SUMMARY REPORT
380 WEST DOVE LANE (FORMERLY 1387 WEST DOVE LANE)
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 20**2**1

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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 380 West Dove Lane (Formerly 1387 West Dove Lane). 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 380 West Dove Lane (Formerly 1387 West Dove Lane). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 1387 West Dove Lane* (MCAS Beaufort, 2009) and the *SCDHEC UST Assessment Report – 1387 Dove Lane* (MCAS Beaufort, 2015). The UST Assessment Reports are provided in Appendix B.

2.1 UST Removal and Soil Sampling

Two 280 gallon heating oil USTs were removed at 380 West Dove Lane (Formerly 1387 West Dove Lane). Tank 1 was removed on July 15, 2009, from the landscaped area adjacent to the concrete porch. Tank 2 was removed on August 17, 2015, from the concrete porch area. The UST locations are indicated in the figures of the UST Assessment Reports (Appendix B). The USTs were 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 removals. According to the UST Assessment Reports (Appendix B), the depths to the bases of the USTs were 4'7" bgs (Tank 1) and 6'8" bgs (Tank 2) and one sample was collected for each from 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 bases of each excavations 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 reports are included in the UST Assessment Reports presented in Appendix B. The laboratory analytical data reports include 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 locations (Tanks 1 and 2) 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 the former UST locations (Tanks 1 and 2) at 380 West Dove Lane (Formerly 1387 West Dove Lane) were less than the SCDHEC RBSLs, which indicated the subsurface was not impacted by COPCs associated with the former USTs 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 380 West Dove Lane (Formerly 1387 West Dove Lane). This NFA determination was obtained in letters dated March 11, 2010 (Tank 1) and August 3, 2016 (Tank 2). SCDHEC's NFA letters are provided in Appendix C.

4.0 REFERENCES

Marine Corps Air Station Beaufort, 2009. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 1387 West Dove Lane, Laurel Bay Military Housing Area*, September 2009.

Marine Corps Air Station Beaufort, 2015. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 1387 West Dove Lane, Laurel Bay Military Housing Area*, November 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.

Table

Table 1
Laboratory Analytical Results - Soil
380 West Dove Lane (Formerly 1387 West Dove Lane)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs [1]	Results Samples Collected 07/15/09 and 08/17/15	
		1387 West Dove Lane 07/15/09	1387 West Dove Lane 08/17/15
Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)			
Benzene	0.007	ND	ND
Ethylbenzene	1.15	ND	**0.00516**
Naphthalene	0.036	ND	**0.0172**
Toluene	1.45	ND	**0.0122**
Xylenes, Total	14.5	ND	**0.0274**
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (mg/kg)			
Benzo(a)anthracene	0.66	ND	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:

[1] South Carolina Risk-Based Screening Levels from the Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 1.0, 1.1, 3.0 and 3.1 (SCDHEC, May 2001; SCDHEC, February 2011; 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

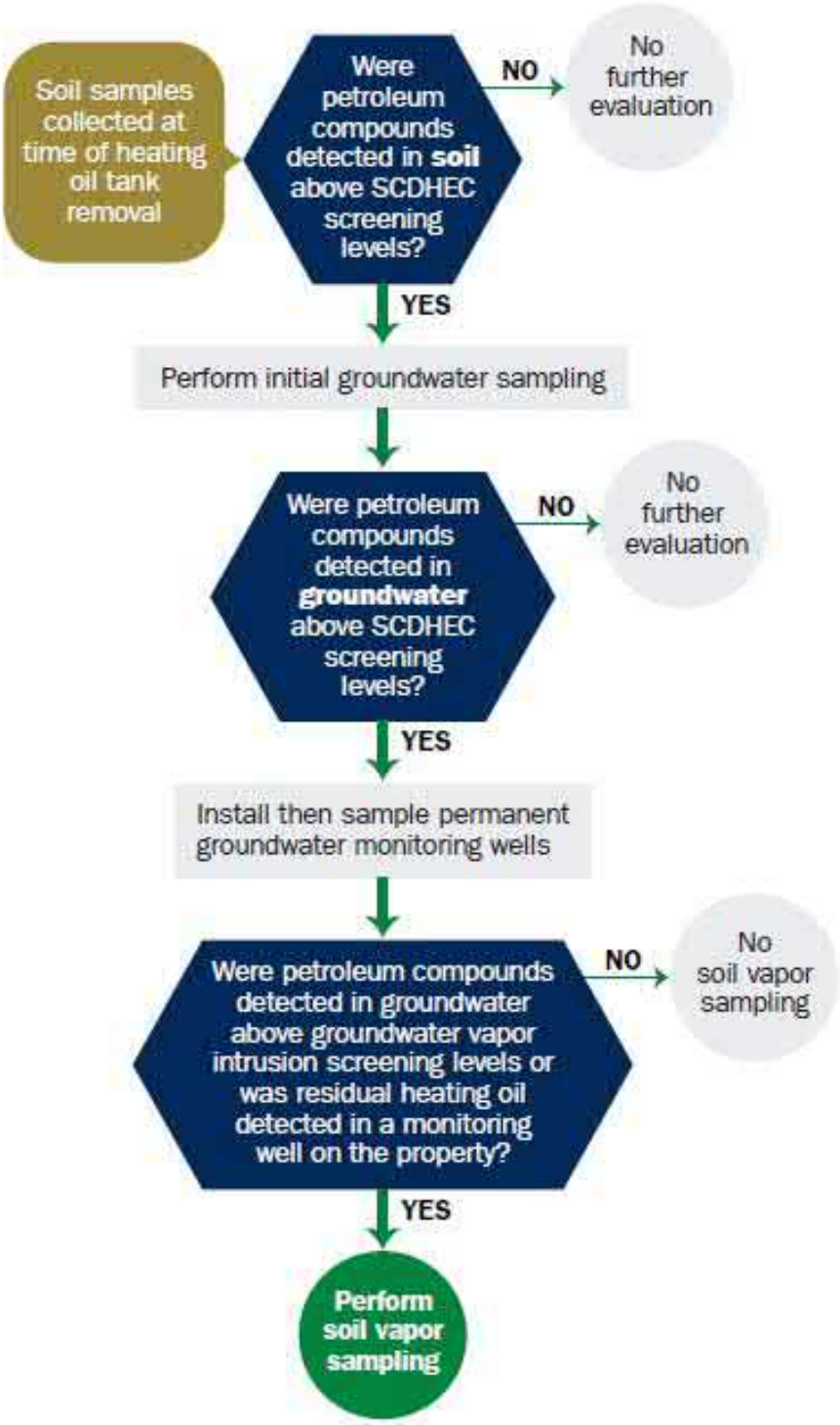
ND - not detected at the reporting limit (or method detection limit if shown on the laboratory report). The laboratory report is provided in Appendix B.

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 Reports

CDM - AECOM
Multimedia Joint Venture

Attachment 1

South Carolina Department of Health and Environmental Control (SCDHEC)

Underground Storage Tank (UST) Assessment Report

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

1387 Dove Lane, 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).....	1387Dove				
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 1980s				
G.	Spill Prevention Equipment Y/N.....	4'7"				
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.....	7/15/09				
L.	Visible Holes Y/N.....	Yes				
		Yes				

M. Method of disposal for any USTs removed from the ground (attach disposal manifests)

UST 1387Dove was removed from the ground and disposed of at a Subtitle "D" landfill. See Attachment "A."

N. Method of disposal for any liquid petroleum, sludges, or wastewaters removed from the USTs (attach disposal manifests)

UST 1387Dove had been previously filled with sand by others.

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

Corrosion, pitting and holes were found through out the tank.

VII. PIPING INFORMATION

	1387Dove				
A. Construction Material..(ex. Steel, FRP).....	Steel & Copper				
B. Distance from UST to Dispenser.....	N/A				
C. Number of Dispensers.....	N/A				
D. Type of System Pressure or Suction.....	Suction				
E. Was Piping Removed from the Ground? Y/N	Yes				
F. Visible Corrosion or Pitting Y/N.....	Yes				
G. Visible Holes Y/N.....	No				
H. Age.....	Late 1950s				

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

Corrosion and pitting were found on the surface of the steel vent pipe. Copper supply and return lines were sound.

VIII. BRIEF SITE DESCRIPTION AND HISTORY

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

IX. SITE CONDITIONS

	Yes	No	Unk
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 96012001

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA #
1387 Dove	Excav at fill end	Soil	Sandy-clay	4'7"	7/15/09 0915 hrs	P. Shaw	
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

* = Depth Below the Surrounding Land Surface

XI. SAMPLING METHODOLOGY

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

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

XII. RECEPTORS

	Yes	No
A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system? *Broad R. ~ 888 ft. 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 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 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)

1387 DOVE LANE

0 105 210 420 630 840
Feet

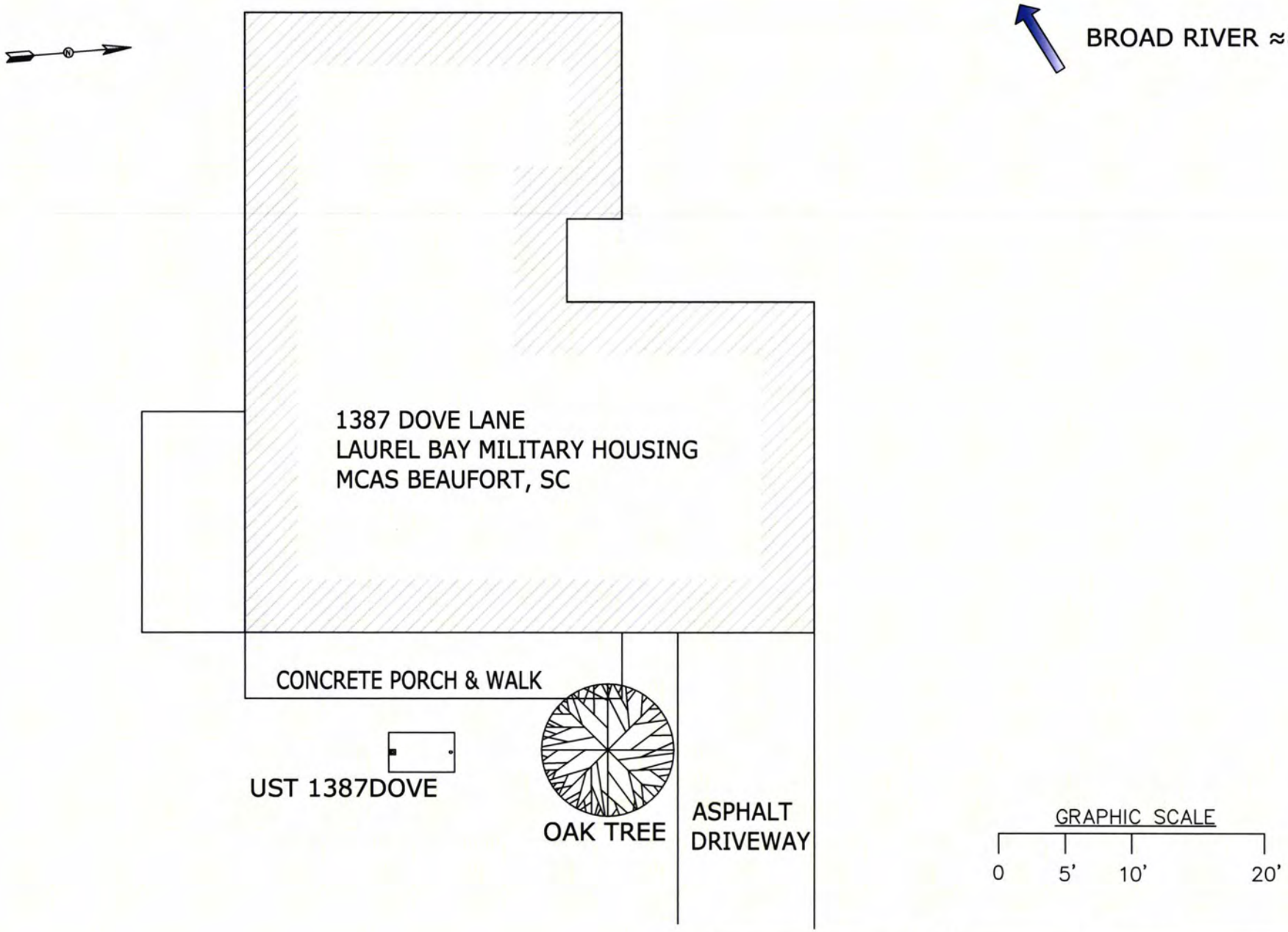
SBG-EEG, Inc.
Small Business Group, Inc.
10179 Hwy 78
Ladson, SC 29456

Ph. (843) 879-0400

Drawn By: L. DiAsio

Dwg Date: Aug 2009

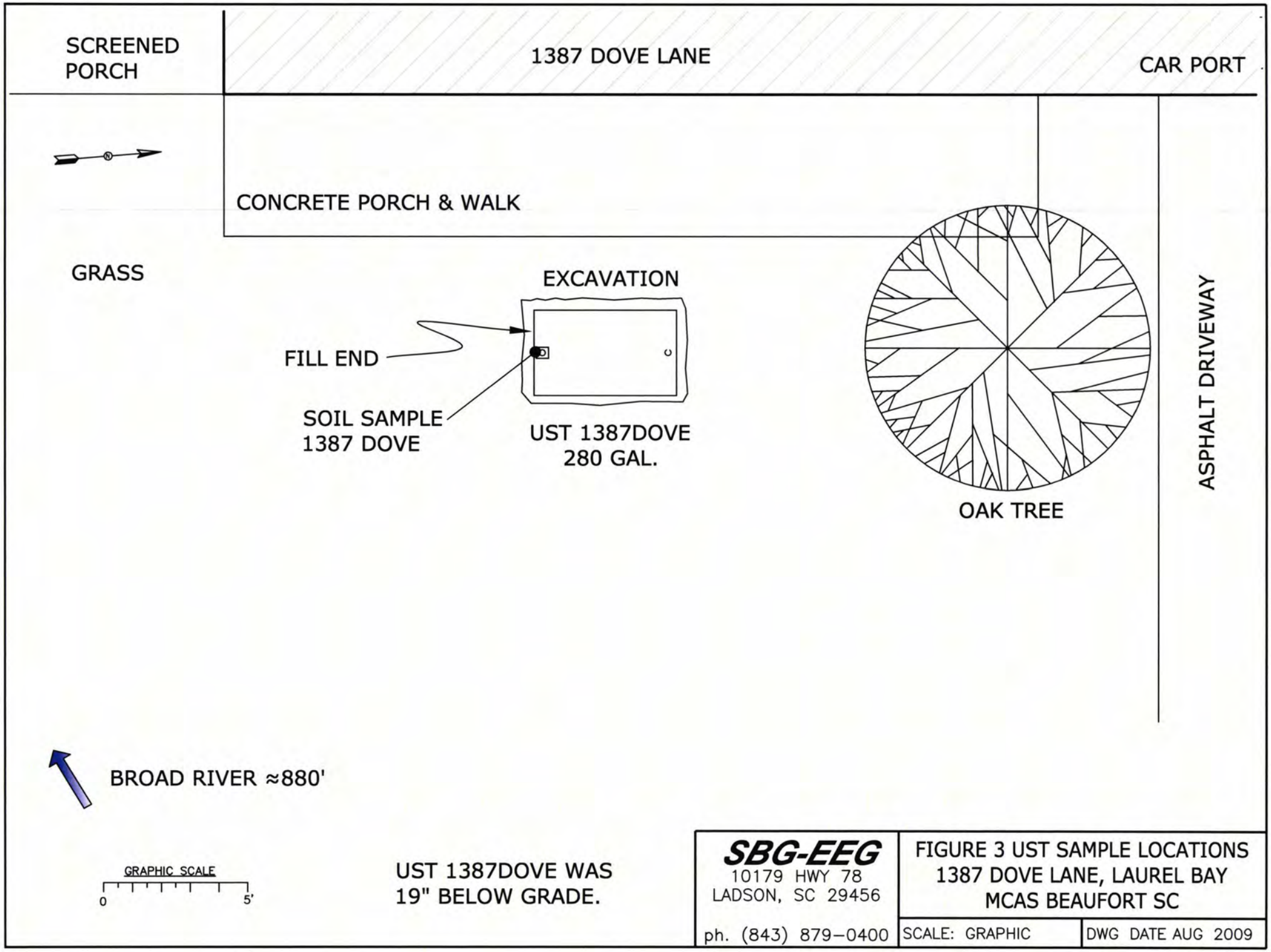
FIGURE 1: LOCATION MAP
1387 DOVE LANE, LAUREL BAY
MCAS BEAUFORT SC



SBG-EEG
10179 HWY 78
LADSON, SC 29456
ph. (843) 879–0400

FIGURE 2 SITE MAP
1387 DOVE LANE, LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC | DWG DATE AUG 2009



UST 1387DOVE WAS 19" BELOW GRADE.

SBG-EEG
10179 HWY 78
LADSON, SC 29456
ph. (843) 879-0400

FIGURE 3 UST SAMPLE LOCATIONS
1387 DOVE LANE, LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC | DWG DATE AUG 2009

Picture 1: Location of UST 1387Dove prior to removal.

Picture 2: 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	1387Dove						
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
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

July 31, 2009 11:09:52AM

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

Work Order: NSG1392
Project Name: Laurel Bay Housing Project
Project Nbr: [none]
P/O Nbr: 08129
Date Received: 07/17/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
1393 Dove-1	NSG1392-01	07/16/09 15:15
1392 Dove	NSG1392-02	07/16/09 11:00
1384 Dove	NSG1392-03	07/16/09 10:40
1391 Dove	NSG1392-04	07/15/09 11:45
1387 Dove	NSG1392-05	07/15/09 09:15

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

South Carolina Certification Number: 84009001

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

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:

Ken A. Hayes

Senior Project Manager

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSG1392-01 (1393 Dove-1 - Soil) Sampled: 07/16/09 15:15								
General Chemistry Parameters								
% Dry Solids	**82.4**		%	0.500	1	07/28/09 08:49	SW-846	9073886
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.00381**		mg/kg dry	0.00197	1	07/24/09 15:44	SW846 8260B	9072897
Ethylbenzene	**2.73**		mg/kg dry	0.0966	50	07/27/09 20:43	SW846 8260B	9073882
Naphthalene	**21.0**		mg/kg dry	4.83	1000	07/27/09 21:12	SW846 8260B	9073882
Toluene	**0.00303**		mg/kg dry	0.00197	1	07/24/09 15:44	SW846 8260B	9072897
Xylenes, total	**6.04**		mg/kg dry	0.242	50	07/27/09 20:43	SW846 8260B	9073882
Surr: 1,2-Dichloroethane-d4 (67-138%)	*107 %*					*07/24/09 15:44*	*SW846 8260B*	*9072897*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*101 %*					*07/27/09 20:43*	*SW846 8260B*	*9073882*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*125 %*					*07/27/09 21:12*	*SW846 8260B*	*9073882*
Surr: Dibromofluoromethane (75-125%)	*114 %*					*07/24/09 15:44*	*SW846 8260B*	*9072897*
Surr: Dibromofluoromethane (75-125%)	*97 %*					*07/27/09 20:43*	*SW846 8260B*	*9073882*
Surr: Dibromofluoromethane (75-125%)	*112 %*					*07/27/09 21:12*	*SW846 8260B*	*9073882*
Surr: Toluene-d8 (76-129%)	*504 %*	*I, ZX*				*07/24/09 15:44*	*SW846 8260B*	*9072897*
Surr: Toluene-d8 (76-129%)	*107 %*					*07/27/09 20:43*	*SW846 8260B*	*9073882*
Surr: Toluene-d8 (76-129%)	*98 %*					*07/27/09 21:12*	*SW846 8260B*	*9073882*
Surr: 4-Bromofluorobenzene (67-147%)	*471 %*	*I, ZX*				*07/24/09 15:44*	*SW846 8260B*	*9072897*
Surr: 4-Bromofluorobenzene (67-147%)	*129 %*					*07/27/09 20:43*	*SW846 8260B*	*9073882*
Surr: 4-Bromofluorobenzene (67-147%)	*99 %*					*07/27/09 21:12*	*SW846 8260B*	*9073882*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
Acenaphthylene	ND		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
Anthracene	ND		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
Benzo (a) anthracene	ND		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
Benzo (a) pyrene	ND		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
Benzo (b) fluoranthene	ND		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
Benzo (g,h,i) perylene	ND		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
Benzo (k) fluoranthene	ND		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
Chrysene	ND		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
Dibenz (a,h) anthracene	ND		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
Fluoranthene	ND		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
Fluorene	**3.21**		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
Naphthalene	**5.54**		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
Phenanthrene	**7.33**		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
Pyrene	ND		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
1-Methylnaphthalene	**23.2**		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
2-Methylnaphthalene	**36.2**		mg/kg dry	0.811	10	07/20/09 21:58	SW846 8270D	9072561
Surr: Terphenyl-d14 (18-120%)	*69 %*					*07/20/09 21:58*	*SW846 8270D*	*9072561*
Surr: 2-Fluorobiphenyl (14-120%)	*5 %*	*ZX*				*07/20/09 21:58*	*SW846 8270D*	*9072561*
Surr: Nitrobenzene-d5 (17-120%)	*53 %*					*07/20/09 21:58*	*SW846 8270D*	*9072561*

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSG1392-02 (1392 Dove - Soil) Sampled: 07/16/09 11:00								
General Chemistry Parameters								
% Dry Solids	**78.9**		%	0.500	1	07/28/09 08:49	SW-846	9073886
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	RL1	mg/kg dry	0.233	100	07/28/09 04:36	SW846 8260B	9073896
Ethylbenzene	**18.4**		mg/kg dry	0.233	100	07/28/09 04:36	SW846 8260B	9073896
Naphthalene	**105**		mg/kg dry	29.1	5000	07/28/09 05:05	SW846 8260B	9073896
Toluene	ND	RL1	mg/kg dry	0.233	100	07/28/09 04:36	SW846 8260B	9073896
Xylenes, total	**31.0**		mg/kg dry	29.1	5000	07/28/09 05:05	SW846 8260B	9073896
Surr: 1,2-Dichloroethane-d4 (67-138%)	*102 %*					*07/28/09 04:36*	*SW846 8260B*	*9073896*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*121 %*					*07/28/09 05:05*	*SW846 8260B*	*9073896*
Surr: Dibromofluoromethane (75-125%)	*107 %*					*07/28/09 04:36*	*SW846 8260B*	*9073896*
Surr: Dibromofluoromethane (75-125%)	*107 %*					*07/28/09 05:05*	*SW846 8260B*	*9073896*
Surr: Toluene-d8 (76-129%)	*117 %*					*07/28/09 04:36*	*SW846 8260B*	*9073896*
Surr: Toluene-d8 (76-129%)	*96 %*					*07/28/09 05:05*	*SW846 8260B*	*9073896*
Surr: 4-Bromofluorobenzene (67-147%)	*154 %*	*ZX*				*07/28/09 04:36*	*SW846 8260B*	*9073896*
Surr: 4-Bromofluorobenzene (67-147%)	*110 %*					*07/28/09 05:05*	*SW846 8260B*	*9073896*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	1.69	10	07/21/09 00:08	SW846 8270D	9072561
Acenaphthylene	ND		mg/kg dry	1.69	10	07/21/09 00:08	SW846 8270D	9072561
Anthracene	ND		mg/kg dry	1.69	10	07/21/09 00:08	SW846 8270D	9072561
Benzo (a) anthracene	ND		mg/kg dry	1.69	10	07/21/09 00:08	SW846 8270D	9072561
Benzo (a) pyrene	ND		mg/kg dry	1.69	10	07/21/09 00:08	SW846 8270D	9072561
Benzo (b) fluoranthene	ND		mg/kg dry	1.69	10	07/21/09 00:08	SW846 8270D	9072561
Benzo (g,h,i) perylene	ND		mg/kg dry	1.69	10	07/21/09 00:08	SW846 8270D	9072561
Benzo (k) fluoranthene	ND		mg/kg dry	1.69	10	07/21/09 00:08	SW846 8270D	9072561
Chrysene	ND		mg/kg dry	1.69	10	07/21/09 00:08	SW846 8270D	9072561
Dibenz (a,h) anthracene	ND		mg/kg dry	1.69	10	07/21/09 00:08	SW846 8270D	9072561
Fluoranthene	**2.89**		mg/kg dry	1.69	10	07/21/09 00:08	SW846 8270D	9072561
Fluorene	**20.1**		mg/kg dry	1.69	10	07/21/09 00:08	SW846 8270D	9072561
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	1.69	10	07/21/09 00:08	SW846 8270D	9072561
Naphthalene	**43.3**		mg/kg dry	1.69	10	07/21/09 00:08	SW846 8270D	9072561
Phenanthrene	**45.7**		mg/kg dry	1.69	10	07/21/09 00:08	SW846 8270D	9072561
Pyrene	**5.02**		mg/kg dry	1.69	10	07/21/09 00:08	SW846 8270D	9072561
1-Methylnaphthalene	**138**		mg/kg dry	16.9	100	07/20/09 23:25	SW846 8270D	9072561
2-Methylnaphthalene	**202**		mg/kg dry	16.9	100	07/20/09 23:25	SW846 8270D	9072561
Surr: Terphenyl-d14 (18-120%)	*82 %*					*07/21/09 00:08*	*SW846 8270D*	*9072561*
Surr: 2-Fluorobiphenyl (14-120%)	*12 %*	*ZX*				*07/21/09 00:08*	*SW846 8270D*	*9072561*
Surr: Nitrobenzene-d5 (17-120%)	*210 %*	*ZX*				*07/21/09 00:08*	*SW846 8270D*	*9072561*

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSG1392-03 (1384 Dove - Soil) Sampled: 07/16/09 10:40								
General Chemistry Parameters								
% Dry Solids	**85.1**		%	0.500	1	07/28/09 08:49	SW-846	9073886
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00232	1	07/24/09 16:43	SW846 8260B	9072897
Ethylbenzene	**1.11**		mg/kg dry	0.115	50	07/27/09 18:14	SW846 8260B	9073882
Naphthalene	**7.90**		mg/kg dry	0.287	50	07/27/09 18:14	SW846 8260B	9073882
Toluene	ND		mg/kg dry	0.00232	1	07/24/09 16:43	SW846 8260B	9072897
Xylenes, total	**1.62**		mg/kg dry	0.287	50	07/27/09 18:14	SW846 8260B	9073882
Surr: 1,2-Dichloroethane-d4 (67-138%)	*96 %*					*07/24/09 16:43*	*SW846 8260B*	*9072897*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*104 %*					*07/27/09 18:14*	*SW846 8260B*	*9073882*
Surr: Dibromofluoromethane (75-125%)	*102 %*					*07/24/09 16:43*	*SW846 8260B*	*9072897*
Surr: Dibromofluoromethane (75-125%)	*100 %*					*07/27/09 18:14*	*SW846 8260B*	*9073882*
Surr: Toluene-d8 (76-129%)	*115 %*					*07/24/09 16:43*	*SW846 8260B*	*9072897*
Surr: Toluene-d8 (76-129%)	*103 %*					*07/27/09 18:14*	*SW846 8260B*	*9073882*
Surr: 4-Bromofluorobenzene (67-147%)	*342 %*	*ZX*				*07/24/09 16:43*	*SW846 8260B*	*9072897*
Surr: 4-Bromofluorobenzene (67-147%)	*106 %*					*07/27/09 18:14*	*SW846 8260B*	*9073882*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
Acenaphthylene	ND		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
Anthracene	ND		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
Benzo (a) anthracene	ND		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
Benzo (a) pyrene	ND		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
Benzo (b) fluoranthene	ND		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
Benzo (g,h,i) perylene	ND		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
Benzo (k) fluoranthene	ND		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
Chrysene	ND		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
Dibenz (a,h) anthracene	ND		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
Fluoranthene	**0.979**		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
Fluorene	**3.04**		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
Naphthalene	**5.74**		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
Phenanthrene	**6.01**		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
Pyrene	**0.913**		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
1-Methylnaphthalene	**21.5**		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
2-Methylnaphthalene	**33.0**		mg/kg dry	0.771	10	07/20/09 22:20	SW846 8270D	9072561
Surr: Terphenyl-d14 (18-120%)	*74 %*					*07/20/09 22:20*	*SW846 8270D*	*9072561*
Surr: 2-Fluorobiphenyl (14-120%)	*4 %*	*ZX*				*07/20/09 22:20*	*SW846 8270D*	*9072561*
Surr: Nitrobenzene-d5 (17-120%)	*74 %*					*07/20/09 22:20*	*SW846 8270D*	*9072561*

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSG1392-04 (1391 Dove - Soil) Sampled: 07/15/09 11:45								
General Chemistry Parameters								
% Dry Solids	**80.6**		%	0.500	1	07/28/09 08:49	SW-846	9073886
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.0119**		mg/kg dry	0.00212	1	07/24/09 17:13	SW846 8260B	9072897
Ethylbenzene	**2.92**		mg/kg dry	0.107	50	07/28/09 02:37	SW846 8260B	9073896
Naphthalene	**29.0**		mg/kg dry	5.37	1000	07/28/09 03:07	SW846 8260B	9073896
Toluene	**0.0144**		mg/kg dry	0.00212	1	07/24/09 17:13	SW846 8260B	9072897
Xylenes, total	**9.84**		mg/kg dry	0.268	50	07/28/09 02:37	SW846 8260B	9073896
Surr: 1,2-Dichloroethane-d4 (67-138%)	*103 %*					*07/24/09 17:13*	*SW846 8260B*	*9072897*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*119 %*					*07/28/09 02:37*	*SW846 8260B*	*9073896*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*135 %*					*07/28/09 03:07*	*SW846 8260B*	*9073896*
Surr: Dibromofluoromethane (75-125%)	*112 %*					*07/24/09 17:13*	*SW846 8260B*	*9072897*
Surr: Dibromofluoromethane (75-125%)	*118 %*					*07/28/09 02:37*	*SW846 8260B*	*9073896*
Surr: Dibromofluoromethane (75-125%)	*113 %*					*07/28/09 03:07*	*SW846 8260B*	*9073896*
Surr: Toluene-d8 (76-129%)	*789 %*	*ZX*				*07/24/09 17:13*	*SW846 8260B*	*9072897*
Surr: Toluene-d8 (76-129%)	*99 %*					*07/28/09 02:37*	*SW846 8260B*	*9073896*
Surr: Toluene-d8 (76-129%)	*92 %*					*07/28/09 03:07*	*SW846 8260B*	*9073896*
Surr: 4-Bromofluorobenzene (67-147%)	*1310 %*	*ZX*				*07/24/09 17:13*	*SW846 8260B*	*9072897*
Surr: 4-Bromofluorobenzene (67-147%)	*126 %*					*07/28/09 02:37*	*SW846 8260B*	*9073896*
Surr: 4-Bromofluorobenzene (67-147%)	*98 %*					*07/28/09 03:07*	*SW846 8260B*	*9073896*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.815	10	07/20/09 22:42	SW846 8270D	9072561
Acenaphthylene	ND		mg/kg dry	0.815	10	07/20/09 22:42	SW846 8270D	9072561
Anthracene	**4.20**		mg/kg dry	0.815	10	07/20/09 22:42	SW846 8270D	9072561
Benzo (a) anthracene	**3.00**		mg/kg dry	0.815	10	07/20/09 22:42	SW846 8270D	9072561
Benzo (a) pyrene	ND		mg/kg dry	0.815	10	07/20/09 22:42	SW846 8270D	9072561
Benzo (b) fluoranthene	**1.32**		mg/kg dry	0.815	10	07/20/09 22:42	SW846 8270D	9072561
Benzo (g,h,i) perylene	ND		mg/kg dry	0.815	10	07/20/09 22:42	SW846 8270D	9072561
Benzo (k) fluoranthene	**0.940**		mg/kg dry	0.815	10	07/20/09 22:42	SW846 8270D	9072561
Chrysene	**2.46**		mg/kg dry	0.815	10	07/20/09 22:42	SW846 8270D	9072561
Dibenz (a,h) anthracene	ND		mg/kg dry	0.815	10	07/20/09 22:42	SW846 8270D	9072561
Fluoranthene	**19.3**		mg/kg dry	0.815	10	07/20/09 22:42	SW846 8270D	9072561
Fluorene	**7.51**		mg/kg dry	0.815	10	07/20/09 22:42	SW846 8270D	9072561
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.815	10	07/20/09 22:42	SW846 8270D	9072561
Naphthalene	**15.7**		mg/kg dry	0.815	10	07/20/09 22:42	SW846 8270D	9072561
Phenanthrene	**34.9**		mg/kg dry	0.815	10	07/20/09 22:42	SW846 8270D	9072561
Pyrene	**14.9**		mg/kg dry	0.815	10	07/20/09 22:42	SW846 8270D	9072561
1-Methylnaphthalene	**37.6**		mg/kg dry	4.07	50	07/21/09 16:01	SW846 8270D	9072561
2-Methylnaphthalene	**58.7**		mg/kg dry	4.07	50	07/21/09 16:01	SW846 8270D	9072561
Surr: Terphenyl-d14 (18-120%)	*70 %*					*07/20/09 22:42*	*SW846 8270D*	*9072561*
Surr: 2-Fluorobiphenyl (14-120%)	*7 %*	*ZX*				*07/20/09 22:42*	*SW846 8270D*	*9072561*
Surr: Nitrobenzene-d5 (17-120%)	*88 %*					*07/20/09 22:42*	*SW846 8270D*	*9072561*

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSG1392-05 (1387 Dove - Soil) Sampled: 07/15/09 09:15								
General Chemistry Parameters								
% Dry Solids	**80.6**		%	0.500	1	07/28/09 08:49	SW-846	9073886
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00220	1	07/27/09 17:45	SW846 8260B	9073882
Ethylbenzene	ND		mg/kg dry	0.00220	1	07/27/09 17:45	SW846 8260B	9073882
Naphthalene	ND		mg/kg dry	0.00549	1	07/27/09 17:45	SW846 8260B	9073882
Toluene	ND		mg/kg dry	0.00220	1	07/27/09 17:45	SW846 8260B	9073882
Xylenes, total	ND		mg/kg dry	0.00549	1	07/27/09 17:45	SW846 8260B	9073882
Surr: 1,2-Dichloroethane-d4 (67-138%)	*110 %*					*07/27/09 17:45*	*SW846 8260B*	*9073882*
Surr: Dibromofluoromethane (75-125%)	*119 %*					*07/27/09 17:45*	*SW846 8260B*	*9073882*
Surr: Toluene-d8 (76-129%)	*94 %*					*07/27/09 17:45*	*SW846 8260B*	*9073882*
Surr: 4-Bromofluorobenzene (67-147%)	*109 %*					*07/27/09 17:45*	*SW846 8260B*	*9073882*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
Acenaphthylene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
Anthracene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
Benzo (a) anthracene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
Benzo (a) pyrene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
Benzo (b) fluoranthene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
Benzo (k) fluoranthene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
Chrysene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
Fluoranthene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
Fluorene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
Naphthalene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
Phenanthrene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
Pyrene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
1-Methylnaphthalene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
2-Methylnaphthalene	ND		mg/kg dry	0.0811	1	07/20/09 00:13	SW846 8270D	9072561
Surr: Terphenyl-d14 (18-120%)	*66 %*					*07/20/09 00:13*	*SW846 8270D*	*9072561*
Surr: 2-Fluorobiphenyl (14-120%)	*59 %*					*07/20/09 00:13*	*SW846 8270D*	*9072561*
Surr: Nitrobenzene-d5 (17-120%)	*55 %*					*07/20/09 00:13*	*SW846 8270D*	*9072561*

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polyaromatic Hydrocarbons by EPA 8270D							
SW846 8270D	9072561	NSG1392-01	30.09	1.00	07/18/09 12:25	AJK	EPA 3550B
SW846 8270D	9072561	NSG1392-01RE1	30.09	1.00	07/18/09 12:25	AJK	EPA 3550B
SW846 8270D	9072561	NSG1392-02	30.09	2.00	07/18/09 12:25	AJK	EPA 3550B
SW846 8270D	9072561	NSG1392-02RE1	30.09	2.00	07/18/09 12:25	AJK	EPA 3550B
SW846 8270D	9072561	NSG1392-02RE2	30.09	2.00	07/18/09 12:25	AJK	EPA 3550B
SW846 8270D	9072561	NSG1392-03	30.62	1.00	07/18/09 12:25	AJK	EPA 3550B
SW846 8270D	9072561	NSG1392-03RE1	30.62	1.00	07/18/09 12:25	AJK	EPA 3550B
SW846 8270D	9072561	NSG1392-04	30.61	1.00	07/18/09 12:25	AJK	EPA 3550B
SW846 8270D	9072561	NSG1392-04RE1	30.61	1.00	07/18/09 12:25	AJK	EPA 3550B
SW846 8270D	9072561	NSG1392-04RE2	30.61	1.00	07/18/09 12:25	AJK	EPA 3550B
SW846 8270D	9072561	NSG1392-05	30.75	1.00	07/18/09 12:25	AJK	EPA 3550B
Selected Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	9072897	NSG1392-01	6.15	5.00	07/16/09 15:15	CHH	EPA 5035
SW846 8260B	9073882	NSG1392-01RE1	6.28	5.00	07/16/09 15:15	CHH	EPA 5035
SW846 8260B	9073882	NSG1392-01RE2	6.28	5.00	07/16/09 15:15	CHH	EPA 5035
SW846 8260B	9072897	NSG1392-02	5.80	5.00	07/16/09 11:00	CHH	EPA 5035
SW846 8260B	9073896	NSG1392-02RE1	5.45	5.00	07/16/09 11:00	CHH	EPA 5035
SW846 8260B	9073896	NSG1392-02RE2	5.45	5.00	07/16/09 11:00	CHH	EPA 5035
SW846 8260B	9072897	NSG1392-03	5.06	5.00	07/16/09 10:40	CHH	EPA 5035
SW846 8260B	9073882	NSG1392-03RE1	5.12	5.00	07/16/09 10:40	CHH	EPA 5035
SW846 8260B	9072897	NSG1392-04	5.84	5.00	07/15/09 11:45	CHH	EPA 5035
SW846 8260B	9073896	NSG1392-04RE1	5.78	5.00	07/15/09 11:45	CHH	EPA 5035
SW846 8260B	9073896	NSG1392-04RE2	5.78	5.00	07/15/09 11:45	CHH	EPA 5035
SW846 8260B	9072897	NSG1392-05	5.28	5.00	07/15/09 09:15	CHH	EPA 5035
SW846 8260B	9073882	NSG1392-05RE1	5.65	5.00	07/15/09 09:15	CHH	EPA 5035

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B						
9072897-BLK1						
Benzene	<0.000670		mg/kg wet	9072897	9072897-BLK1	07/24/09 15:11
Ethylbenzene	<0.000670		mg/kg wet	9072897	9072897-BLK1	07/24/09 15:11
Naphthalene	<0.00170		mg/kg wet	9072897	9072897-BLK1	07/24/09 15:11
Toluene	<0.000400		mg/kg wet	9072897	9072897-BLK1	07/24/09 15:11
Xylenes, total	<0.00130		mg/kg wet	9072897	9072897-BLK1	07/24/09 15:11
Surrogate: 1,2-Dichloroethane-d4	106%			9072897	9072897-BLK1	07/24/09 15:11
Surrogate: Dibromofluoromethane	108%			9072897	9072897-BLK1	07/24/09 15:11
Surrogate: Toluene-d8	90%			9072897	9072897-BLK1	07/24/09 15:11
Surrogate: 4-Bromofluorobenzene	107%			9072897	9072897-BLK1	07/24/09 15:11
9073882-BLK1						
Benzene	<0.000670		mg/kg wet	9073882	9073882-BLK1	07/27/09 14:31
Ethylbenzene	<0.000670		mg/kg wet	9073882	9073882-BLK1	07/27/09 14:31
Naphthalene	<0.00170		mg/kg wet	9073882	9073882-BLK1	07/27/09 14:31
Toluene	<0.000400		mg/kg wet	9073882	9073882-BLK1	07/27/09 14:31
Xylenes, total	<0.00130		mg/kg wet	9073882	9073882-BLK1	07/27/09 14:31
Surrogate: 1,2-Dichloroethane-d4	100%			9073882	9073882-BLK1	07/27/09 14:31
Surrogate: Dibromofluoromethane	101%			9073882	9073882-BLK1	07/27/09 14:31
Surrogate: Toluene-d8	96%			9073882	9073882-BLK1	07/27/09 14:31
Surrogate: 4-Bromofluorobenzene	106%			9073882	9073882-BLK1	07/27/09 14:31
9073896-BLK1						
Benzene	<0.000670		mg/kg wet	9073896	9073896-BLK1	07/28/09 02:08
Ethylbenzene	<0.000670		mg/kg wet	9073896	9073896-BLK1	07/28/09 02:08
Naphthalene	<0.00170		mg/kg wet	9073896	9073896-BLK1	07/28/09 02:08
Toluene	<0.000400		mg/kg wet	9073896	9073896-BLK1	07/28/09 02:08
Xylenes, total	<0.00130		mg/kg wet	9073896	9073896-BLK1	07/28/09 02:08
Surrogate: 1,2-Dichloroethane-d4	101%			9073896	9073896-BLK1	07/28/09 02:08
Surrogate: Dibromofluoromethane	107%			9073896	9073896-BLK1	07/28/09 02:08
Surrogate: Toluene-d8	94%			9073896	9073896-BLK1	07/28/09 02:08
Surrogate: 4-Bromofluorobenzene	110%			9073896	9073896-BLK1	07/28/09 02:08
Polyaromatic Hydrocarbons by EPA 8270D						
9072561-BLK1						
Acenaphthene	<0.0320		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27
Acenaphthylene	<0.0310		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27
Anthracene	<0.0330		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27
Benzo (a) anthracene	<0.0380		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27
Benzo (a) pyrene	<0.0300		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27
Benzo (b) fluoranthene	<0.0300		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27
Benzo (g,h,i) perylene	<0.0300		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27
Benzo (k) fluoranthene	<0.0300		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D						
9072561-BLK1						
Chrysene	<0.0400		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27
Dibenz (a,h) anthracene	<0.0310		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27
Fluoranthene	<0.0340		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27
Fluorene	<0.0360		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27
Indeno (1,2,3-cd) pyrene	<0.0310		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27
Naphthalene	<0.0410		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27
Phenanthrene	<0.0340		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27
Pyrene	<0.0410		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27
1-Methylnaphthalene	<0.0320		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27
2-Methylnaphthalene	<0.0330		mg/kg wet	9072561	9072561-BLK1	07/19/09 17:27
Surrogate: Terphenyl-d14	101%			9072561	9072561-BLK1	07/19/09 17:27
Surrogate: 2-Fluorobiphenyl	71%			9072561	9072561-BLK1	07/19/09 17:27
Surrogate: Nitrobenzene-d5	68%			9072561	9072561-BLK1	07/19/09 17:27

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
9073886-DUP1										
% Dry Solids	78.8	79.6		%	1	20	9073886	NSG1390-01		07/28/09 08:49

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
9072897-BS1								
Benzene	50.0	48.7		ug/kg	97%	78 - 126	9072897	07/24/09 13:13
Ethylbenzene	50.0	56.7		ug/kg	113%	79 - 130	9072897	07/24/09 13:13
Naphthalene	50.0	49.8		ug/kg	100%	72 - 150	9072897	07/24/09 13:13
Toluene	50.0	53.5		ug/kg	107%	76 - 126	9072897	07/24/09 13:13
Xylenes, total	150	182		ug/kg	121%	80 - 130	9072897	07/24/09 13:13
Surrogate: 1,2-Dichloroethane-d4	50.0	52.7			105%	67 - 138	9072897	07/24/09 13:13
Surrogate: Dibromofluoromethane	50.0	51.6			103%	75 - 125	9072897	07/24/09 13:13
Surrogate: Toluene-d8	50.0	52.0			104%	76 - 129	9072897	07/24/09 13:13
Surrogate: 4-Bromofluorobenzene	50.0	48.9			98%	67 - 147	9072897	07/24/09 13:13
9073882-BS1								
Benzene	50.0	49.3		ug/kg	99%	78 - 126	9073882	07/27/09 12:33
Ethylbenzene	50.0	56.1		ug/kg	112%	79 - 130	9073882	07/27/09 12:33
Naphthalene	50.0	53.8		ug/kg	108%	72 - 150	9073882	07/27/09 12:33
Toluene	50.0	52.5		ug/kg	105%	76 - 126	9073882	07/27/09 12:33
Xylenes, total	150	180		ug/kg	120%	80 - 130	9073882	07/27/09 12:33
Surrogate: 1,2-Dichloroethane-d4	50.0	45.6			91%	67 - 138	9073882	07/27/09 12:33
Surrogate: Dibromofluoromethane	50.0	45.2			90%	75 - 125	9073882	07/27/09 12:33
Surrogate: Toluene-d8	50.0	49.0			98%	76 - 129	9073882	07/27/09 12:33
Surrogate: 4-Bromofluorobenzene	50.0	47.6			95%	67 - 147	9073882	07/27/09 12:33
9073896-BS1								
Benzene	50.0	39.2		ug/kg	78%	78 - 126	9073896	07/28/09 00:39
Ethylbenzene	50.0	43.2		ug/kg	86%	79 - 130	9073896	07/28/09 00:39
Naphthalene	50.0	40.8		ug/kg	82%	72 - 150	9073896	07/28/09 00:39
Toluene	50.0	44.3		ug/kg	89%	76 - 126	9073896	07/28/09 00:39
Xylenes, total	150	136		ug/kg	91%	80 - 130	9073896	07/28/09 00:39
Surrogate: 1,2-Dichloroethane-d4	50.0	45.7			91%	67 - 138	9073896	07/28/09 00:39
Surrogate: Dibromofluoromethane	50.0	49.3			99%	75 - 125	9073896	07/28/09 00:39
Surrogate: Toluene-d8	50.0	50.0			100%	76 - 129	9073896	07/28/09 00:39
Surrogate: 4-Bromofluorobenzene	50.0	50.0			100%	67 - 147	9073896	07/28/09 00:39
Polyaromatic Hydrocarbons by EPA 8270D								
9072561-BS1								
Acenaphthene	1.67	1.43		mg/kg wet	86%	49 - 120	9072561	07/19/09 17:48
Acenaphthylene	1.67	1.52		mg/kg wet	91%	52 - 120	9072561	07/19/09 17:48
Anthracene	1.67	1.72		mg/kg wet	103%	58 - 120	9072561	07/19/09 17:48
Benzo (a) anthracene	1.67	1.64		mg/kg wet	98%	57 - 120	9072561	07/19/09 17:48
Benzo (a) pyrene	1.67	1.69		mg/kg wet	102%	55 - 120	9072561	07/19/09 17:48
Benzo (b) fluoranthene	1.67	1.50		mg/kg wet	90%	51 - 123	9072561	07/19/09 17:48
Benzo (g,h,i) perylene	1.67	1.72		mg/kg wet	103%	49 - 121	9072561	07/19/09 17:48
Benzo (k) fluoranthene	1.67	1.62		mg/kg wet	97%	42 - 129	9072561	07/19/09 17:48

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D								
9072561-BS1								
Chrysene	1.67	1.59		mg/kg wet	95%	55 - 120	9072561	07/19/09 17:48
Dibenz (a,h) anthracene	1.67	1.76		mg/kg wet	106%	50 - 123	9072561	07/19/09 17:48
Fluoranthene	1.67	1.54		mg/kg wet	92%	58 - 120	9072561	07/19/09 17:48
Fluorene	1.67	1.48		mg/kg wet	89%	54 - 120	9072561	07/19/09 17:48
Indeno (1,2,3-cd) pyrene	1.67	1.77		mg/kg wet	106%	50 - 122	9072561	07/19/09 17:48
Naphthalene	1.67	1.38		mg/kg wet	83%	28 - 107	9072561	07/19/09 17:48
Phenanthrene	1.67	1.56		mg/kg wet	94%	56 - 120	9072561	07/19/09 17:48
Pyrene	1.67	1.61		mg/kg wet	97%	56 - 120	9072561	07/19/09 17:48
1-Methylnaphthalene	1.67	1.23		mg/kg wet	74%	36 - 120	9072561	07/19/09 17:48
2-Methylnaphthalene	1.67	1.27		mg/kg wet	76%	36 - 120	9072561	07/19/09 17:48
Surrogate: Terphenyl-d14	1.67	1.60			96%	18 - 120	9072561	07/19/09 17:48
Surrogate: 2-Fluorobiphenyl	1.67	1.50			90%	14 - 120	9072561	07/19/09 17:48
Surrogate: Nitrobenzene-d5	1.67	1.21			72%	17 - 120	9072561	07/19/09 17:48

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
9072897-BSD1												
Benzene		41.8		ug/kg	50.0	84%	78 - 126	15	50	9072897		07/24/09 13:42
Ethylbenzene		51.2		ug/kg	50.0	102%	79 - 130	10	50	9072897		07/24/09 13:42
Naphthalene		43.3		ug/kg	50.0	87%	72 - 150	14	50	9072897		07/24/09 13:42
Toluene		42.8		ug/kg	50.0	86%	76 - 126	22	50	9072897		07/24/09 13:42
Xylenes, total		177		ug/kg	150	118%	80 - 130	3	50	9072897		07/24/09 13:42
Surrogate: 1,2-Dichloroethane-d4		49.6		ug/kg	50.0	99%	67 - 138			9072897		07/24/09 13:42
Surrogate: Dibromofluoromethane		50.3		ug/kg	50.0	101%	75 - 125			9072897		07/24/09 13:42
Surrogate: Toluene-d8		47.4		ug/kg	50.0	95%	76 - 129			9072897		07/24/09 13:42
Surrogate: 4-Bromofluorobenzene		48.2		ug/kg	50.0	96%	67 - 147			9072897		07/24/09 13:42
9073882-BSD1												
Benzene		51.8		ug/kg	50.0	104%	78 - 126	5	50	9073882		07/27/09 13:02
Ethylbenzene		55.2		ug/kg	50.0	110%	79 - 130	2	50	9073882		07/27/09 13:02
Naphthalene		46.4		ug/kg	50.0	93%	72 - 150	15	50	9073882		07/27/09 13:02
Toluene		48.4		ug/kg	50.0	97%	76 - 126	8	50	9073882		07/27/09 13:02
Xylenes, total		184		ug/kg	150	123%	80 - 130	2	50	9073882		07/27/09 13:02
Surrogate: 1,2-Dichloroethane-d4		51.4		ug/kg	50.0	103%	67 - 138			9073882		07/27/09 13:02
Surrogate: Dibromofluoromethane		52.4		ug/kg	50.0	105%	75 - 125			9073882		07/27/09 13:02
Surrogate: Toluene-d8		47.8		ug/kg	50.0	96%	76 - 129			9073882		07/27/09 13:02
Surrogate: 4-Bromofluorobenzene		49.5		ug/kg	50.0	99%	67 - 147			9073882		07/27/09 13:02

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B										
9072897-MS1										
Benzene	ND	1.78		mg/kg wet	1.90	94%	42 - 141	9072897	NSG1457-13RE1	07/24/09 20:40
Ethylbenzene	ND	1.92		mg/kg wet	1.90	101%	21 - 165	9072897	NSG1457-13RE1	07/24/09 20:40
Naphthalene	ND	1.64		mg/kg wet	1.90	87%	10 - 160	9072897	NSG1457-13RE1	07/24/09 20:40
Toluene	ND	1.83		mg/kg wet	1.90	96%	45 - 145	9072897	NSG1457-13RE1	07/24/09 20:40
Xylenes, total	ND	6.37		mg/kg wet	5.69	112%	31 - 159	9072897	NSG1457-13RE1	07/24/09 20:40
Surrogate: 1,2-Dichloroethane-d4		47.7		ug/kg	50.0	95%	67 - 138	9072897	NSG1457-13RE1	07/24/09 20:40
Surrogate: Dibromofluoromethane		47.1		ug/kg	50.0	94%	75 - 125	9072897	NSG1457-13RE1	07/24/09 20:40
Surrogate: Toluene-d8		48.4		ug/kg	50.0	97%	76 - 129	9072897	NSG1457-13RE1	07/24/09 20:40
Surrogate: 4-Bromofluorobenzene		47.7		ug/kg	50.0	95%	67 - 147	9072897	NSG1457-13RE1	07/24/09 20:40
9073882-MS1										
Benzene	ND	45.4		mg/kg dry	60.7	75%	42 - 141	9073882	NSG1392-01RE2	07/27/09 21:42
Ethylbenzene	1.41	51.2		mg/kg dry	60.7	82%	21 - 165	9073882	NSG1392-01RE2	07/27/09 21:42
Naphthalene	21.0	59.2		mg/kg dry	60.7	63%	10 - 160	9073882	NSG1392-01RE2	07/27/09 21:42
Toluene	ND	43.2		mg/kg dry	60.7	71%	45 - 145	9073882	NSG1392-01RE2	07/27/09 21:42
Xylenes, total	2.28	169		mg/kg dry	182	91%	31 - 159	9073882	NSG1392-01RE2	07/27/09 21:42
Surrogate: 1,2-Dichloroethane-d4		55.4		ug/kg	50.0	111%	67 - 138	9073882	NSG1392-01RE2	07/27/09 21:42
Surrogate: Dibromofluoromethane		51.9		ug/kg	50.0	104%	75 - 125	9073882	NSG1392-01RE2	07/27/09 21:42
Surrogate: Toluene-d8		47.4		ug/kg	50.0	95%	76 - 129	9073882	NSG1392-01RE2	07/27/09 21:42
Surrogate: 4-Bromofluorobenzene		47.0		ug/kg	50.0	94%	67 - 147	9073882	NSG1392-01RE2	07/27/09 21:42
9073896-MS1										
Benzene	ND	195		mg/kg dry	291	67%	42 - 141	9073896	NSG1392-02RE2	07/28/09 05:35
Ethylbenzene	6.98	213		mg/kg dry	291	71%	21 - 165	9073896	NSG1392-02RE2	07/28/09 05:35
Naphthalene	105	244		mg/kg dry	291	48%	10 - 160	9073896	NSG1392-02RE2	07/28/09 05:35
Toluene	ND	189		mg/kg dry	291	65%	45 - 145	9073896	NSG1392-02RE2	07/28/09 05:35

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B										
9073896-MS1										
Xylenes, total	31.0	687		mg/kg dry	872	75%	31 - 159	9073896	NSG1392-02RE2	07/28/09 05:35
Surrogate: 1,2-Dichloroethane-d4		52.2		ug/kg	50.0	104%	67 - 138	9073896	NSG1392-02RE2	07/28/09 05:35
Surrogate: Dibromofluoromethane		52.7		ug/kg	50.0	105%	75 - 125	9073896	NSG1392-02RE2	07/28/09 05:35
Surrogate: Toluene-d8		47.1		ug/kg	50.0	94%	76 - 129	9073896	NSG1392-02RE2	07/28/09 05:35
Surrogate: 4-Bromofluorobenzene		48.5		ug/kg	50.0	97%	67 - 147	9073896	NSG1392-02RE2	07/28/09 05:35
Polyaromatic Hydrocarbons by EPA 8270D										
9072561-MS1										
Acenaphthene	ND	1.29		mg/kg dry	1.85	70%	42 - 120	9072561	NSG1390-03	07/19/09 18:09
Acenaphthylene	ND	1.30		mg/kg dry	1.85	70%	32 - 120	9072561	NSG1390-03	07/19/09 18:09
Anthracene	ND	1.60		mg/kg dry	1.85	86%	10 - 200	9072561	NSG1390-03	07/19/09 18:09
Benzo (a) anthracene	ND	1.40		mg/kg dry	1.85	76%	41 - 120	9072561	NSG1390-03	07/19/09 18:09
Benzo (a) pyrene	0.368	1.50		mg/kg dry	1.85	61%	33 - 121	9072561	NSG1390-03	07/19/09 18:09
Benzo (b) fluoranthene	0.202	1.71		mg/kg dry	1.85	82%	26 - 137	9072561	NSG1390-03	07/19/09 18:09
Benzo (g,h,i) perylene	0.142	1.57		mg/kg dry	1.85	77%	21 - 124	9072561	NSG1390-03	07/19/09 18:09
Benzo (k) fluoranthene	ND	1.61		mg/kg dry	1.85	87%	14 - 140	9072561	NSG1390-03	07/19/09 18:09
Chrysene	0.0670	1.56		mg/kg dry	1.85	81%	28 - 123	9072561	NSG1390-03	07/19/09 18:09
Dibenz (a,h) anthracene	ND	1.50		mg/kg dry	1.85	81%	25 - 127	9072561	NSG1390-03	07/19/09 18:09
Fluoranthene	ND	1.52		mg/kg dry	1.85	82%	38 - 120	9072561	NSG1390-03	07/19/09 18:09
Fluorene	ND	1.51		mg/kg dry	1.85	81%	41 - 120	9072561	NSG1390-03	07/19/09 18:09
Indeno (1,2,3-cd) pyrene	0.111	1.63		mg/kg dry	1.85	82%	25 - 123	9072561	NSG1390-03	07/19/09 18:09
Naphthalene	ND	1.19		mg/kg dry	1.85	64%	25 - 120	9072561	NSG1390-03	07/19/09 18:09
Phenanthrene	ND	1.51		mg/kg dry	1.85	81%	37 - 120	9072561	NSG1390-03	07/19/09 18:09
Pyrene	ND	1.55		mg/kg dry	1.85	84%	29 - 125	9072561	NSG1390-03	07/19/09 18:09
1-Methylnaphthalene	ND	1.14		mg/kg dry	1.85	62%	19 - 120	9072561	NSG1390-03	07/19/09 18:09
2-Methylnaphthalene	ND	1.15		mg/kg dry	1.85	62%	11 - 120	9072561	NSG1390-03	07/19/09 18:09
Surrogate: Terphenyl-d14		1.52		mg/kg dry	1.85	82%	18 - 120	9072561	NSG1390-03	07/19/09 18:09
Surrogate: 2-Fluorobiphenyl		1.15		mg/kg dry	1.85	62%	14 - 120	9072561	NSG1390-03	07/19/09 18:09
Surrogate: Nitrobenzene-d5		1.08		mg/kg dry	1.85	58%	17 - 120	9072561	NSG1390-03	07/19/09 18:09

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
9072897-MSD1												
Benzene	ND	1.83		mg/kg wet	1.90	96%	42 - 141	3	50	9072897	NSG1457-13RE1	07/24/09 21:10
Ethylbenzene	ND	1.71		mg/kg wet	1.90	90%	21 - 165	11	50	9072897	NSG1457-13RE1	07/24/09 21:10
Naphthalene	ND	1.76		mg/kg wet	1.90	93%	10 - 160	7	50	9072897	NSG1457-13RE1	07/24/09 21:10
Toluene	ND	1.63		mg/kg wet	1.90	86%	45 - 145	12	50	9072897	NSG1457-13RE1	07/24/09 21:10
Xylenes, total	ND	5.53		mg/kg wet	5.69	97%	31 - 159	14	50	9072897	NSG1457-13RE1	07/24/09 21:10
Surrogate: 1,2-Dichloroethane-d4		59.3		ug/kg	50.0	119%	67 - 138			9072897	NSG1457-13RE1	07/24/09 21:10
Surrogate: Dibromofluoromethane		53.6		ug/kg	50.0	107%	75 - 125			9072897	NSG1457-13RE1	07/24/09 21:10
Surrogate: Toluene-d8		47.3		ug/kg	50.0	95%	76 - 129			9072897	NSG1457-13RE1	07/24/09 21:10
Surrogate: 4-Bromofluorobenzene		49.1		ug/kg	50.0	98%	67 - 147			9072897	NSG1457-13RE1	07/24/09 21:10
9073882-MSD1												
Benzene	ND	41.6		mg/kg dry	60.7	69%	42 - 141	9	50	9073882	NSG1392-01RE2	07/27/09 22:11
Ethylbenzene	1.41	49.3		mg/kg dry	60.7	79%	21 - 165	4	50	9073882	NSG1392-01RE2	07/27/09 22:11
Naphthalene	21.0	59.6		mg/kg dry	60.7	64%	10 - 160	0.7	50	9073882	NSG1392-01RE2	07/27/09 22:11
Toluene	ND	40.8		mg/kg dry	60.7	67%	45 - 145	6	50	9073882	NSG1392-01RE2	07/27/09 22:11
Xylenes, total	2.28	167		mg/kg dry	182	91%	31 - 159	1	50	9073882	NSG1392-01RE2	07/27/09 22:11
Surrogate: 1,2-Dichloroethane-d4		52.2		ug/kg	50.0	104%	67 - 138			9073882	NSG1392-01RE2	07/27/09 22:11
Surrogate: Dibromofluoromethane		49.6		ug/kg	50.0	99%	75 - 125			9073882	NSG1392-01RE2	07/27/09 22:11
Surrogate: Toluene-d8		47.5		ug/kg	50.0	95%	76 - 129			9073882	NSG1392-01RE2	07/27/09 22:11
Surrogate: 4-Bromofluorobenzene		51.1		ug/kg	50.0	102%	67 - 147			9073882	NSG1392-01RE2	07/27/09 22:11
9073896-MSD1												
Benzene	ND	210		mg/kg dry	291	72%	42 - 141	8	50	9073896	NSG1392-02RE2	07/28/09 06:04
Ethylbenzene	6.98	241		mg/kg dry	291	80%	21 - 165	12	50	9073896	NSG1392-02RE2	07/28/09 06:04
Naphthalene	105	270		mg/kg dry	291	57%	10 - 160	10	50	9073896	NSG1392-02RE2	07/28/09 06:04
Toluene	ND	220		mg/kg dry	291	76%	45 - 145	15	50	9073896	NSG1392-02RE2	07/28/09 06:04
Xylenes, total	31.0	804		mg/kg dry	872	89%	31 - 159	16	50	9073896	NSG1392-02RE2	07/28/09 06:04

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
9073896-MSD1												
Surrogate: 1,2-Dichloroethane-d4		53.1		ug/kg	50.0	106%	67 - 138			9073896	NSG1392-02RE2	07/28/09 06:04
Surrogate: Dibromofluoromethane		51.8		ug/kg	50.0	104%	75 - 125			9073896	NSG1392-02RE2	07/28/09 06:04
Surrogate: Toluene-d8		48.4		ug/kg	50.0	97%	76 - 129			9073896	NSG1392-02RE2	07/28/09 06:04
Surrogate: 4-Bromofluorobenzene		49.2		ug/kg	50.0	98%	67 - 147			9073896	NSG1392-02RE2	07/28/09 06:04
Polyaromatic Hydrocarbons by EPA 8270D												
9072561-MSD1												
Acenaphthene	ND	1.33		mg/kg dry	1.86	71%	42 - 120	3	40	9072561	NSG1390-03	07/19/09 18:31
Acenaphthylene	ND	1.32		mg/kg dry	1.86	71%	32 - 120	2	30	9072561	NSG1390-03	07/19/09 18:31
Anthracene	ND	1.62		mg/kg dry	1.86	87%	10 - 200	2	50	9072561	NSG1390-03	07/19/09 18:31
Benzo (a) anthracene	ND	1.46		mg/kg dry	1.86	78%	41 - 120	4	30	9072561	NSG1390-03	07/19/09 18:31
Benzo (a) pyrene	0.368	1.49		mg/kg dry	1.86	60%	33 - 121	1	33	9072561	NSG1390-03	07/19/09 18:31
Benzo (b) fluoranthene	0.202	1.77		mg/kg dry	1.86	84%	26 - 137	3	42	9072561	NSG1390-03	07/19/09 18:31
Benzo (g,h,i) perylene	0.142	1.60		mg/kg dry	1.86	78%	21 - 124	2	32	9072561	NSG1390-03	07/19/09 18:31
Benzo (k) fluoranthene	ND	1.50		mg/kg dry	1.86	80%	14 - 140	7	39	9072561	NSG1390-03	07/19/09 18:31
Chrysene	0.0670	1.50		mg/kg dry	1.86	77%	28 - 123	3	34	9072561	NSG1390-03	07/19/09 18:31
Dibenz (a,h) anthracene	ND	1.51		mg/kg dry	1.86	81%	25 - 127	0.8	31	9072561	NSG1390-03	07/19/09 18:31
Fluoranthene	ND	1.60		mg/kg dry	1.86	86%	38 - 120	5	35	9072561	NSG1390-03	07/19/09 18:31
Fluorene	ND	1.48		mg/kg dry	1.86	79%	41 - 120	2	37	9072561	NSG1390-03	07/19/09 18:31
Indeno (1,2,3-cd) pyrene	0.111	1.65		mg/kg dry	1.86	83%	25 - 123	1	32	9072561	NSG1390-03	07/19/09 18:31
Naphthalene	ND	1.21		mg/kg dry	1.86	65%	25 - 120	2	42	9072561	NSG1390-03	07/19/09 18:31
Phenanthrene	ND	1.52		mg/kg dry	1.86	81%	37 - 120	0.7	32	9072561	NSG1390-03	07/19/09 18:31
Pyrene	ND	1.49		mg/kg dry	1.86	80%	29 - 125	4	40	9072561	NSG1390-03	07/19/09 18:31
1-Methylnaphthalene	ND	1.16		mg/kg dry	1.86	62%	19 - 120	1	45	9072561	NSG1390-03	07/19/09 18:31
2-Methylnaphthalene	ND	1.16		mg/kg dry	1.86	62%	11 - 120	0.5	50	9072561	NSG1390-03	07/19/09 18:31
Surrogate: Terphenyl-d14		1.46		mg/kg dry	1.86	78%	18 - 120			9072561	NSG1390-03	07/19/09 18:31
Surrogate: 2-Fluorobiphenyl		1.24		mg/kg dry	1.86	67%	14 - 120			9072561	NSG1390-03	07/19/09 18:31
Surrogate: Nitrobenzene-d5		1.09		mg/kg dry	1.86	59%	17 - 120			9072561	NSG1390-03	07/19/09 18:31

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	South Carolina
SW846 8260B	Soil	N/A	X	X
SW846 8270D	Soil		X	X
SW-846	Soil			

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSG1392
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	07/17/09 08:00

DATA QUALIFIERS AND DEFINITIONS

I	Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
RL1	Reporting limit raised due to sample matrix effects.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

NSG1392

07/31/09 23:59

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

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

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

Compliance Monitoring? Yes ____ No ____

Enforcement Action? Yes ____ No ____

Client Name/Account #: EEG # 2449

Address: 10179 Highway 78

City/State/Zip: Ladson, SC 29456

Site State: SC

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

PO#: 0825

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

TA Quote #:

Sampler Name: (Print) Ron H Shaw

Project ID: Laurel Bay Housing Project

Sampler Signature:

Project #:

								Preservative							Matrix						Analyze For:													
Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Ice	HNO_3 (Red Label) $\frac{1}{2}$ H_2SO_4	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	None (Black Label)	Other (Specify) Methanol	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	BTEX + Napth - 8260B	PAH - 8270C											RUSH TAT (Pre-Schedule)
1 1393 Dove - 1	7/16/09	1515	5	X				2					2	1					X		3	2											
2 1392 Dove	7/16/09	1100	5	X				2					2	1					X		3	2											
3 1384 Dove	7/16/09	1040	5	X				2					2	1					X		3	2											
4 1391 Dove	7/15/09	1145	5	X				2					2	1					X		3	2											
5 1387 Dove	7/15/09	0915	5	X				2					2	1					X		3	2											

Special Instructions:

Method of Shipment: FEDEX

Laboratory Comments:

Temperature Upon Receipt:

VOCs Free of Headspace? Y

Relinquished by:	Date	Time	Received by:	Date	Time
	7/16/09	1900	Fedex		
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
				7/17	8:00

ATTACHMENT A

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

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

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

3. Generator's Name and Mailing Address
MCAS Beaufort
Laurel Bay Housing
Beaufort SC 29904

4. Generator's Phone 843 228-8480

A. Manifest Number WMNA

B. State Generator's ID

5. Transporter 1 Company Name EEG, Inc.

6. US EPA ID Number

C. State Transporter's ID

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
ROUTE 1, BOX 121
RIDGELAND SC 29936

10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone 843 987-4643

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Heating Oil Tank filled with Sand WM Profile # 102855SC	001		5.25		
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill ________ Solidification ________

Bio Remediation ________

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information
5 tanks 1) 1393 Dove - 1 2) 1392 Dove ✓ 3) 1384 Dove ✓ 4) 1391 Dove ✓ 5) 1389 Dove ✓

Purchase Order # EMERGENCY CONTACT:

16. GENERATOR'S CERTIFICATION:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

Printed/Typed Name	Signature "On behalf of"	Month Day Year
Charles H. Herron	Charles H. Herron	07/17/09

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
Joseph Weston		1/22/09

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
[illegible]		1/22/09

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

Printed/Typed Name	Signature	Month Day Year
Jan Collins	[illegible]	01/22/09

CWM - NHM - 1 - 5/97

#2 - GENERATOR #1 COPY

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

1387 Dove Lane, 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

	1387Dove				
A. Product...(ex. Gas, Kerosene).....	Heating oil				
B. Capacity..(ex. 1k, 2k).....	280 gal				
C. Age.....	Late 1950s				
D. Construction Material..(ex. Steel, FRP).....	Steel				
E. Month/Year of Last Use.....	Mid 1980s				
F. Depth (ft.) To Base of Tank.....	6'8"				
G. Spill Prevention Equipment Y/N.....	No				
H. Overfill Prevention Equipment Y/N.....	No				
I. Method of Closure Removed/Filled.....	Removed				
J. Date Tanks Removed/Filled.....	8/17/2015				
K. Visible Corrosion or Pitting Y/N.....	Yes				
L. Visible Holes Y/N.....	Yes				

M. Method of disposal for any USTs removed from the ground (attach disposal manifests)
UST 1387Dove was removed from the ground, cleaned and recycled. 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 1387Dove and disposed by MCAS.

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

VII. PIPING INFORMATION

	1387Dove				
A. Construction Material..(ex. Steel, FRP).....	Steel & Copper				
B. Distance from UST to Dispenser.....	N/A				
C. Number of Dispensers.....	N/A				
D. Type of System Pressure or Suction.....	Suction				
E. Was Piping Removed from the Ground? Y/N	No				
F. Visible Corrosion or Pitting Y/N.....	Yes				
G. Visible Holes Y/N.....	No				
H. Age.....	Late 1950s				

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

Corrosion and pitting were found on the surface of the steel vent pipe. The copper supply and return lines were sound.

VIII. BRIEF SITE DESCRIPTION AND HISTORY

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

IX. SITE CONDITIONS

	Yes	No	Unk
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 #
1387 Dove	Excav at fill end	Soil	Sandy	6'8"	8/17/15 1430 hrs	P. Shaw	
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

* = Depth Below the Surrounding Land Surface

XI. SAMPLING METHODOLOGY

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

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

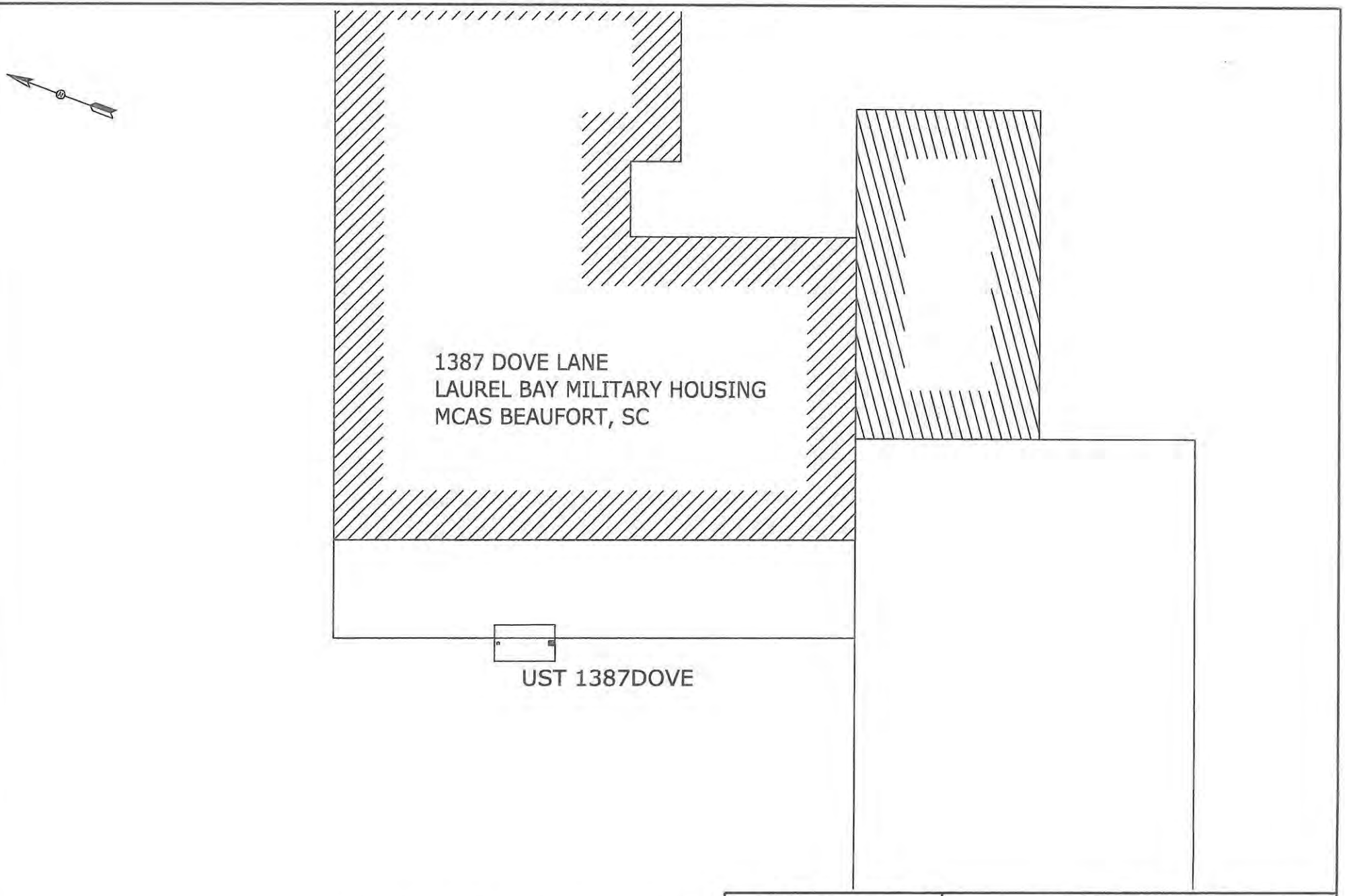
XII. RECEPTORS

	Yes	No
A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system? 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 & geothermal 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 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)

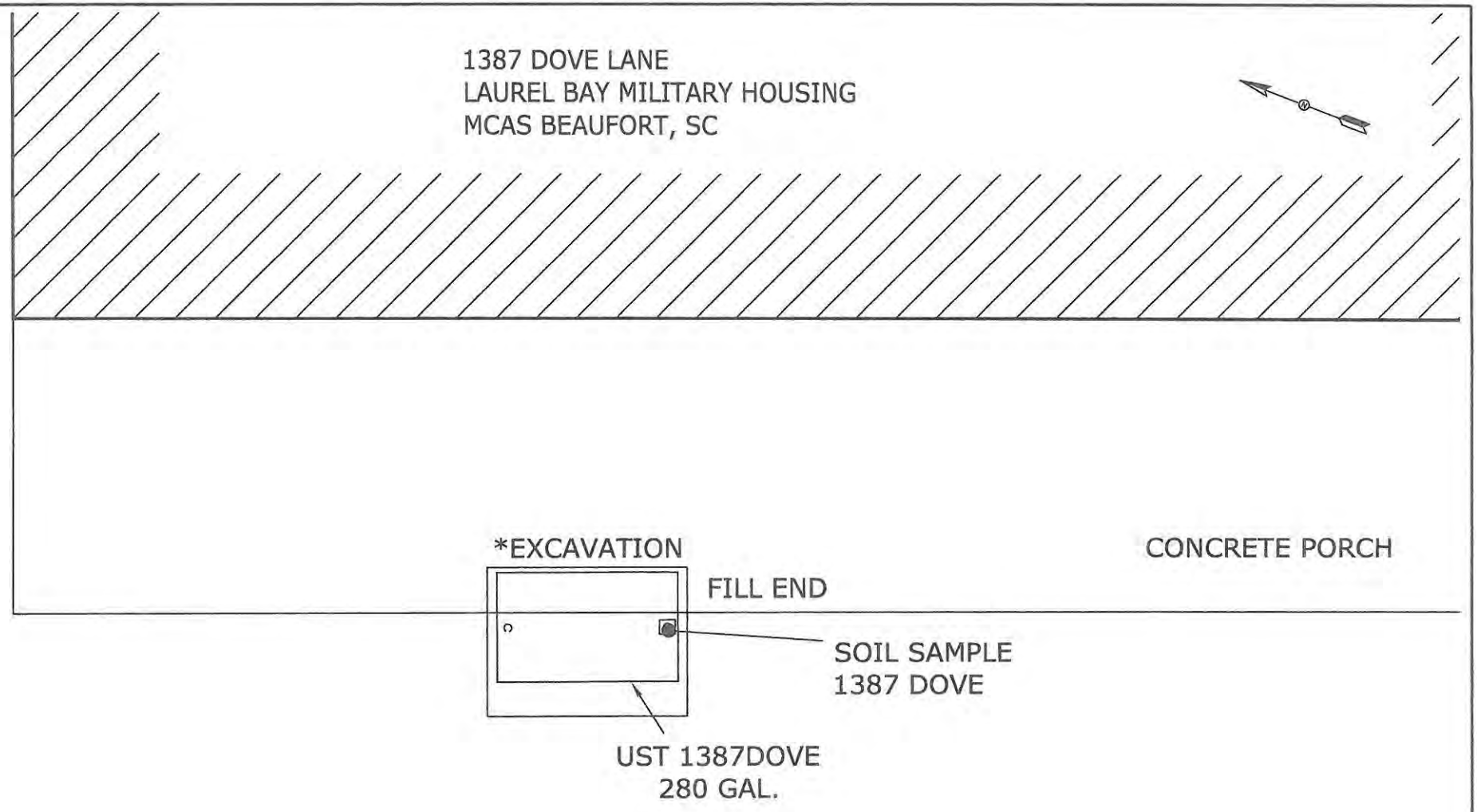


TANK DEPTH BELOW GRADE
1387DOVE = 44"

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

FIGURE 1 SITE MAP
1387 DOVE LANE, LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC | DWG DATE SEPT 2015



GRAPHIC SCALE
0 5'

*A PORTION OF THE PORCH WAS REMOVED TO FACILITATE REMOVAL OF THE TANK.

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

FIGURE 2 UST SAMPLE LOCATIONS
1387 DOVE LANE, LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC | DWG DATE SEPT 2015

Picture 1: Location of UST 1387 Dove.

Picture 2: Tank excavation.

Picture 3: Site after tank removal is completed.

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	1387Dove						
Benzene	ND						
Toluene	0.0122 mg/kg						
Ethylbenzene	0.00516 mg/kg						
Xylenes	0.0274 mg/kg						
Naphthalene	0.0172 mg/kg						
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 Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-85844-1
Client Project/Site: Laurel Bay Housing Project
Revision: 1

For:
Small Business Group Inc.
10179 Highway 78
Ladson, South Carolina 29456

Attn: Tom McElwee

Authorized for release by:
9/4/2015 2:36:21 PM

Ken Hayes, Project Manager II
(615)301-5035
ken.hayes@testamericainc.com

Table of Contents

Sample Summary

Client: Small Business Group Inc.
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-85844-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-85844-1	1387 Dove	Soil	08/17/15 14:30	08/22/15 10:45
490-85844-2	1100 Iris-2	Soil	08/18/15 12:00	08/22/15 10:45

Job ID: 490-85844-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-85844-1

REVISED REPORT: Revised to correct the sample date on 1100 Iris - 2 (490-85844-2) to 08/18/15 as listed on the chain of custody. This report replaces the one generated on 08/31/15 @ 1239.

Comments
No additional comments.

Receipt
The samples were received on 8/22/2015 10:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.0° C.

GC/MS VOA
Method(s) 8260B: Surrogate recovery for the following sample was outside control limits: 1387 Dove (490-85844-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with analytical batch 490-277520.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: (LCS 490-276378/2-A). As such, surrogate and MS/MSD spike recoveries were diluted out and are not reported.

Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: 1387 Dove (490-85844-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

GC/MS Semi VOA

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
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
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 ID: 1387 Dove

Date Collected: 08/17/15 14:30
Date Received: 08/22/15 10:45

Lab Sample ID: 490-85844-1
Matrix: Soil

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00251	0.000840	mg/Kg		08/17/15 14:30	08/30/15 10:35	1
Ethylbenzene	0.00516		0.00251	0.000840	mg/Kg		08/17/15 14:30	08/30/15 10:35	1
Naphthalene	0.0172		0.00627	0.00213	mg/Kg		08/17/15 14:30	08/30/15 10:35	1
Toluene	0.0122		0.00251	0.000928	mg/Kg		08/17/15 14:30	08/30/15 10:35	1
Xylenes, Total	0.0274		0.00627	0.00154	mg/Kg		08/17/15 14:30	08/30/15 10:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*70 - 130*	*08/17/15 14:30*	*08/30/15 10:35*	*1*
4-Bromofluorobenzene (Surr)	*131*	*X*	*70 - 130*	*08/17/15 14:30*	*08/30/15 10:35*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*08/17/15 14:30*	*08/30/15 10:35*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*	*08/17/15 14:30*	*08/30/15 10:35*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.332	0.0495	mg/Kg		08/26/15 12:14	08/27/15 14:13	5
Acenaphthylene	ND		0.332	0.0446	mg/Kg		08/26/15 12:14	08/27/15 14:13	5
Anthracene	ND		0.332	0.0446	mg/Kg		08/26/15 12:14	08/27/15 14:13	5
Benzo[a]anthracene	ND		0.332	0.0743	mg/Kg		08/26/15 12:14	08/27/15 14:13	5
Benzo[a]pyrene	ND		0.332	0.0594	mg/Kg		08/26/15 12:14	08/27/15 14:13	5
Benzo[b]fluoranthene	ND		0.332	0.0594	mg/Kg		08/26/15 12:14	08/27/15 14:13	5
Benzo[g,h,i]perylene	ND		0.332	0.0446	mg/Kg		08/26/15 12:14	08/27/15 14:13	5
Benzo[k]fluoranthene	ND		0.332	0.0693	mg/Kg		08/26/15 12:14	08/27/15 14:13	5
1-Methylnaphthalene	0.179	J	0.332	0.0693	mg/Kg		08/26/15 12:14	08/27/15 14:13	5
Pyrene	ND		0.332	0.0594	mg/Kg		08/26/15 12:14	08/27/15 14:13	5
Phenanthrene	ND		0.332	0.0446	mg/Kg		08/26/15 12:14	08/27/15 14:13	5
Chrysene	ND		0.332	0.0446	mg/Kg		08/26/15 12:14	08/27/15 14:13	5
Dibenz(a,h)anthracene	ND		0.332	0.0347	mg/Kg		08/26/15 12:14	08/27/15 14:13	5
Fluoranthene	ND		0.332	0.0446	mg/Kg		08/26/15 12:14	08/27/15 14:13	5
Fluorene	ND		0.332	0.0594	mg/Kg		08/26/15 12:14	08/27/15 14:13	5
Indeno[1,2,3-cd]pyrene	ND		0.332	0.0495	mg/Kg		08/26/15 12:14	08/27/15 14:13	5
Naphthalene	ND		0.332	0.0446	mg/Kg		08/26/15 12:14	08/27/15 14:13	5
2-Methylnaphthalene	0.249	J	0.332	0.0792	mg/Kg		08/26/15 12:14	08/27/15 14:13	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*62*		*29 - 120*	*08/26/15 12:14*	*08/27/15 14:13*	*5*
Terphenyl-d14 (Surr)	*65*		*13 - 120*	*08/26/15 12:14*	*08/27/15 14:13*	*5*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*	*08/26/15 12:14*	*08/27/15 14:13*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	92		0.10	0.10	%			08/25/15 09:19	1

Client Sample ID: 1100 Iris-2

Date Collected: 08/18/15 12:00
Date Received: 08/22/15 10:45

Lab Sample ID: 490-85844-2

Matrix: Soil

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00213	0.000714	mg/Kg		08/17/15 12:00	08/30/15 11:02	1
Ethylbenzene	0.00219		0.00213	0.000714	mg/Kg		08/17/15 12:00	08/30/15 11:02	1
Naphthalene	0.00653		0.00533	0.00181	mg/Kg		08/17/15 12:00	08/30/15 11:02	1
Toluene	0.00712		0.00213	0.000789	mg/Kg		08/17/15 12:00	08/30/15 11:02	1
Xylenes, Total	0.0106		0.00533	0.00131	mg/Kg		08/17/15 12:00	08/30/15 11:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*70 - 130*	*08/17/15 12:00*	*08/30/15 11:02*	*1*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*08/17/15 12:00*	*08/30/15 11:02*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*08/17/15 12:00*	*08/30/15 11:02*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*	*08/17/15 12:00*	*08/30/15 11:02*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0658	0.00982	mg/Kg		08/26/15 12:14	08/27/15 14:37	1
Acenaphthylene	ND		0.0658	0.00884	mg/Kg		08/26/15 12:14	08/27/15 14:37	1
Anthracene	ND		0.0658	0.00884	mg/Kg		08/26/15 12:14	08/27/15 14:37	1
Benzo[a]anthracene	ND		0.0658	0.0147	mg/Kg		08/26/15 12:14	08/27/15 14:37	1
Benzo[a]pyrene	ND		0.0658	0.0118	mg/Kg		08/26/15 12:14	08/27/15 14:37	1
Benzo[b]fluoranthene	ND		0.0658	0.0118	mg/Kg		08/26/15 12:14	08/27/15 14:37	1
Benzo[g,h,i]perylene	ND		0.0658	0.00884	mg/Kg		08/26/15 12:14	08/27/15 14:37	1
Benzo[k]fluoranthene	ND		0.0658	0.0138	mg/Kg		08/26/15 12:14	08/27/15 14:37	1
1-Methylnaphthalene	ND		0.0658	0.0138	mg/Kg		08/26/15 12:14	08/27/15 14:37	1
Pyrene	ND		0.0658	0.0118	mg/Kg		08/26/15 12:14	08/27/15 14:37	1
Phenanthrene	ND		0.0658	0.00884	mg/Kg		08/26/15 12:14	08/27/15 14:37	1
Chrysene	ND		0.0658	0.00884	mg/Kg		08/26/15 12:14	08/27/15 14:37	1
Dibenz(a,h)anthracene	ND		0.0658	0.00688	mg/Kg		08/26/15 12:14	08/27/15 14:37	1
Fluoranthene	ND		0.0658	0.00884	mg/Kg		08/26/15 12:14	08/27/15 14:37	1
Fluorene	ND		0.0658	0.0118	mg/Kg		08/26/15 12:14	08/27/15 14:37	1
Indeno[1,2,3-cd]pyrene	ND		0.0658	0.00982	mg/Kg		08/26/15 12:14	08/27/15 14:37	1
Naphthalene	ND		0.0658	0.00884	mg/Kg		08/26/15 12:14	08/27/15 14:37	1
2-Methylnaphthalene	ND		0.0658	0.0157	mg/Kg		08/26/15 12:14	08/27/15 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*40*		*29 - 120*	*08/26/15 12:14*	*08/27/15 14:37*	*1*
Terphenyl-d14 (Surr)	*46*		*13 - 120*	*08/26/15 12:14*	*08/27/15 14:37*	*1*
Nitrobenzene-d5 (Surr)	*37*		*27 - 120*	*08/26/15 12:14*	*08/27/15 14:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	83		0.10	0.10	%			08/25/15 09:19	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-277520/7
Matrix: Solid
Analysis Batch: 277520

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00200	0.000670	mg/Kg			08/30/15 06:28	1
Ethylbenzene	ND		0.00200	0.000670	mg/Kg			08/30/15 06:28	1
Naphthalene	ND		0.00500	0.00170	mg/Kg			08/30/15 06:28	1
Toluene	ND		0.00200	0.000740	mg/Kg			08/30/15 06:28	1
Xylenes, Total	ND		0.00500	0.00123	mg/Kg			08/30/15 06:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*		*08/30/15 06:28*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*08/30/15 06:28*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*08/30/15 06:28*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/30/15 06:28*	*1*

Lab Sample ID: LCS 490-277520/3
Matrix: Solid
Analysis Batch: 277520

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.04993		mg/Kg		100	75 - 127
Ethylbenzene	0.0500	0.04274		mg/Kg		85	80 - 134
Naphthalene	0.0500	0.05080		mg/Kg		102	69 - 150
Toluene	0.0500	0.04126		mg/Kg		83	80 - 132
Xylenes, Total	0.100	0.08594		mg/Kg		86	80 - 137

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*86*		*70 - 130*

Lab Sample ID: LCSD 490-277520/4
Matrix: Solid
Analysis Batch: 277520

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.04960		mg/Kg		99	75 - 127	1	50
Ethylbenzene	0.0500	0.04301		mg/Kg		86	80 - 134	1	50
Naphthalene	0.0500	0.05395		mg/Kg		108	69 - 150	6	50
Toluene	0.0500	0.04290		mg/Kg		86	80 - 132	4	50
Xylenes, Total	0.100	0.08584		mg/Kg		86	80 - 137	0	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*86*		*70 - 130*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-276378/1-A
Matrix: Solid
Analysis Batch: 276714

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 276378

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0670	0.0100	mg/Kg		08/26/15 12:14	08/27/15 13:25	1
Acenaphthylene	ND		0.0670	0.00900	mg/Kg		08/26/15 12:14	08/27/15 13:25	1
Anthracene	ND		0.0670	0.00900	mg/Kg		08/26/15 12:14	08/27/15 13:25	1
Benzo[a]anthracene	ND		0.0670	0.0150	mg/Kg		08/26/15 12:14	08/27/15 13:25	1
Benzo[a]pyrene	ND		0.0670	0.0120	mg/Kg		08/26/15 12:14	08/27/15 13:25	1
Benzo[b]fluoranthene	ND		0.0670	0.0120	mg/Kg		08/26/15 12:14	08/27/15 13:25	1
Benzo[g,h,i]perylene	ND		0.0670	0.00900	mg/Kg		08/26/15 12:14	08/27/15 13:25	1
Benzo[k]fluoranthene	ND		0.0670	0.0140	mg/Kg		08/26/15 12:14	08/27/15 13:25	1
1-Methylnaphthalene	ND		0.0670	0.0140	mg/Kg		08/26/15 12:14	08/27/15 13:25	1
Pyrene	ND		0.0670	0.0120	mg/Kg		08/26/15 12:14	08/27/15 13:25	1
Phenanthrene	ND		0.0670	0.00900	mg/Kg		08/26/15 12:14	08/27/15 13:25	1
Chrysene	ND		0.0670	0.00900	mg/Kg		08/26/15 12:14	08/27/15 13:25	1
Dibenz(a,h)anthracene	ND		0.0670	0.00700	mg/Kg		08/26/15 12:14	08/27/15 13:25	1
Fluoranthene	ND		0.0670	0.00900	mg/Kg		08/26/15 12:14	08/27/15 13:25	1
Fluorene	ND		0.0670	0.0120	mg/Kg		08/26/15 12:14	08/27/15 13:25	1
Indeno[1,2,3-cd]pyrene	ND		0.0670	0.0100	mg/Kg		08/26/15 12:14	08/27/15 13:25	1
Naphthalene	ND		0.0670	0.00900	mg/Kg		08/26/15 12:14	08/27/15 13:25	1
2-Methylnaphthalene	ND		0.0670	0.0160	mg/Kg		08/26/15 12:14	08/27/15 13:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*72*		*29 - 120*	*08/26/15 12:14*	*08/27/15 13:25*	*1*
Terphenyl-d14 (Surr)	*77*		*13 - 120*	*08/26/15 12:14*	*08/27/15 13:25*	*1*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*	*08/26/15 12:14*	*08/27/15 13:25*	*1*

Lab Sample ID: LCS 490-276378/2-A
Matrix: Solid
Analysis Batch: 276714

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 276378

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthylene	1.67	1.086		mg/Kg		65	38 - 120
Anthracene	1.67	1.070		mg/Kg		64	46 - 124
Benzo[a]anthracene	1.67	1.060		mg/Kg		64	45 - 120
Benzo[a]pyrene	1.67	1.044		mg/Kg		63	45 - 120
Benzo[b]fluoranthene	1.67	0.9941		mg/Kg		60	42 - 120
Benzo[g,h,i]perylene	1.67	1.107		mg/Kg		66	38 - 120
Benzo[k]fluoranthene	1.67	1.065		mg/Kg		64	42 - 120
1-Methylnaphthalene	1.67	1.082		mg/Kg		65	32 - 120
Pyrene	1.67	1.009		mg/Kg		61	43 - 120
Phenanthrene	1.67	1.017		mg/Kg		61	45 - 120
Chrysene	1.67	1.043		mg/Kg		63	43 - 120
Dibenz(a,h)anthracene	1.67	1.104		mg/Kg		66	32 - 128
Fluoranthene	1.67	1.071		mg/Kg		64	46 - 120
Fluorene	1.67	1.051		mg/Kg		63	42 - 120
Indeno[1,2,3-cd]pyrene	1.67	1.088		mg/Kg		65	41 - 121
Naphthalene	1.67	1.034		mg/Kg		62	32 - 120
2-Methylnaphthalene	1.67	1.007		mg/Kg		60	28 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-276378/2-A
Matrix: Solid
Analysis Batch: 276714

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 276378

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	62		29 - 120
Terphenyl-d14 (Surr)	63		13 - 120
Nitrobenzene-d5 (Surr)	67		27 - 120

Method: Moisture - Percent Moisture

Lab Sample ID: 490-85856-J-2 DU
Matrix: Solid
Analysis Batch: 275908

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	84		84		%		0.6	20

QC Association Summary

Client: Small Business Group Inc.
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-85844-1

GC/MS VOA

Prep Batch: 276308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-85844-1	1387 Dove	Total/NA	Soil	5035	
490-85844-2	1100 Iris-2	Total/NA	Soil	5035	

Analysis Batch: 277520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-85844-1	1387 Dove	Total/NA	Soil	8260B	276308
490-85844-2	1100 Iris-2	Total/NA	Soil	8260B	276308
LCS 490-277520/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-277520/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-277520/7	Method Blank	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 276378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-85844-1	1387 Dove	Total/NA	Soil	3550C	
490-85844-2	1100 Iris-2	Total/NA	Soil	3550C	
LCS 490-276378/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 490-276378/1-A	Method Blank	Total/NA	Solid	3550C	

Analysis Batch: 276714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-85844-1	1387 Dove	Total/NA	Soil	8270D	276378
490-85844-2	1100 Iris-2	Total/NA	Soil	8270D	276378
LCS 490-276378/2-A	Lab Control Sample	Total/NA	Solid	8270D	276378
MB 490-276378/1-A	Method Blank	Total/NA	Solid	8270D	276378

General Chemistry

Analysis Batch: 275908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-85844-1	1387 Dove	Total/NA	Soil	Moisture	
490-85844-2	1100 Iris-2	Total/NA	Soil	Moisture	
490-85856-J-2 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Small Business Group Inc.
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-85844-1

Client Sample ID: 1387 Dove

Date Collected: 08/17/15 14:30
Date Received: 08/22/15 10:45

Lab Sample ID: 490-85844-1
Matrix: Soil

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.316 g	5.00 mL	276308	08/17/15 14:30	MAH	TAL NSH
Total/NA	Analysis	8260B		1	4.316 g	5.00 mL	277520	08/30/15 10:35	RP	TAL NSH
Total/NA	Prep	3550C			32.78 g	1 mL	276378	08/26/15 12:14	LDC	TAL NSH
Total/NA	Analysis	8270D		5	32.78 g	1 mL	276714	08/27/15 14:13	SNR	TAL NSH
Total/NA	Analysis	Moisture		1			275908	08/25/15 09:19	MNM	TAL NSH

Client Sample ID: 1100 Iris-2

Date Collected: 08/18/15 12:00
Date Received: 08/22/15 10:45

Lab Sample ID: 490-85844-2
Matrix: Soil

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.632 g	5.00 mL	276308	08/17/15 12:00	MAH	TAL NSH
Total/NA	Analysis	8260B		1	5.632 g	5.00 mL	277520	08/30/15 11:02	RP	TAL NSH
Total/NA	Prep	3550C			36.68 g	1 mL	276378	08/26/15 12:14	LDC	TAL NSH
Total/NA	Analysis	8270D		1	36.68 g	1 mL	276714	08/27/15 14:37	SNR	TAL NSH
Total/NA	Analysis	Moisture		1			275908	08/25/15 09:19	MNM	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Small Business Group Inc.
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-85844-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL NSH
Moisture	Percent Moisture	EPA	TAL NSH

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Small Business Group Inc.
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-85844-1

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
North Carolina (WW/SW)	State Program	4	387	12-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Soil	Percent Solids

South Carolina	State Program	4	84009 (001)	02-28-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8270D	3550C	Soil	1-Methylnaphthalene
Moisture		Soil	Percent Solids

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

490-85844 Chain of Custody

COOLER RECEIPT FORM

Cooler Received/Opened On 8/22/2015 @ 1045

1. Tracking # 9073 (last 4 digits, FedEx)

Courier: Fed-ex IR Gun ID 17960357

2. Temperature of rep. sample or temp blank when opened: 5.0 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO (NA)

4. Were custody seals on outside of cooler? (YES) NO NA

If yes, how many and where: 1 Front / 1 Back

5. Were the seals intact, signed, and dated correctly? (YES) NO NA

6. Were custody papers inside cooler? (YES) NO NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES (NO) and Intact YES NO (NA)

Were these signed and dated correctly? YES NO (NA)

8. Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES) NO NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES) NO NA

12. Did all container labels and tags agree with custody papers? (YES) NO NA

13a. Were VOA vials received? (YES) NO NA

b. Was there any observable headspace present in any VOA vial? YES NO (NA)

14. Was there a Trip Blank in this cooler? YES (NO) NA If multiple coolers, sequence # _____

I certify that I unloaded the cooler and answered questions 7-14 (intial) MDM

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO (NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES) NO NA

16. Was residual chlorine present? YES NO (NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) MDM

17. Were custody papers properly filled out (ink, signed, etc)? (YES) NO NA

18. Did you sign the custody papers in the appropriate place? (YES) NO NA

19. Were correct containers used for the analysis requested? (YES) NO NA

20. Was sufficient amount of sample sent in each container? (YES) NO NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) MDM

I certify that I attached a label with the unique LIMS number to each container (intial) MDM

21. Were there Non-Conformance issues at login? YES (NO) Was a NCM generated? YES (NO) #_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 11/28/12

Loc: 490
85844

9/4/2015

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

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

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

Compliance Monitoring? Yes ____ No ____
Enforcement Action? Yes ____ No ____

Client Name/Account #: SBG - EEG # 2449
Address: 10179 Highway 78
City/State/Zip: Ladson, SC 29456
Project Manager: Tom McElwee email: mcelwee@eeginc.net
Telephone Number: 843.412.2097 **Fax No.:** (843) 412-2027
Sampler Name: (Print) Pratt Shaw
Sampler Signature: [signature]

Site State: SC
PO#: 1406
TA Quote #:
Project ID: Laurel Bay Housing Project
Project #:

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	Preservative: HNO_3 (Red Label)	Preservative: ~~HCl (Blue Label)~~ Sodium Bisulfate	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO_4 Glass (Yellow Label)	Preservative: None (Black Label)	Preservative: Other (Specify) Methanol	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify):	Analyze For: BTEX + Napth - 8260	Analyze For: PAH - 8270D										RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
1387 Dove	8/17/15	1430	5	X					2				2	1					X		X	X									-1				
1100 Iris - 2	8/18/15	1200	5	X					2				2	1					X		X	X									2				

Special Instructions:

Method of Shipment: FEDEX

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8/21/15	1000	Fedex		

Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
			[signature] TAN	8-22-15	1015

Laboratory Comments:
Temperature Upon Receipt: 5.°c
VOCs Free of Headspace? Y N

Login Sample Receipt Checklist

Client: Small Business Group Inc.

Job Number: 490-85844-1

Login Number: 85844
List Number: 1
Creator: McBride, Mike

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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 1387Dove, 1387 Dove Lane, 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.L. [illegible] / 9/24/15

(Name) (Date)

Appendix C
Regulatory Correspondence

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

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

Bureau of Land and Waste Management
Division of Waste Management

March 11, 2010

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

RE: No Further Action
Laurel Bay Underground Storage Tank Assessment Report for:
- 1387 Dove

Dear Mr. Drawdy,

The South Carolina Department of Health and Environmental Control (the Department) received the above referenced Underground Storage Tanks (USTs) Assessment Report on October 8, 2009 for the address listed above.

The Department has reviewed the referenced assessment report and agrees there is no indication of soil or groundwater contamination on this 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 Corp 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 picketcn@dhec.sc.gov or 803-896-4131.

Sincerely,

Christi Pickett

Christi Pickett
Corrective Action Engineering Section
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control

cc: Laurel Rhoten (via email)
Craig Ehde (via email)

August 3, 2016

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
Dated July 2015, November 2015

Dear Mr. Drawdy:

The South Carolina Department of Health and Environmental Control (the Department) received the Underground Storage Tanks (USTs) Assessment Reports for the addresses listed in the attachment. 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 petruslb@dhec.sc.gov or 803-898-0294.

Sincerely,

Laurel Petrus, Environmental Engineer Associate
Bureau of Land and Waste Management

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

Attachment to: Petrus to Drawdy
Subject: No Further Action
Dated August 3, 2016

Laurel Bay Underground Assessment Reports for (28 addresses/29 tanks)

No Further Action recommendation:	
309 Ash	1001 Bobwhite
477 Dogwood Tank 2	1020 Foxglove
563 Dahlia	1063 Gardenia
659 Camellia	1065 Gardenia Tank 2
1213 Cardinal	1100 Iris Tank 3*
114 Banyan	1139 Iris
158 Cypress	1141 Iris Tank 2
459 Elderberry	1174 Bobwhite
611 Dahlia	1184 Bobwhite Tank 1
656 Camellia	1184 Bobwhite Tank 2
671 Camellia	1220 Cardinal
678 Camellia	1253 Dove
724 Bluebell	1332 Albatross
732 Bluebell	1387 Dove
934 Albacore	
*1100 Iris Tank 1-NFA 12/19/2008, Tank 2-NFA 7/1/15; Paperwork for Tank 3 is labeled Tank 2	