Toluene-d8	*177*	*ZX*	*70 - 130*
4-Bromofluorobenzene	*131*	*ZX*	*70 - 130*

Lab Sample ID: 11I5281-MSD1
Matrix: Soil
Analysis Batch: U017358

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total
Prep Batch: 11I5281_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	1.94		2.18	4.77		mg/kg wet		130	31 - 143	4	50
Ethylbenzene	10.7		2.18	13.9		mg/kg wet		146	23 - 161	3	50
Naphthalene	6.46		2.18	10.7	M1	mg/kg wet		195	10 - 176	0.7	50
Toluene	0.118		2.18	2.66		mg/kg wet		116	30 - 155	7	50
Xylenes, total	1.20		6.54	9.25		mg/kg wet		123	25 - 162	3	50

Surrogate	*Matrix Spike Dup % Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
1,2-Dichloroethane-d4	*111*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8	*171*	*ZX*	*70 - 130*
4-Bromofluorobenzene	*136*	*ZX*	*70 - 130*

Lab Sample ID: 11I6327-BLK1
Matrix: Soil
Analysis Batch: U017446

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11I6327_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00200	0.00110	mg/kg wet		09/30/11 10:09	09/30/11 12:14	1.00
Ethylbenzene	ND		0.00200	0.00110	mg/kg wet		09/30/11 10:09	09/30/11 12:14	1.00
Naphthalene	ND		0.00500	0.00250	mg/kg wet		09/30/11 10:09	09/30/11 12:14	1.00
Toluene	ND		0.00200	0.00110	mg/kg wet		09/30/11 10:09	09/30/11 12:14	1.00
Xylenes, total	ND		0.00500	0.00250	mg/kg wet		09/30/11 10:09	09/30/11 12:14	1.00

Surrogate	*Blank % Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*96*		*70 - 130*	*09/30/11 10:09*	*09/30/11 12:14*	*1.00*
Dibromofluoromethane	*97*		*70 - 130*	*09/30/11 10:09*	*09/30/11 12:14*	*1.00*
Toluene-d8	*101*		*70 - 130*	*09/30/11 10:09*	*09/30/11 12:14*	*1.00*
4-Bromofluorobenzene	*97*		*70 - 130*	*09/30/11 10:09*	*09/30/11 12:14*	*1.00*

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

Lab Sample ID: 11I6327-BLK2
Matrix: Soil
Analysis Batch: U017446

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11I6327_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.100	0.0550	mg/kg wet		09/30/11 10:09	09/30/11 12:45	50.0
Ethylbenzene	ND		0.100	0.0550	mg/kg wet		09/30/11 10:09	09/30/11 12:45	50.0
Naphthalene	ND		0.250	0.125	mg/kg wet		09/30/11 10:09	09/30/11 12:45	50.0
Toluene	ND		0.100	0.0550	mg/kg wet		09/30/11 10:09	09/30/11 12:45	50.0
Xylenes, total	ND		0.250	0.125	mg/kg wet		09/30/11 10:09	09/30/11 12:45	50.0

Surrogate	*Blank % Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*98*		*70 - 130*	*09/30/11 10:09*	*09/30/11 12:45*	*50.0*
Dibromofluoromethane	*98*		*70 - 130*	*09/30/11 10:09*	*09/30/11 12:45*	*50.0*
Toluene-d8	*100*		*70 - 130*	*09/30/11 10:09*	*09/30/11 12:45*	*50.0*
4-Bromofluorobenzene	*97*		*70 - 130*	*09/30/11 10:09*	*09/30/11 12:45*	*50.0*

Lab Sample ID: 11I6327-BS1
Matrix: Soil
Analysis Batch: U017446

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11I6327_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene	50.0	56.1		ug/kg		112	75 - 127
Ethylbenzene	50.0	59.0		ug/kg		118	80 - 134
Naphthalene	50.0	64.8		ug/kg		130	69 - 150
Toluene	50.0	58.0		ug/kg		116	80 - 132
Xylenes, total	150	178		ug/kg		119	80 - 137

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4	*101*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8	*100*		*70 - 130*
4-Bromofluorobenzene	*97*		*70 - 130*

Lab Sample ID: 11I6327-MS1
Matrix: Soil
Analysis Batch: U017446

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 11I6327_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene	ND		52.1	76.1	M1	mg/kg wet		146	31 - 143
Ethylbenzene	ND		52.1	70.9		mg/kg wet		136	23 - 161
Naphthalene	ND		52.1	95.0	M1	mg/kg wet		182	10 - 176
Toluene	ND		52.1	72.6		mg/kg wet		139	30 - 155
Xylenes, total	ND		156	216		mg/kg wet		138	25 - 162

Surrogate	*Matrix Spike % Recovery*	*Matrix Spike Qualifier*	*Limits*
1,2-Dichloroethane-d4	*100*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8	*100*		*70 - 130*
4-Bromofluorobenzene	*84*		*70 - 130*

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

Lab Sample ID: 11I6327-MSD1
Matrix: Soil
Analysis Batch: U017446

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total
Prep Batch: 11I6327_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		52.1	92.6	M1	mg/kg wet		178	31 - 143	20	50
Ethylbenzene	ND		52.1	86.6	M1	mg/kg wet		166	23 - 161	20	50
Naphthalene	ND		52.1	105	M1	mg/kg wet		201	10 - 176	10	50
Toluene	ND		52.1	88.3	M1	mg/kg wet		170	30 - 155	20	50
Xylenes, total	ND		156	262	M1	mg/kg wet		168	25 - 162	19	50

Surrogate	*Matrix Spike Dup % Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
1,2-Dichloroethane-d4	*97*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8	*100*		*70 - 130*
4-Bromofluorobenzene	*86*		*70 - 130*

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

Lab Sample ID: 11I5238-BLK1
Matrix: Soil
Analysis Batch: 11I5238

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11I5238_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00
Acenaphthylene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00
Anthracene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00
Benzo (a) anthracene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00
Benzo (a) pyrene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00
Benzo (b) fluoranthene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00
Benzo (g,h,i) perylene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00
Benzo (k) fluoranthene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00
Chrysene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00
Dibenz (a,h) anthracene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00
Fluoranthene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00
Fluorene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00
Indeno (1,2,3-cd) pyrene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00
Naphthalene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00
Phenanthrene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00
Pyrene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00
1-Methylnaphthalene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00
2-Methylnaphthalene	ND		0.0670	0.0340	mg/kg wet		09/27/11 07:57	09/28/11 01:19	1.00

Surrogate	*Blank % Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*61*		*18 - 120*	*09/27/11 07:57*	*09/28/11 01:19*	*1.00*
2-Fluorobiphenyl	*48*		*14 - 120*	*09/27/11 07:57*	*09/28/11 01:19*	*1.00*
Nitrobenzene-d5	*49*		*17 - 120*	*09/27/11 07:57*	*09/28/11 01:19*	*1.00*

Lab Sample ID: 11I5238-BS1
Matrix: Soil
Analysis Batch: 11I5238

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11I5238_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	1.67	1.11		mg/kg wet		66	36 - 120

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

Lab Sample ID: 11I5238-BS1
Matrix: Soil
Analysis Batch: 11I5238

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11I5238_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthylene	1.67	1.04		mg/kg wet		62	38 - 120
Anthracene	1.67	1.17		mg/kg wet		70	46 - 124
Benzo (a) anthracene	1.67	1.12		mg/kg wet		67	45 - 120
Benzo (a) pyrene	1.67	1.23		mg/kg wet		74	45 - 120
Benzo (b) fluoranthene	1.67	1.10		mg/kg wet		66	42 - 120
Benzo (g,h,i) perylene	1.67	1.12		mg/kg wet		67	38 - 120
Benzo (k) fluoranthene	1.67	1.27		mg/kg wet		76	42 - 120
Chrysene	1.67	1.08		mg/kg wet		65	43 - 120
Dibenz (a,h) anthracene	1.67	1.13		mg/kg wet		68	32 - 128
Fluoranthene	1.67	1.18		mg/kg wet		71	46 - 120
Fluorene	1.67	1.14		mg/kg wet		69	42 - 120
Indeno (1,2,3-cd) pyrene	1.67	1.14		mg/kg wet		68	41 - 121
Naphthalene	1.67	1.11		mg/kg wet		67	32 - 120
Phenanthrene	1.67	1.16		mg/kg wet		69	45 - 120
Pyrene	1.67	1.11		mg/kg wet		67	43 - 120
1-Methylnaphthalene	1.67	0.842		mg/kg wet		51	32 - 120
2-Methylnaphthalene	1.67	0.987		mg/kg wet		59	28 - 120

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*69*		*18 - 120*
2-Fluorobiphenyl	*57*		*14 - 120*
Nitrobenzene-d5	*52*		*17 - 120*

Lab Sample ID: 11I5238-MS1
Matrix: Soil
Analysis Batch: 11I5238

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 11I5238_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	0.0756		1.94	1.25		mg/kg dry	☼	60	19 - 120
Acenaphthylene	0.0853		1.94	1.17		mg/kg dry	☼	56	25 - 120
Anthracene	0.180		1.94	1.33		mg/kg dry	☼	59	28 - 125
Benzo (a) anthracene	0.611		1.94	1.63		mg/kg dry	☼	52	23 - 120
Benzo (a) pyrene	0.691		1.94	1.91		mg/kg dry	☼	63	15 - 128
Benzo (b) fluoranthene	0.637		1.94	1.76		mg/kg dry	☼	58	12 - 133
Benzo (g,h,i) perylene	0.558		1.94	1.55		mg/kg dry	☼	51	22 - 120
Benzo (k) fluoranthene	0.604		1.94	1.91		mg/kg dry	☼	67	28 - 120
Chrysene	0.626		1.94	1.71		mg/kg dry	☼	56	20 - 120
Dibenz (a,h) anthracene	0.162		1.94	1.30		mg/kg dry	☼	59	12 - 128
Fluoranthene	1.32		1.94	2.69		mg/kg dry	☼	70	10 - 143
Fluorene	0.0787		1.94	1.27		mg/kg dry	☼	61	20 - 120
Indeno (1,2,3-cd) pyrene	0.434		1.94	1.49		mg/kg dry	☼	54	22 - 121
Naphthalene	0.145		1.94	1.34		mg/kg dry	☼	61	10 - 120
Phenanthrene	0.897		1.94	2.26		mg/kg dry	☼	70	21 - 122
Pyrene	1.14		1.94	2.29		mg/kg dry	☼	59	20 - 123
1-Methylnaphthalene	ND		1.94	0.972		mg/kg dry	☼	50	10 - 120
2-Methylnaphthalene	0.0522		1.94	1.14		mg/kg dry	☼	56	13 - 120

Surrogate	*Matrix Spike % Recovery*	*Matrix Spike Qualifier*	*Limits*
Terphenyl-d14	*59*		*18 - 120*

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

Lab Sample ID: 11I5238-MS1
Matrix: Soil
Analysis Batch: 11I5238

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 11I5238_P

Surrogate	*Matrix Spike % Recovery*	*Matrix Spike Qualifier*	*Limits*
2-Fluorobiphenyl	*49*		*14 - 120*
Nitrobenzene-d5	*48*		*17 - 120*

Lab Sample ID: 11I5238-MSD1
Matrix: Soil
Analysis Batch: 11I5238

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total
Prep Batch: 11I5238_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acenaphthene	0.0756		1.94	1.28		mg/kg dry	☼	62	19 - 120	3	50
Acenaphthylene	0.0853		1.94	1.15		mg/kg dry	☼	55	25 - 120	1	50
Anthracene	0.180		1.94	1.39		mg/kg dry	☼	62	28 - 125	4	49
Benzo (a) anthracene	0.611		1.94	1.99		mg/kg dry	☼	71	23 - 120	20	50
Benzo (a) pyrene	0.691		1.94	2.31		mg/kg dry	☼	83	15 - 128	19	50
Benzo (b) fluoranthene	0.637		1.94	2.15		mg/kg dry	☼	78	12 - 133	20	50
Benzo (g,h,i) perylene	0.558		1.94	1.82		mg/kg dry	☼	65	22 - 120	16	50
Benzo (k) fluoranthene	0.604		1.94	2.21		mg/kg dry	☼	83	28 - 120	15	45
Chrysene	0.626		1.94	2.08		mg/kg dry	☼	75	20 - 120	20	49
Dibenz (a,h) anthracene	0.162		1.94	1.38		mg/kg dry	☼	63	12 - 128	6	50
Fluoranthene	1.32		1.94	3.45		mg/kg dry	☼	109	10 - 143	25	50
Fluorene	0.0787		1.94	1.31		mg/kg dry	☼	63	20 - 120	3	50
Indeno (1,2,3-cd) pyrene	0.434		1.94	1.72		mg/kg dry	☼	66	22 - 121	14	50
Naphthalene	0.145		1.94	1.42		mg/kg dry	☼	66	10 - 120	6	50
Phenanthrene	0.897		1.94	2.87		mg/kg dry	☼	102	21 - 122	24	50
Pyrene	1.14		1.94	2.98		mg/kg dry	☼	95	20 - 123	26	50
1-Methylnaphthalene	ND		1.94	0.928		mg/kg dry	☼	48	10 - 120	5	50
2-Methylnaphthalene	0.0522		1.94	1.12		mg/kg dry	☼	55	13 - 120	1	50

Surrogate	*Matrix Spike Dup % Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
Terphenyl-d14	*59*		*18 - 120*
2-Fluorobiphenyl	*49*		*14 - 120*
Nitrobenzene-d5	*47*		*17 - 120*

Method: SW-846 - General Chemistry Parameters

Lab Sample ID: 11I5650-DUP1
Matrix: Soil
Analysis Batch: 11I5650

Client Sample ID: Duplicate
Prep Type: Total
Prep Batch: 11I5650_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
% Dry Solids	81.7		81.9		%		0.2	20

QC Association Summary

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

TestAmerica Job ID: NUI3262

GCMS Volatiles

Analysis Batch: U017358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11I5281-BLK1	Method Blank	Total	Soil	SW846 8260B	11I5281_P
11I5281-BLK2	Method Blank	Total	Soil	SW846 8260B	11I5281_P
11I5281-BS1	Lab Control Sample	Total	Soil	SW846 8260B	11I5281_P
11I5281-MS1	Matrix Spike	Total	Soil	SW846 8260B	11I5281_P
11I5281-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 8260B	11I5281_P
NUI3262-01	159 Cypress-1	Total	Soil	SW846 8260B	11I5281_P
NUI3262-03	400 Elderberry	Total	Soil	SW846 8260B	11I5281_P
NUI3262-04	141 Laurel Bay-a	Total	Soil	SW846 8260B	11I5281_P
NUI3262-05	153 Laurel Bay-a	Total	Soil	SW846 8260B	11I5281_P
NUI3262-06	155 Laurel Bay-a	Total	Soil	SW846 8260B	11I5281_P

Analysis Batch: U017446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11I6327-BLK1	Method Blank	Total	Soil	SW846 8260B	11I6327_P
11I6327-BLK2	Method Blank	Total	Soil	SW846 8260B	11I6327_P
11I6327-BS1	Lab Control Sample	Total	Soil	SW846 8260B	11I6327_P
11I6327-MS1	Matrix Spike	Total	Soil	SW846 8260B	11I6327_P
11I6327-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 8260B	11I6327_P
NUI3262-02 - RE1	159 Cypress-2	Total	Soil	SW846 8260B	11I6327_P
NUI3262-02 - RE2	159 Cypress-2	Total	Soil	SW846 8260B	11I6327_P
NUI3262-04 - RE1	141 Laurel Bay-a	Total	Soil	SW846 8260B	11I6327_P

Prep Batch: 11I5281_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11I5281-BLK1	Method Blank	Total	Soil	EPA 5035	
11I5281-BLK2	Method Blank	Total	Soil	EPA 5035	
11I5281-BS1	Lab Control Sample	Total	Soil	EPA 5035	
11I5281-MS1	Matrix Spike	Total	Soil	EPA 5035	
11I5281-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 5035	
NUI3262-01	159 Cypress-1	Total	Soil	EPA 5035	
NUI3262-03	400 Elderberry	Total	Soil	EPA 5035	
NUI3262-04	141 Laurel Bay-a	Total	Soil	EPA 5035	
NUI3262-05	153 Laurel Bay-a	Total	Soil	EPA 5035	
NUI3262-06	155 Laurel Bay-a	Total	Soil	EPA 5035	

Prep Batch: 11I6327_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11I6327-BLK1	Method Blank	Total	Soil	EPA 5035	
11I6327-BLK2	Method Blank	Total	Soil	EPA 5035	
11I6327-BS1	Lab Control Sample	Total	Soil	EPA 5035	
11I6327-MS1	Matrix Spike	Total	Soil	EPA 5035	
11I6327-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 5035	
NUI3262-02 - RE1	159 Cypress-2	Total	Soil	EPA 5035	
NUI3262-02 - RE2	159 Cypress-2	Total	Soil	EPA 5035	
NUI3262-04 - RE1	141 Laurel Bay-a	Total	Soil	EPA 5035	

GCMS Semivolatiles

Analysis Batch: 11I5238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11I5238-BLK1	Method Blank	Total	Soil	SW846 8270D	11I5238_P
11I5238-BS1	Lab Control Sample	Total	Soil	SW846 8270D	11I5238_P

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

TestAmerica Job ID: NUI3262

GCMS Semivolatiles (Continued)

Analysis Batch: 11I5238 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11I5238-MS1	Matrix Spike	Total	Soil	SW846 8270D	11I5238_P
11I5238-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 8270D	11I5238_P
NUI3262-01	159 Cypress-1	Total	Soil	SW846 8270D	11I5238_P
NUI3262-02	159 Cypress-2	Total	Soil	SW846 8270D	11I5238_P
NUI3262-03	400 Elderberry	Total	Soil	SW846 8270D	11I5238_P
NUI3262-04	141 Laurel Bay-a	Total	Soil	SW846 8270D	11I5238_P
NUI3262-05	153 Laurel Bay-a	Total	Soil	SW846 8270D	11I5238_P
NUI3262-06	155 Laurel Bay-a	Total	Soil	SW846 8270D	11I5238_P

Prep Batch: 11I5238_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11I5238-BLK1	Method Blank	Total	Soil	EPA 3550B	
11I5238-BS1	Lab Control Sample	Total	Soil	EPA 3550B	
11I5238-MS1	Matrix Spike	Total	Soil	EPA 3550B	
11I5238-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 3550B	
NUI3262-01	159 Cypress-1	Total	Soil	EPA 3550B	
NUI3262-02	159 Cypress-2	Total	Soil	EPA 3550B	
NUI3262-03	400 Elderberry	Total	Soil	EPA 3550B	
NUI3262-04	141 Laurel Bay-a	Total	Soil	EPA 3550B	
NUI3262-05	153 Laurel Bay-a	Total	Soil	EPA 3550B	
NUI3262-06	155 Laurel Bay-a	Total	Soil	EPA 3550B	

Extractions

Analysis Batch: 11I5650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11I5650-DUP1	Duplicate	Total	Soil	SW-846	11I5650_P
NUI3262-01	159 Cypress-1	Total	Soil	SW-846	11I5650_P
NUI3262-02	159 Cypress-2	Total	Soil	SW-846	11I5650_P
NUI3262-03	400 Elderberry	Total	Soil	SW-846	11I5650_P
NUI3262-04	141 Laurel Bay-a	Total	Soil	SW-846	11I5650_P
NUI3262-05	153 Laurel Bay-a	Total	Soil	SW-846	11I5650_P
NUI3262-06	155 Laurel Bay-a	Total	Soil	SW-846	11I5650_P

Prep Batch: 11I5650_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11I5650-DUP1	Duplicate	Total	Soil	% Solids	
NUI3262-01	159 Cypress-1	Total	Soil	% Solids	
NUI3262-02	159 Cypress-2	Total	Soil	% Solids	
NUI3262-03	400 Elderberry	Total	Soil	% Solids	
NUI3262-04	141 Laurel Bay-a	Total	Soil	% Solids	
NUI3262-05	153 Laurel Bay-a	Total	Soil	% Solids	
NUI3262-06	155 Laurel Bay-a	Total	Soil	% Solids	

Lab Chronicle

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

TestAmerica Job ID: NUI3262

Client Sample ID: 159 Cypress-1

Lab Sample ID: NUI3262-01

Date Collected: 09/19/11 13:00
Matrix: Soil
Date Received: 09/24/11 09:00
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.785	11I5281_P	09/19/11 13:00	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	U017358	09/28/11 14:02	KKK H	TAL NSH
Total	Prep	EPA 3550B		0.994	11I5238_P	09/27/11 07:57	JJR	TAL NSH
Total	Analysis	SW846 8270D		1.00	11I5238	09/28/11 04:06	KJP	TAL NSH
Total	Prep	% Solids		1.00	11I5650_P	09/28/11 10:28	RRS	TAL NSH
Total	Analysis	SW-846		1.00	11I5650	09/29/11 11:06	RRS	TAL NSH

Client Sample ID: 159 Cypress-2

Lab Sample ID: NUI3262-02

Date Collected: 09/20/11 11:15
Matrix: Soil
Date Received: 09/24/11 09:00
Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	EPA 5035	RE1	1.07	11I6327_P	09/20/11 11:15	TSP	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	U017446	09/30/11 14:18	KKK H	TAL NSH
Total	Prep	EPA 5035	RE2	1.24	11I6327_P	09/20/11 11:15	TSP	TAL NSH
Total	Analysis	SW846 8260B	RE2	50.0	U017446	09/30/11 14:49	KKK H	TAL NSH
Total	Prep	EPA 3550B		0.980	11I5238_P	09/27/11 07:57	JJR	TAL NSH
Total	Analysis	SW846 8270D		1.00	11I5238	09/28/11 04:27	KJP	TAL NSH
Total	Prep	% Solids		1.00	11I5650_P	09/28/11 10:28	RRS	TAL NSH
Total	Analysis	SW-846		1.00	11I5650	09/29/11 11:06	RRS	TAL NSH

Client Sample ID: 400 Elderberry

Lab Sample ID: NUI3262-03

Date Collected: 09/21/11 13:45
Matrix: Soil
Date Received: 09/24/11 09:00
Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.01	11I5281_P	09/21/11 13:45	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	U017358	09/28/11 15:04	KKK H	TAL NSH
Total	Prep	EPA 3550B		0.972	11I5238_P	09/27/11 07:57	JJR	TAL NSH
Total	Analysis	SW846 8270D		1.00	11I5238	09/28/11 04:47	KJP	TAL NSH
Total	Prep	% Solids		1.00	11I5650_P	09/28/11 10:28	RRS	TAL NSH
Total	Analysis	SW-846		1.00	11I5650	09/29/11 11:06	RRS	TAL NSH

Client Sample ID: 141 Laurel Bay-a

Lab Sample ID: NUI3262-04

Date Collected: 09/22/11 09:15
Matrix: Soil
Date Received: 09/24/11 09:00
Percent Solids: 77.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.755	11I5281_P	09/22/11 09:15	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	U017358	09/28/11 15:36	KKK H	TAL NSH
Total	Prep	EPA 5035	RE1	0.762	11I6327_P	09/22/11 09:15	TSP	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	U017446	09/30/11 17:56	KKK H	TAL NSH
Total	Prep	EPA 3550B		0.991	11I5238_P	09/27/11 07:57	JJR	TAL NSH
Total	Analysis	SW846 8270D		1.00	11I5238	09/28/11 05:08	KJP	TAL NSH

Lab Chronicle

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

TestAmerica Job ID: NUI3262

Client Sample ID: 141 Laurel Bay-a

Lab Sample ID: NUI3262-04

Date Collected: 09/22/11 09:15
Matrix: Soil
Date Received: 09/24/11 09:00
Percent Solids: 77.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	% Solids		1.00	11I5650_P	09/28/11 10:28	RRS	TAL NSH
Total	Analysis	SW-846		1.00	11I5650	09/29/11 11:06	RRS	TAL NSH

Client Sample ID: 153 Laurel Bay-a

Lab Sample ID: NUI3262-05

Date Collected: 09/22/11 09:45
Matrix: Soil
Date Received: 09/24/11 09:00
Percent Solids: 77.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.867	11I5281_P	09/22/11 09:45	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	U017358	09/28/11 16:07	KKK H	TAL NSH
Total	Prep	EPA 3550B		0.985	11I5238_P	09/27/11 07:57	JJR	TAL NSH
Total	Analysis	SW846 8270D		1.00	11I5238	09/28/11 05:30	KJP	TAL NSH
Total	Prep	% Solids		1.00	11I5650_P	09/28/11 10:28	RRS	TAL NSH
Total	Analysis	SW-846		1.00	11I5650	09/29/11 11:06	RRS	TAL NSH

Client Sample ID: 155 Laurel Bay-a

Lab Sample ID: NUI3262-06

Date Collected: 09/22/11 10:45
Matrix: Soil
Date Received: 09/24/11 09:00
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.17	11I5281_P	09/22/11 10:45	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	U017358	09/28/11 16:38	KKK H	TAL NSH
Total	Prep	EPA 3550B		0.987	11I5238_P	09/27/11 07:57	JJR	TAL NSH
Total	Analysis	SW846 8270D		1.00	11I5238	09/28/11 05:50	KJP	TAL NSH
Total	Prep	% Solids		1.00	11I5650_P	09/28/11 10:28	RRS	TAL NSH
Total	Analysis	SW-846		1.00	11I5650	09/29/11 11:06	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: NUI3262

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)
Project/Site: [none]

TestAmerica Job ID: NUI3262

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	A2LA	WY UST		453.07
TestAmerica Nashville	AIHA	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	CALA	CALA		3744
TestAmerica Nashville	California	NELAC	9	1168CA
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	LA100011
TestAmerica Nashville	Louisiana	NELAC	6	30613
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 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

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.

TestAmerica

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone:
Toll Free:
Fax:

Client Name/Account #: EEG - SBG # 2449

Address: 10179 Highway 78

City/State/Zip: Ladson, SC 29456

Project Manager: Tom McElwee email: rmcelwee@eegjm.net

Telephone Number: 843.412.2097 Fax No.: 843-879-0401 1027

Sampler Name: (Print) Brad Shaw

Sampler Signature:

NUI3262
10/10/11 23:59

	Sample ID / Description	Date	Time				Preservative: Sodium Bisulfate	Methanol			
1	159 Cypress -1	9/19/11	1300	5	X		2	21	X	X	X
2	159 Cypress -2	9/20/11	1115	5	X		2	21	X	X	X
3	400 Elderberry	9/21/11	1345	5	X		2	21	X	X	X
4	141 Laurel Bay-a	9/22/11	0915	5	X		2	21	X	X	X
5	153 Laurel Bay-a	9/22/11	0945	5	X		2	21	X	X	X
6	155 Laurel Bay-a	9/22/11	1045	5	X		2	21	X	X	X

Special Instructions:

Method of Shipment:

Relinquished by	Date	Time	Received by
	9/23/11	1000	Fedex
Relinquished by	Date	Time	Received by TestAmerica
			9/24/11 0900

ATTACHMENT A

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
MCAS, BEAUFORT LAUREL BAY HOUSING BEAUFORT, SC 29907 4. Generator's Phone 843-228-6461		WMNA	00316817
		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID	
EEG, INC.		D. Transporter's Phone	843-879-0411
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID	
		F. Transporter's Phone	
9. Designated Facility Name and Site Address HICKORY HILL LANDFILL 2621 LOW COUNTRY ROAD RIDGELAND, SC 29936	10. US EPA ID Number	G. State Facility ID	
		H. State Facility Phone	843-987-4643

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. HEATING OIL TANKS FILLED WITH SAND WM Profile # 102655SC					
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

UST's 1) 134 BANYAN ✓ 2) 154 LAUREL BAY ✓ 3) 153 LAUREL BAY ✓ 4) 155 LAUREL BAY ✓ 5) 141 LAUREL BAY ✓ 6) 151 LAUREL BAY 7) 159 CYPRESS - 2"

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
W.G. Dukes, J.		09	21	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
JAMES BALDWIN	James Baldwin	09	22	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Toni Cofield	Toni Cofield	9	22	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

Appendix C
Regulatory Correspondence

CDM - AECOM
Multimedia Joint Venture

D H E C
PROMOTE PROTECT PROSPER
Catherine E. Heigel, Director
Promoting and protecting the health of the public and the environment

July 1, 2015

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

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

Dear Mr. Drawdy,

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

The Department has reviewed the referenced assessment reports and agrees there is no indication of soil or groundwater contamination on these properties, and therefore no further investigation is required at this time.

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

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

Sincerely,

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

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

D H E C
PROMOTE PROTECT PROSPER
Catherine E. Heigel, Director
Promoting and protecting the health of the public and the environment

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

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

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

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

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

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

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