SUMMARY REPORT
373 ALBATROSS DRIVE (FORMERLY 1334 ALBATROSS DRIVE)
LAUREL BAY MILITARY HOUSING AREA
MARINE CORPS AIR STATION BEAUFORT
BEAUFORT, SC

Revision: 0
Prepared for:

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

and

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

JUNE 2021

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Prepared by:

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 373 Albatross Drive (Formerly 1334 Albatross Drive). This NFA determination indicates that there are no unacceptable risks to human health or the environment for the petroleum constituents associated with the home heating oil USTs. The following information is included in this report:

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

1.1 Background Information

The LBMH area is located approximately 3.5 miles west of MCAS Beaufort. The area is approximately 970 acres in size and serves as an enlisted and officer family housing area. The area is configured with single family and duplex residential structures, and includes recreation, open space, and community facilities. The community includes approximately 1,300 housing units, including legacy Capehart style homes and newer duplex style homes. The housing area is bordered on the west by salt marshes and the Broad River, and to the north, east and south by uplands. Forested areas lie along the northern and northeastern borders.

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

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

1.2 UST Removal and Assessment Process

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

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

Soil sample results were submitted by MCAS Beaufort to SCDHEC utilizing SCDHEC's UST Assessment Report form. In accordance with SCDHEC's *QAPP for the UST Management Division* (SCDHEC, 2016), the soil screening levels consists of SCDHEC risk-based screening levels (RBSLs). It should be noted that the RBSLs for select PAHs were revised in Revision 2.0 of the QAPP (SCDHEC, 2013) and were revised again in Revision 3.0 (SCDHEC, 2015). The screening levels

used for evaluation at each site were those levels that were in effect at the time of reporting and review by SCDHEC.

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

2.0 SAMPLING ACTIVITIES AND RESULTS

The following section presents the sampling activities and associated results for 373 Albatross Drive (Formerly 1334 Albatross Drive). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 1334 Albatross Drive* (MCAS Beaufort, 2011). The UST Assessment Report is provided in Appendix B.

2.1 UST Removal and Soil Sampling

On May 23, 2011, a single 280 gallon heating oil UST was removed from the front yard adjacent to the driveway area at 373 Albatross Drive (Formerly 1334 Albatross Drive). The former UST location is indicated on Figures 2 and 3 of the UST Assessment Report (Appendix B). The UST was removed and properly disposed of (i.e., shipped offsite for recycling or transported to a landfill). There was no visual evidence (i.e., staining or sheen) of petroleum impact at the time of the UST removal. According to the UST Assessment Report (Appendix B), the depth to the base of the UST was 6'1" bgs and a single soil sample was collected from that depth. The sample was collected from the fill port side of the former UST to represent a worst case scenario.

Following UST removal, a soil sample was collected from the base of the excavation and shipped to an offsite laboratory for analysis of the petroleum COPCs. Sampling was performed in

accordance with applicable South Carolina regulation R.61-92, Part 280 (SCDHEC, 2017) and assessment guidelines.

2.2 Soil Analytical Results

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

The soil sample results were submitted by MCAS Beaufort to SCDHEC utilizing SCDHEC's UST Assessment Report form (Appendix B). The results of the soil sampling at the former UST location were used by MCAS Beaufort, in consultation with SCDHEC, to determine a path forward (i.e., additional sampling or NFA) for the property. The soil results collected from 373 Albatross Drive (Formerly 1334 Albatross Drive) were less than the SCDHEC RBSLs, which indicated the subsurface was not impacted by COPCs associated with the former UST at concentrations that presented a potential risk to human health and the environment.

3.0 PROPERTY STATUS

Based on the analytical results for soil, SCDHEC made the determination that NFA was required for 373 Albatross Drive (Formerly 1334 Albatross Drive). This NFA determination was obtained in a letter dated July 1, 2015. SCDHEC's NFA letter is provided in Appendix C.

4.0 REFERENCES

Marine Corps Air Station Beaufort, 2011. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 1334 Albatross Drive, Laurel Bay Military Housing Area*, September 2011.

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

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

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

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

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

Table

Table 1
Laboratory Analytical Results - Soil
373 Albatross Drive (Formerly 1334 Albatross Drive)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs [(1)]	Results Sample Collected 05/23/11
Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)		
Benzene	0.003	ND
Ethylbenzene	1.15	ND
Naphthalene	0.036	ND
Toluene	0.627	ND
Xylenes, Total	13.01	ND
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (mg/kg)		
Benzo(a)anthracene	0.66	ND
Benzo(b)fluoranthene	0.66	ND
Benzo(k)fluoranthene	0.66	ND
Chrysene	0.66	ND
Dibenz(a,h)anthracene	0.66	ND

Notes:

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

Bold font indicates the analyte was detected.

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

EPA - United States Environmental Protection Agency

mg/kg - milligram per kilogram

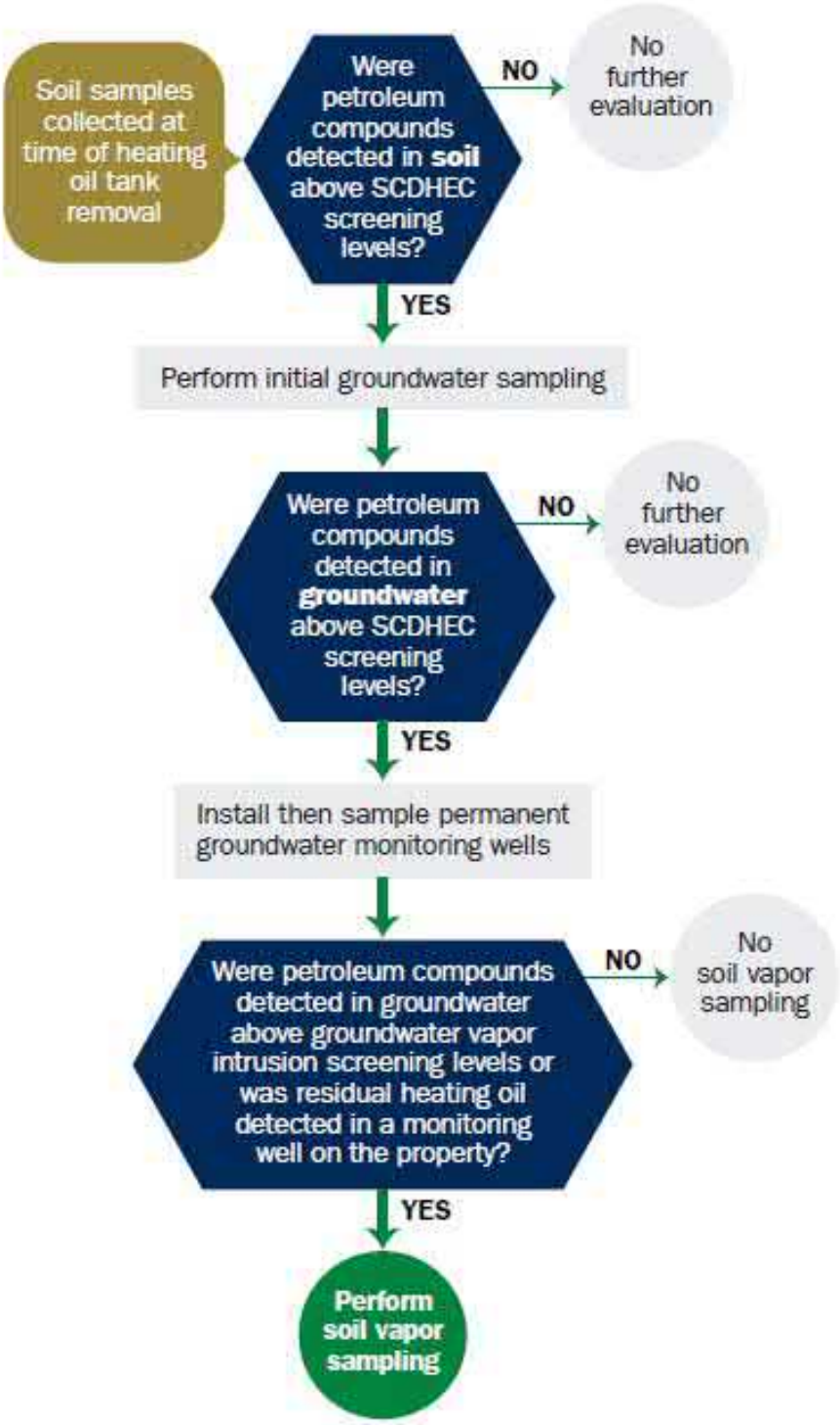
ND - not detected at the reporting limit (or method detection limit if shown on the laboratory report). The laboratory report is provided in Appendix B.

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

Appendix A
Multi-Media Selection Process for LBMH

CDM - AECOM
Multimedia Joint Venture



Appendix A - Multi-Media Selection Process for LBMH

Appendix B
UST Assessment Report

CDM - AECOM
Multimedia Joint Venture

Rec'd 9/30/11

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

1334 Albatross Drive, 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).....	1334 Albatross				
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.....	6'1"				
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.....	5/23/11				
L. Visible Holes Y/N.....	Yes				
	Yes				

M. Method of disposal for any USTs removed from the ground (attach disposal manifests)
UST 1334Albatross 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 1334Albatross had been previously filled with sand by others.

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

VII. PIPING INFORMATION

1334 Albatross				
Steel & Copper				
N/A				
N/A				
Suction				
Yes				
Yes				
No				
Late 1950s				

A. Construction Material..(ex. Steel, FRP).....

B. Distance from UST to Dispenser.....

C. Number of Dispensers.....

D. Type of System Pressure or Suction.....

E. Was Piping Removed from the Ground? Y/N

F. Visible Corrosion or Pitting Y/N.....

G. Visible Holes Y/N.....

H. Age.....

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

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 84009

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA #
1334 Albatros	Excav at fill end	Soil	Sandy	6'1"	5/23/11 1145 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? *Pond ~ 590' If yes, indicate type of receptor, distance, and direction on site map.	*X	
B.	Are there any public, private, or irrigation water supply wells within 1000 feet of the UST system? If yes, indicate type of well, distance, and direction on site map.		X
C.	Are there any underground structures (e.g., basements) Located within 100 feet of the UST system? If yes, indicate type of structure, distance, and direction on site map.		X
D.	Are there any underground utilities (e.g., telephone, electricity, gas, water, sewer, storm drain) located within 100 feet of the UST system that could potentially come in contact with the contamination? *Sewer, water, electricity, cable & fiber optic If yes, indicate the type of utility, distance, and direction on the site map.	*X	
E.	Has contaminated soil been identified at a depth less than 3 feet below land surface in an area that is not capped by asphalt or concrete? If yes, indicate the area of contaminated soil on the site map.		X

XIII. SITE MAP

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

(Attach Site Map Here)

1334 ALBATROSS DR.

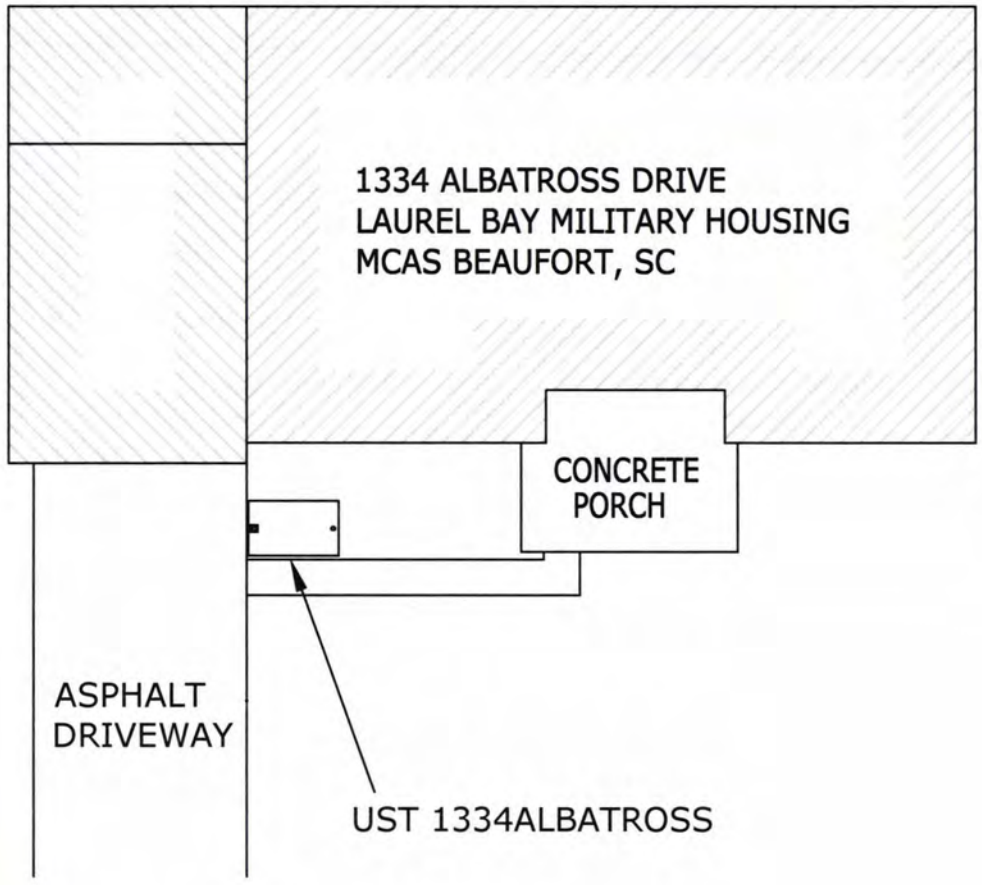
SBG-EEG, Inc.
398 E. 5th North Street, Suite C
Summerville SC 29483-6954
Ph. (843) 875-1930

Drawn By: L. DiAsio

Dwg Date: JUNE 2011

FIGURE 1: LOCATION MAP
1334 ALBATROSS DR.
LAUREL BAY, BEAUFORT SC

POND ≈ 590'



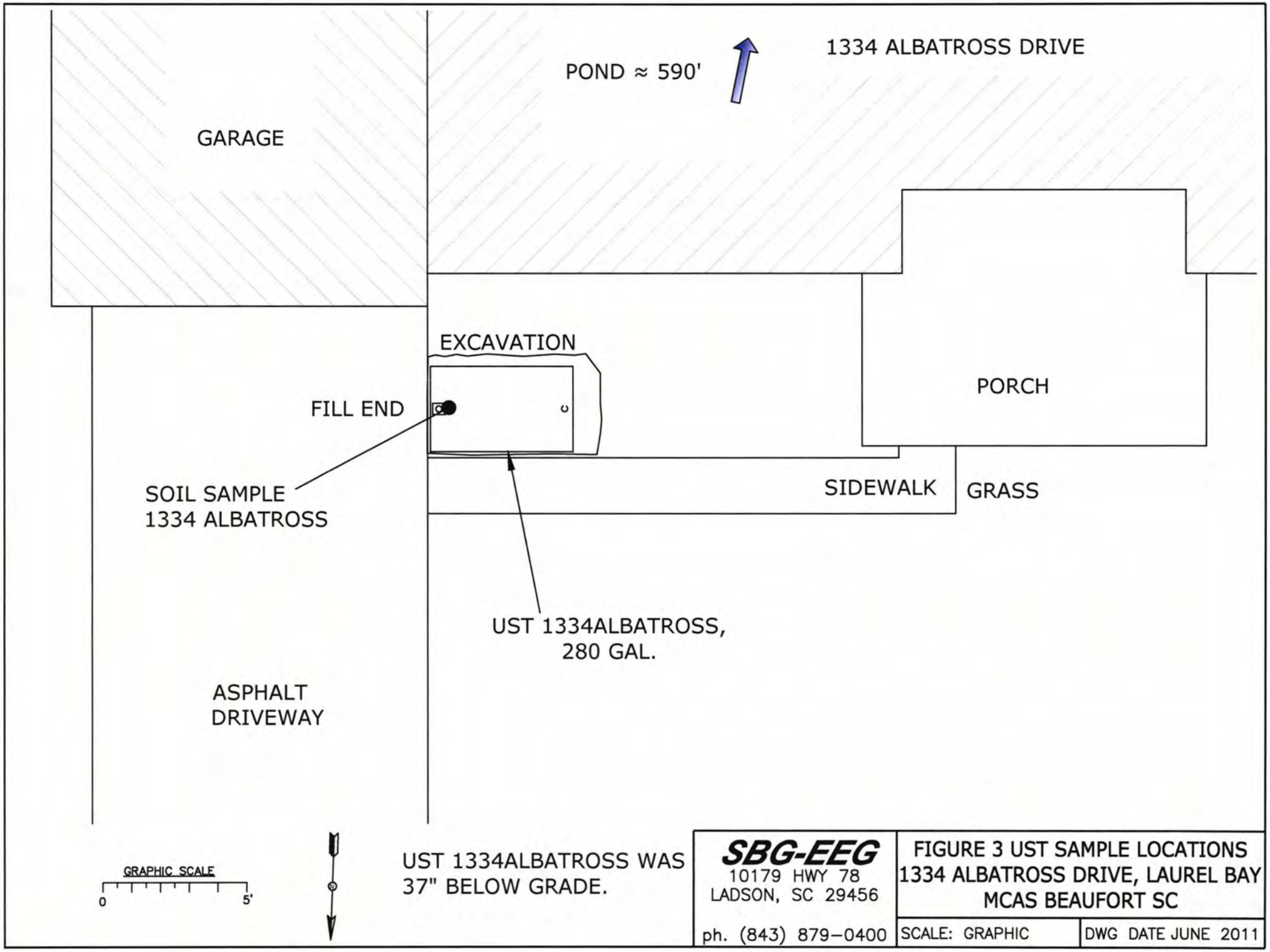
GRAPHIC SCALE

0 5' 10' 20'

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

FIGURE 2 SITE MAP
1334 ALBATROSS DRIVE, LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC | DWG DATE JUNE 2011



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

FIGURE 3 UST SAMPLE LOCATIONS
1334 ALBATROSS DRIVE, LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC | DWG DATE JUNE 2011

Picture 1: Location of UST 1334Albatross.

Picture 2: UST 1334Albatross.

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	1334Albatross						
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

June 14, 2011 4:26:43PM

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

Work Order: NUE4876
Project Name: Laurel Bay Housing Project
Project Nbr: [none]
P/O Nbr: 1027
Date Received: 05/28/11

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
1334 Albatross	NUE4876-01	05/23/11 11:45
306 Ash	NUE4876-02	05/24/11 11:45
316 Ash	NUE4876-03	05/24/11 16:00
320 Ash	NUE4876-04	05/25/11 14:45
319 Ash	NUE4876-05	05/26/11 11:30
331 Ash	NUE4876-06	05/26/11 16:00

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: 84009

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:

Roxanne L. Connor

Roxanne Connor

Program Manager - Conventional Accounts

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUE4876-01 (1334 Albatross - Soil) Sampled: 05/23/11 11:45										
General Chemistry Parameters										
% Dry Solids	94.3		%	0.500	0.500	1	06/01/11 13:38	SW-846	AMS	11E7556
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00117	0.00213	1	05/31/11 16:03	SW846 8260B	KKK	11E7260
Ethylbenzene	ND		mg/kg dry	0.00104	0.00213	1	05/31/11 16:03	SW846 8260B	KKK	11E7260
Naphthalene	ND		mg/kg dry	0.00181	0.00533	1	05/31/11 16:03	SW846 8260B	KKK	11E7260
Toluene	ND		mg/kg dry	0.000948	0.00213	1	05/31/11 16:03	SW846 8260B	KKK	11E7260
Xylenes, total	ND		mg/kg dry	0.00202	0.00533	1	05/31/11 16:03	SW846 8260B	KKK	11E7260
Surr: 1,2-Dichloroethane-d4 (67-138%)	*99 %*					*1*	*05/31/11 16:03*	*SW846 8260B*	*KKK*	*11E7260*
Surr: Dibromofluoromethane (75-125%)	*99 %*					*1*	*05/31/11 16:03*	*SW846 8260B*	*KKK*	*11E7260*
Surr: Toluene-d8 (76-129%)	*101 %*					*1*	*05/31/11 16:03*	*SW846 8260B*	*KKK*	*11E7260*
Surr: 4-Bromofluorobenzene (67-147%)	*105 %*					*1*	*05/31/11 16:03*	*SW846 8260B*	*KKK*	*11E7260*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0149	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
Acenaphthylene	ND		mg/kg dry	0.0212	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
Anthracene	ND		mg/kg dry	0.00955	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
Benzo (a) anthracene	ND		mg/kg dry	0.0117	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
Benzo (a) pyrene	ND		mg/kg dry	0.00849	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
Benzo (b) fluoranthene	ND		mg/kg dry	0.0403	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
Benzo (g,h,i) perylene	ND		mg/kg dry	0.00955	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
Benzo (k) fluoranthene	ND		mg/kg dry	0.0392	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
Chrysene	ND		mg/kg dry	0.0329	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0159	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
Fluoranthene	ND		mg/kg dry	0.0117	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
Fluorene	ND		mg/kg dry	0.0212	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0329	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
Naphthalene	ND		mg/kg dry	0.0149	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
Phenanthrene	ND		mg/kg dry	0.0106	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
Pyrene	ND		mg/kg dry	0.0244	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
1-Methylnaphthalene	ND		mg/kg dry	0.0127	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
2-Methylnaphthalene	ND		mg/kg dry	0.0223	0.0711	1	06/01/11 15:22	SW846 8270D	JLS	11E7498
Surr: Terphenyl-d14 (18-120%)	*92 %*					*1*	*06/01/11 15:22*	*SW846 8270D*	*JLS*	*11E7498*
Surr: 2-Fluorobiphenyl (14-120%)	*58 %*					*1*	*06/01/11 15:22*	*SW846 8270D*	*JLS*	*11E7498*
Surr: Nitrobenzene-d5 (17-120%)	*59 %*					*1*	*06/01/11 15:22*	*SW846 8270D*	*JLS*	*11E7498*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUE4876-02 (306 Ash - Soil) Sampled: 05/24/11 11:45										
General Chemistry Parameters										
% Dry Solids	**73.6**		%	0.500	0.500	1	06/01/11 13:38	SW-846	AMS	11E7556
Volatile Organic Compounds by EPA Method 8260B										
Benzene	**0.0281**		mg/kg dry	0.00116	0.00211	1	05/31/11 16:33	SW846 8260B	KKK	11E7260
Ethylbenzene	**1.44**		mg/kg dry	0.0641	0.131	50	06/01/11 13:07	SW846 8260B	KKK	11F0105
Naphthalene	**8.27**		mg/kg dry	0.111	0.327	50	06/01/11 13:07	SW846 8260B	KKK	11F0105
Toluene	ND		mg/kg dry	0.000939	0.00211	1	05/31/11 16:33	SW846 8260B	KKK	11E7260
Xylenes, total	**0.0510**		mg/kg dry	0.00201	0.00528	1	05/31/11 16:33	SW846 8260B	KKK	11E7260
Surr: 1,2-Dichloroethane-d4 (67-138%)	*95 %*					*1*	*05/31/11 16:33*	*SW846 8260B*	*KKK*	*11E7260*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*92 %*					*50*	*06/01/11 13:07*	*SW846 8260B*	*KKK*	*11F0105*
Surr: Dibromofluoromethane (75-125%)	*98 %*					*1*	*05/31/11 16:33*	*SW846 8260B*	*KKK*	*11E7260*
Surr: Dibromofluoromethane (75-125%)	*96 %*					*50*	*06/01/11 13:07*	*SW846 8260B*	*KKK*	*11F0105*
Surr: Toluene-d8 (76-129%)	*190 %*	*ZX*				*1*	*05/31/11 16:33*	*SW846 8260B*	*KKK*	*11E7260*
Surr: Toluene-d8 (76-129%)	*102 %*					*50*	*06/01/11 13:07*	*SW846 8260B*	*KKK*	*11F0105*
Surr: 4-Bromofluorobenzene (67-147%)	*262 %*	*ZX*				*1*	*05/31/11 16:33*	*SW846 8260B*	*KKK*	*11E7260*
Surr: 4-Bromofluorobenzene (67-147%)	*105 %*					*50*	*06/01/11 13:07*	*SW846 8260B*	*KKK*	*11F0105*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	**0.433**		mg/kg dry	0.0189	0.0907	1	06/01/11 15:44	SW846 8270D	JLS	11E7498
Acenaphthylene	ND		mg/kg dry	0.0271	0.0907	1	06/01/11 15:44	SW846 8270D	JLS	11E7498
Anthracene	**0.335**		mg/kg dry	0.0122	0.0907	1	06/01/11 15:44	SW846 8270D	JLS	11E7498
Benzo (a) anthracene	**0.364**		mg/kg dry	0.0149	0.0907	1	06/01/11 15:44	SW846 8270D	JLS	11E7498
Benzo (a) pyrene	**0.183**		mg/kg dry	0.0108	0.0907	1	06/01/11 15:44	SW846 8270D	JLS	11E7498
Benzo (b) fluoranthene	**0.223**		mg/kg dry	0.0514	0.0907	1	06/01/11 15:44	SW846 8270D	JLS	11E7498
Benzo (g,h,i) perylene	**0.0627**	J	mg/kg dry	0.0122	0.0907	1	06/01/11 15:44	SW846 8270D	JLS	11E7498
Benzo (k) fluoranthene	**0.171**		mg/kg dry	0.0501	0.0907	1	06/01/11 15:44	SW846 8270D	JLS	11E7498
Chrysene	**0.374**		mg/kg dry	0.0420	0.0907	1	06/01/11 15:44	SW846 8270D	JLS	11E7498
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0203	0.0907	1	06/01/11 15:44	SW846 8270D	JLS	11E7498
Fluoranthene	**0.775**		mg/kg dry	0.0149	0.0907	1	06/01/11 15:44	SW846 8270D	JLS	11E7498
Fluorene	**0.869**		mg/kg dry	0.0271	0.0907	1	06/01/11 15:44	SW846 8270D	JLS	11E7498
Indeno (1,2,3-cd) pyrene	**0.0686**	J	mg/kg dry	0.0420	0.0907	1	06/01/11 15:44	SW846 8270D	JLS	11E7498
Naphthalene	**1.84**		mg/kg dry	0.0189	0.0907	1	06/01/11 15:44	SW846 8270D	JLS	11E7498
Phenanthrene	**2.39**		mg/kg dry	0.0135	0.0907	1	06/01/11 15:44	SW846 8270D	JLS	11E7498
Pyrene	**0.729**		mg/kg dry	0.0311	0.0907	1	06/01/11 15:44	SW846 8270D	JLS	11E7498
1-Methylnaphthalene	**7.15**		mg/kg dry	0.162	0.907	10	06/03/11 16:03	SW846 8270D	JLS	11E7498
2-Methylnaphthalene	**11.9**		mg/kg dry	0.284	0.907	10	06/03/11 16:03	SW846 8270D	JLS	11E7498
Surr: Terphenyl-d14 (18-120%)	*95 %*					*1*	*06/01/11 15:44*	*SW846 8270D*	*JLS*	*11E7498*
Surr: 2-Fluorobiphenyl (14-120%)	*70 %*					*1*	*06/01/11 15:44*	*SW846 8270D*	*JLS*	*11E7498*
Surr: Nitrobenzene-d5 (17-120%)	*72 %*					*1*	*06/01/11 15:44*	*SW846 8270D*	*JLS*	*11E7498*

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUE4876-03 (316 Ash - Soil) Sampled: 05/24/11 16:00										
General Chemistry Parameters										
% Dry Solids	**82.1**		%	0.500	0.500	1	06/01/11 13:38	SW-846	AMS	11E7556
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00112	0.00204	1	06/01/11 13:37	SW846 8260B	KKK	11F0105
Ethylbenzene	**0.0599**		mg/kg dry	0.000998	0.00204	1	06/01/11 13:37	SW846 8260B	KKK	11F0105
Naphthalene	**1.43**		mg/kg dry	0.0856	0.252	50	06/01/11 14:06	SW846 8260B	KKK	11F0105
Toluene	**0.00352**		mg/kg dry	0.000907	0.00204	1	06/01/11 13:37	SW846 8260B	KKK	11F0105
Xylenes, total	**0.0235**		mg/kg dry	0.00194	0.00509	1	06/01/11 13:37	SW846 8260B	KKK	11F0105
Surr: 1,2-Dichloroethane-d4 (67-138%)	*94 %*					*1*	*06/01/11 13:37*	*SW846 8260B*	*KKK*	*11F0105*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*89 %*					*50*	*06/01/11 14:06*	*SW846 8260B*	*KKK*	*11F0105*
Surr: Dibromofluoromethane (75-125%)	*102 %*					*1*	*06/01/11 13:37*	*SW846 8260B*	*KKK*	*11F0105*
Surr: Dibromofluoromethane (75-125%)	*93 %*					*50*	*06/01/11 14:06*	*SW846 8260B*	*KKK*	*11F0105*
Surr: Toluene-d8 (76-129%)	*200 %*	*ZX*				*1*	*06/01/11 13:37*	*SW846 8260B*	*KKK*	*11F0105*
Surr: Toluene-d8 (76-129%)	*100 %*					*50*	*06/01/11 14:06*	*SW846 8260B*	*KKK*	*11F0105*
Surr: 4-Bromofluorobenzene (67-147%)	*293 %*	*ZX*				*1*	*06/01/11 13:37*	*SW846 8260B*	*KKK*	*11F0105*
Surr: 4-Bromofluorobenzene (67-147%)	*103 %*					*50*	*06/01/11 14:06*	*SW846 8260B*	*KKK*	*11F0105*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0169	0.0810	1	06/01/11 16:06	SW846 8270D	JLS	11E7498
Acenaphthylene	ND		mg/kg dry	0.0242	0.0810	1	06/01/11 16:06	SW846 8270D	JLS	11E7498
Anthracene	**0.426**		mg/kg dry	0.0109	0.0810	1	06/01/11 16:06	SW846 8270D	JLS	11E7498
Benzo (a) anthracene	**0.0830**		mg/kg dry	0.0133	0.0810	1	06/01/11 16:06	SW846 8270D	JLS	11E7498
Benzo (a) pyrene	ND		mg/kg dry	0.00967	0.0810	1	06/01/11 16:06	SW846 8270D	JLS	11E7498
Benzo (b) fluoranthene	ND		mg/kg dry	0.0460	0.0810	1	06/01/11 16:06	SW846 8270D	JLS	11E7498
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0109	0.0810	1	06/01/11 16:06	SW846 8270D	JLS	11E7498
Benzo (k) fluoranthene	ND		mg/kg dry	0.0447	0.0810	1	06/01/11 16:06	SW846 8270D	JLS	11E7498
Chrysene	**0.120**		mg/kg dry	0.0375	0.0810	1	06/01/11 16:06	SW846 8270D	JLS	11E7498
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0181	0.0810	1	06/01/11 16:06	SW846 8270D	JLS	11E7498
Fluoranthene	**0.321**		mg/kg dry	0.0133	0.0810	1	06/01/11 16:06	SW846 8270D	JLS	11E7498
Fluorene	**2.32**		mg/kg dry	0.0242	0.0810	1	06/01/11 16:06	SW846 8270D	JLS	11E7498
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0375	0.0810	1	06/01/11 16:06	SW846 8270D	JLS	11E7498
Naphthalene	**2.99**		mg/kg dry	0.0169	0.0810	1	06/01/11 16:06	SW846 8270D	JLS	11E7498
Phenanthrene	**10.4**		mg/kg dry	0.121	0.810	10	06/03/11 16:25	SW846 8270D	JLS	11E7498
Pyrene	**0.616**		mg/kg dry	0.0278	0.0810	1	06/01/11 16:06	SW846 8270D	JLS	11E7498
1-Methylnaphthalene	**19.8**		mg/kg dry	0.145	0.810	10	06/03/11 16:25	SW846 8270D	JLS	11E7498
2-Methylnaphthalene	**29.2**		mg/kg dry	0.254	0.810	10	06/03/11 16:25	SW846 8270D	JLS	11E7498
Surr: Terphenyl-d14 (18-120%)	*80 %*					*1*	*06/01/11 16:06*	*SW846 8270D*	*JLS*	*11E7498*
Surr: 2-Fluorobiphenyl (14-120%)	*55 %*					*1*	*06/01/11 16:06*	*SW846 8270D*	*JLS*	*11E7498*
Surr: Nitrobenzene-d5 (17-120%)	*63 %*					*1*	*06/01/11 16:06*	*SW846 8270D*	*JLS*	*11E7498*

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUE4876-04 (320 Ash - Soil) Sampled: 05/25/11 14:45										
General Chemistry Parameters										
% Dry Solids	**79.6**		%	0.500	0.500	1	06/01/11 13:38	SW-846	AMS	11E7556
Volatile Organic Compounds by EPA Method 8260B										
Benzene	**0.0169**		mg/kg dry	0.00119	0.00217	1	05/31/11 17:32	SW846 8260B	KKK	11E7260
Ethylbenzene	**0.479**		mg/kg dry	0.0543	0.111	50	06/01/11 15:35	SW846 8260B	KKK	11F0105
Naphthalene	**3.11**		mg/kg dry	0.0942	0.277	50	06/01/11 15:35	SW846 8260B	KKK	11F0105
Toluene	**0.112**		mg/kg dry	0.000966	0.00217	1	05/31/11 17:32	SW846 8260B	KKK	11E7260
Xylenes, total	**0.867**		mg/kg dry	0.105	0.277	50	06/01/11 15:35	SW846 8260B	KKK	11F0105
Surr: 1,2-Dichloroethane-d4 (67-138%)	*94 %*					*1*	*05/31/11 17:32*	*SW846 8260B*	*KKK*	*11E7260*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*89 %*					*50*	*06/01/11 15:35*	*SW846 8260B*	*KKK*	*11F0105*
Surr: Dibromofluoromethane (75-125%)	*98 %*					*1*	*05/31/11 17:32*	*SW846 8260B*	*KKK*	*11E7260*
Surr: Dibromofluoromethane (75-125%)	*94 %*					*50*	*06/01/11 15:35*	*SW846 8260B*	*KKK*	*11F0105*
Surr: Toluene-d8 (76-129%)	*166 %*	*ZX*				*1*	*05/31/11 17:32*	*SW846 8260B*	*KKK*	*11E7260*
Surr: Toluene-d8 (76-129%)	*102 %*					*50*	*06/01/11 15:35*	*SW846 8260B*	*KKK*	*11F0105*
Surr: 4-Bromofluorobenzene (67-147%)	*262 %*	*ZX*				*1*	*05/31/11 17:32*	*SW846 8260B*	*KKK*	*11E7260*
Surr: 4-Bromofluorobenzene (67-147%)	*100 %*					*50*	*06/01/11 15:35*	*SW846 8260B*	*KKK*	*11F0105*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	**0.676**		mg/kg dry	0.0175	0.0838	1	06/01/11 16:28	SW846 8270D	JLS	11E7498
Acenaphthylene	ND		mg/kg dry	0.0250	0.0838	1	06/01/11 16:28	SW846 8270D	JLS	11E7498
Anthracene	**0.451**		mg/kg dry	0.0113	0.0838	1	06/01/11 16:28	SW846 8270D	JLS	11E7498
Benzo (a) anthracene	**0.515**		mg/kg dry	0.0138	0.0838	1	06/01/11 16:28	SW846 8270D	JLS	11E7498
Benzo (a) pyrene	**0.223**		mg/kg dry	0.0100	0.0838	1	06/01/11 16:28	SW846 8270D	JLS	11E7498
Benzo (b) fluoranthene	**0.288**		mg/kg dry	0.0475	0.0838	1	06/01/11 16:28	SW846 8270D	JLS	11E7498
Benzo (g,h,i) perylene	**0.0775**	J	mg/kg dry	0.0113	0.0838	1	06/01/11 16:28	SW846 8270D	JLS	11E7498
Benzo (k) fluoranthene	**0.208**		mg/kg dry	0.0463	0.0838	1	06/01/11 16:28	SW846 8270D	JLS	11E7498
Chrysene	**0.573**		mg/kg dry	0.0388	0.0838	1	06/01/11 16:28	SW846 8270D	JLS	11E7498
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0188	0.0838	1	06/01/11 16:28	SW846 8270D	JLS	11E7498
Fluoranthene	**1.17**		mg/kg dry	0.0138	0.0838	1	06/01/11 16:28	SW846 8270D	JLS	11E7498
Fluorene	**1.52**		mg/kg dry	0.0250	0.0838	1	06/01/11 16:28	SW846 8270D	JLS	11E7498
Indeno (1,2,3-cd) pyrene	**0.0775**	J	mg/kg dry	0.0388	0.0838	1	06/01/11 16:28	SW846 8270D	JLS	11E7498
Naphthalene	**3.14**		mg/kg dry	0.0175	0.0838	1	06/01/11 16:28	SW846 8270D	JLS	11E7498
Phenanthrene	**3.80**		mg/kg dry	0.0125	0.0838	1	06/01/11 16:28	SW846 8270D	JLS	11E7498
Pyrene	**1.20**		mg/kg dry	0.0288	0.0838	1	06/01/11 16:28	SW846 8270D	JLS	11E7498
1-Methylnaphthalene	**10.4**		mg/kg dry	0.150	0.838	10	06/03/11 16:47	SW846 8270D	JLS	11E7498
2-Methylnaphthalene	**17.9**		mg/kg dry	0.263	0.838	10	06/03/11 16:47	SW846 8270D	JLS	11E7498
Surr: Terphenyl-d14 (18-120%)	*93 %*					*1*	*06/01/11 16:28*	*SW846 8270D*	*JLS*	*11E7498*
Surr: 2-Fluorobiphenyl (14-120%)	*63 %*					*1*	*06/01/11 16:28*	*SW846 8270D*	*JLS*	*11E7498*
Surr: Nitrobenzene-d5 (17-120%)	*66 %*					*1*	*06/01/11 16:28*	*SW846 8270D*	*JLS*	*11E7498*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUE4876-05 (319 Ash - Soil) Sampled: 05/26/11 11:30										
General Chemistry Parameters										
% Dry Solids	**85.2**		%	0.500	0.500	1	06/01/11 13:38	SW-846	AMS	11E7556
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00112	0.00204	1	05/31/11 18:02	SW846 8260B	KKK	11E7260
Ethylbenzene	**1.27**		mg/kg dry	0.0484	0.0988	50	06/01/11 16:05	SW846 8260B	KKK	11F0105
Naphthalene	**27.9**	E	mg/kg dry	0.168	0.494	100	06/09/11 13:31	SW846 8260B	KKK	11F0581
Toluene	ND	RL1	mg/kg dry	0.0439	0.0988	50	06/01/11 16:05	SW846 8260B	KKK	11F0105
Xylenes, total	**1.64**		mg/kg dry	0.0938	0.247	50	06/01/11 16:05	SW846 8260B	KKK	11F0105
Surr: 1,2-Dichloroethane-d4 (67-138%)	*95 %*					*1*	*05/31/11 18:02*	*SW846 8260B*	*KKK*	*11E7260*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*90 %*					*50*	*06/01/11 16:05*	*SW846 8260B*	*KKK*	*11F0105*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*100 %*					*100*	*06/09/11 13:31*	*SW846 8260B*	*KKK*	*11F0581*
Surr: Dibromofluoromethane (75-125%)	*102 %*					*1*	*05/31/11 18:02*	*SW846 8260B*	*KKK*	*11E7260*
Surr: Dibromofluoromethane (75-125%)	*83 %*					*50*	*06/01/11 16:05*	*SW846 8260B*	*KKK*	*11F0105*
Surr: Dibromofluoromethane (75-125%)	*98 %*					*100*	*06/09/11 13:31*	*SW846 8260B*	*KKK*	*11F0581*
Surr: Toluene-d8 (76-129%)	*155 %*	*ZX*				*1*	*05/31/11 18:02*	*SW846 8260B*	*KKK*	*11E7260*
Surr: Toluene-d8 (76-129%)	*106 %*					*50*	*06/01/11 16:05*	*SW846 8260B*	*KKK*	*11F0105*
Surr: Toluene-d8 (76-129%)	*100 %*					*100*	*06/09/11 13:31*	*SW846 8260B*	*KKK*	*11F0581*
Surr: 4-Bromofluorobenzene (67-147%)	*320 %*	*ZX*				*1*	*05/31/11 18:02*	*SW846 8260B*	*KKK*	*11E7260*
Surr: 4-Bromofluorobenzene (67-147%)	*104 %*					*50*	*06/01/11 16:05*	*SW846 8260B*	*KKK*	*11F0105*
Surr: 4-Bromofluorobenzene (67-147%)	*95 %*					*100*	*06/09/11 13:31*	*SW846 8260B*	*KKK*	*11F0581*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	**1.36**		mg/kg dry	0.0162	0.0777	1	06/01/11 16:50	SW846 8270D	JLS	11E7498
Acenaphthylene	ND		mg/kg dry	0.0232	0.0777	1	06/01/11 16:50	SW846 8270D	JLS	11E7498
Anthracene	**0.572**		mg/kg dry	0.0104	0.0777	1	06/01/11 16:50	SW846 8270D	JLS	11E7498
Benzo (a) anthracene	**0.333**		mg/kg dry	0.0128	0.0777	1	06/01/11 16:50	SW846 8270D	JLS	11E7498
Benzo (a) pyrene	**0.141**		mg/kg dry	0.00927	0.0777	1	06/01/11 16:50	SW846 8270D	JLS	11E7498
Benzo (b) fluoranthene	**0.168**		mg/kg dry	0.0441	0.0777	1	06/01/11 16:50	SW846 8270D	JLS	11E7498
Benzo (g,h,i) perylene	**0.0518**	J	mg/kg dry	0.0104	0.0777	1	06/01/11 16:50	SW846 8270D	JLS	11E7498
Benzo (k) fluoranthene	**0.155**		mg/kg dry	0.0429	0.0777	1	06/01/11 16:50	SW846 8270D	JLS	11E7498
Chrysene	**0.308**		mg/kg dry	0.0359	0.0777	1	06/01/11 16:50	SW846 8270D	JLS	11E7498
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0174	0.0777	1	06/01/11 16:50	SW846 8270D	JLS	11E7498
Fluoranthene	**1.23**		mg/kg dry	0.0128	0.0777	1	06/01/11 16:50	SW846 8270D	JLS	11E7498
Fluorene	**3.23**		mg/kg dry	0.0232	0.0777	1	06/01/11 16:50	SW846 8270D	JLS	11E7498
Indeno (1,2,3-cd) pyrene	**0.0526**	J	mg/kg dry	0.0359	0.0777	1	06/01/11 16:50	SW846 8270D	JLS	11E7498
Naphthalene	**12.2**		mg/kg dry	0.162	0.777	10	06/03/11 17:09	SW846 8270D	JLS	11E7498
Phenanthrene	**10.0**		mg/kg dry	0.116	0.777	10	06/03/11 17:09	SW846 8270D	JLS	11E7498
Pyrene	**1.30**		mg/kg dry	0.0267	0.0777	1	06/01/11 16:50	SW846 8270D	JLS	11E7498
1-Methylnaphthalene	**26.4**		mg/kg dry	0.139	0.777	10	06/03/11 17:09	SW846 8270D	JLS	11E7498
2-Methylnaphthalene	**34.8**		mg/kg dry	0.487	1.55	20	06/04/11 20:55	SW846 8270D	JLS	11E7498
Surr: Terphenyl-d14 (18-120%)	*89 %*					*1*	*06/01/11 16:50*	*SW846 8270D*	*JLS*	*11E7498*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUE4876-05 (319 Ash - Soil) - cont. Sampled: 05/26/11 11:30										
Polyaromatic Hydrocarbons by EPA 8270D - cont.										
Surr: 2-Fluorobiphenyl (14-120%)	*61 %*					*1*	*06/01/11 16:50*	*SW846 8270D*	*JLS*	*11E7498*
Surr: Nitrobenzene-d5 (17-120%)	*68 %*					*1*	*06/01/11 16:50*	*SW846 8270D*	*JLS*	*11E7498*
Sample ID: NUE4876-06 (331 Ash - Soil) Sampled: 05/26/11 16:00										
General Chemistry Parameters										
% Dry Solids	**78.4**		%	0.500	0.500	1	06/01/11 13:38	SW-846	AMS	11E7556
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00111	0.00203	1	06/01/11 14:36	SW846 8260B	KKK	11F0105
Ethylbenzene	ND	RL1	mg/kg dry	0.0515	0.105	50	06/01/11 15:06	SW846 8260B	KKK	11F0105
Naphthalene	**0.306**		mg/kg dry	0.0893	0.263	50	06/01/11 15:06	SW846 8260B	KKK	11F0105
Toluene	ND	RL1	mg/kg dry	0.0468	0.105	50	06/01/11 15:06	SW846 8260B	KKK	11F0105
Xylenes, total	ND	RL1	mg/kg dry	0.0998	0.263	50	06/01/11 15:06	SW846 8260B	KKK	11F0105
Surr: 1,2-Dichloroethane-d4 (67-138%)	*97 %*					*1*	*06/01/11 14:36*	*SW846 8260B*	*KKK*	*11F0105*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*87 %*					*50*	*06/01/11 15:06*	*SW846 8260B*	*KKK*	*11F0105*
Surr: Dibromofluoromethane (75-125%)	*105 %*					*1*	*06/01/11 14:36*	*SW846 8260B*	*KKK*	*11F0105*
Surr: Dibromofluoromethane (75-125%)	*94 %*					*50*	*06/01/11 15:06*	*SW846 8260B*	*KKK*	*11F0105*
Surr: Toluene-d8 (76-129%)	*141 %*	*ZX*				*1*	*06/01/11 14:36*	*SW846 8260B*	*KKK*	*11F0105*
Surr: Toluene-d8 (76-129%)	*101 %*					*50*	*06/01/11 15:06*	*SW846 8260B*	*KKK*	*11F0105*
Surr: 4-Bromofluorobenzene (67-147%)	*273 %*	*ZX*				*1*	*06/01/11 14:36*	*SW846 8260B*	*KKK*	*11F0105*
Surr: 4-Bromofluorobenzene (67-147%)	*102 %*					*50*	*06/01/11 15:06*	*SW846 8260B*	*KKK*	*11F0105*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	**1.00**		mg/kg dry	0.0176	0.0843	1	06/01/11 17:12	SW846 8270D	JLS	11E7498
Acenaphthylene	ND		mg/kg dry	0.0252	0.0843	1	06/01/11 17:12	SW846 8270D	JLS	11E7498
Anthracene	**0.446**		mg/kg dry	0.0113	0.0843	1	06/01/11 17:12	SW846 8270D	JLS	11E7498
Benzo (a) anthracene	**0.328**		mg/kg dry	0.0138	0.0843	1	06/01/11 17:12	SW846 8270D	JLS	11E7498
Benzo (a) pyrene	**0.166**		mg/kg dry	0.0101	0.0843	1	06/01/11 17:12	SW846 8270D	JLS	11E7498
Benzo (b) fluoranthene	**0.209**		mg/kg dry	0.0478	0.0843	1	06/01/11 17:12	SW846 8270D	JLS	11E7498
Benzo (g,h,i) perylene	**0.0600**	J	mg/kg dry	0.0113	0.0843	1	06/01/11 17:12	SW846 8270D	JLS	11E7498
Benzo (k) fluoranthene	**0.169**		mg/kg dry	0.0466	0.0843	1	06/01/11 17:12	SW846 8270D	JLS	11E7498
Chrysene	**0.346**		mg/kg dry	0.0390	0.0843	1	06/01/11 17:12	SW846 8270D	JLS	11E7498
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0189	0.0843	1	06/01/11 17:12	SW846 8270D	JLS	11E7498
Fluoranthene	**0.699**		mg/kg dry	0.0138	0.0843	1	06/01/11 17:12	SW846 8270D	JLS	11E7498
Fluorene	**2.45**		mg/kg dry	0.0252	0.0843	1	06/01/11 17:12	SW846 8270D	JLS	11E7498
Indeno (1,2,3-cd) pyrene	**0.0583**	J	mg/kg dry	0.0390	0.0843	1	06/01/11 17:12	SW846 8270D	JLS	11E7498
Naphthalene	ND		mg/kg dry	0.0176	0.0843	1	06/01/11 17:12	SW846 8270D	JLS	11E7498
Phenanthrene	**7.95**		mg/kg dry	0.0629	0.422	5	06/03/11 17:31	SW846 8270D	JLS	11E7498
Pyrene	**1.04**		mg/kg dry	0.0289	0.0843	1	06/01/11 17:12	SW846 8270D	JLS	11E7498
1-Methylnaphthalene	**7.89**		mg/kg dry	0.0755	0.422	5	06/03/11 17:31	SW846 8270D	JLS	11E7498
2-Methylnaphthalene	**13.8**		mg/kg dry	0.132	0.422	5	06/03/11 17:31	SW846 8270D	JLS	11E7498

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUE4876-06 (331 Ash - Soil) - cont. Sampled: 05/26/11 16:00										
Polyaromatic Hydrocarbons by EPA 8270D - cont.										
Surr: Terphenyl-d14 (18-120%)	*96 %*					*1*	*06/01/11 17:12*	*SW846 8270D*	*JLS*	*11E7498*
Surr: 2-Fluorobiphenyl (14-120%)	*61 %*					*1*	*06/01/11 17:12*	*SW846 8270D*	*JLS*	*11E7498*
Surr: Nitrobenzene-d5 (17-120%)	*61 %*					*1*	*06/01/11 17:12*	*SW846 8270D*	*JLS*	*11E7498*

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extract Vol	Date	Analyst	Extraction Method
Polyaromatic Hydrocarbons by EPA 8270D							
SW846 8270D	11E7498	NUE4876-01	30.00	1.00	06/01/11 06:55	JJR	EPA 3550C
SW846 8270D	11E7498	NUE4876-02	30.14	1.00	06/01/11 06:55	JJR	EPA 3550C
SW846 8270D	11E7498	NUE4876-02RE1	30.14	1.00	06/01/11 06:55	JJR	EPA 3550C
SW846 8270D	11E7498	NUE4876-03	30.23	1.00	06/01/11 06:55	JJR	EPA 3550C
SW846 8270D	11E7498	NUE4876-03RE1	30.23	1.00	06/01/11 06:55	JJR	EPA 3550C
SW846 8270D	11E7498	NUE4876-04	30.16	1.00	06/01/11 06:55	JJR	EPA 3550C
SW846 8270D	11E7498	NUE4876-04RE1	30.16	1.00	06/01/11 06:55	JJR	EPA 3550C
SW846 8270D	11E7498	NUE4876-05	30.36	1.00	06/01/11 06:55	JJR	EPA 3550C
SW846 8270D	11E7498	NUE4876-05RE1	30.36	1.00	06/01/11 06:55	JJR	EPA 3550C
SW846 8270D	11E7498	NUE4876-05RE2	30.36	1.00	06/01/11 06:55	JJR	EPA 3550C
SW846 8270D	11E7498	NUE4876-06	30.42	1.00	06/01/11 06:55	JJR	EPA 3550C
SW846 8270D	11E7498	NUE4876-06RE1	30.42	1.00	06/01/11 06:55	JJR	EPA 3550C
Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	11E7260	NUE4876-01	4.98	5.00	05/23/11 11:45	AAN	EPA 5035
SW846 8260B	11E7260	NUE4876-02	6.44	5.00	05/24/11 11:45	AAN	EPA 5035
SW846 8260B	11F0105	NUE4876-02RE1	5.20	5.00	05/24/11 11:45	AAN	EPA 5035
SW846 8260B	11E7260	NUE4876-03	5.94	5.00	05/24/11 16:00	AAN	EPA 5035
SW846 8260B	11F0105	NUE4876-03RE1	5.98	5.00	05/24/11 16:00	AAN	EPA 5035
SW846 8260B	11F0105	NUE4876-03RE2	6.05	5.00	05/24/11 16:00	AAN	EPA 5035
SW846 8260B	11E7260	NUE4876-04	5.79	5.00	05/25/11 14:45	AAN	EPA 5035
SW846 8260B	11F0105	NUE4876-04RE1	5.67	5.00	05/25/11 14:45	AAN	EPA 5035
SW846 8260B	11E7260	NUE4876-05	5.74	5.00	05/26/11 11:30	AAN	EPA 5035
SW846 8260B	11F0105	NUE4876-05RE1	5.94	5.00	05/26/11 11:30	AAN	EPA 5035
SW846 8260B	11F0581	NUE4876-05RE2	5.94	5.00	05/26/11 11:30	AAN	EPA 5035
SW846 8260B	11E7260	NUE4876-06	6.26	5.00	05/26/11 16:00	AAN	EPA 5035
SW846 8260B	11F0105	NUE4876-06RE1	6.30	5.00	05/26/11 16:00	AAN	EPA 5035
SW846 8260B	11F0105	NUE4876-06RE2	6.07	5.00	05/26/11 16:00	AAN	EPA 5035

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11E7260-BLK1						
Benzene	<0.00110		mg/kg wet	11E7260	11E7260-BLK1	05/31/11 12:34
Ethylbenzene	<0.000980		mg/kg wet	11E7260	11E7260-BLK1	05/31/11 12:34
Naphthalene	<0.00170		mg/kg wet	11E7260	11E7260-BLK1	05/31/11 12:34
Toluene	<0.000890		mg/kg wet	11E7260	11E7260-BLK1	05/31/11 12:34
Xylenes, total	<0.00190		mg/kg wet	11E7260	11E7260-BLK1	05/31/11 12:34
Surrogate: 1,2-Dichloroethane-d4	99%			11E7260	11E7260-BLK1	05/31/11 12:34
Surrogate: Dibromofluoromethane	99%			11E7260	11E7260-BLK1	05/31/11 12:34
Surrogate: Toluene-d8	99%			11E7260	11E7260-BLK1	05/31/11 12:34
Surrogate: 4-Bromofluorobenzene	102%			11E7260	11E7260-BLK1	05/31/11 12:34
11F0105-BLK1						
Benzene	<0.00110		mg/kg wet	11F0105	11F0105-BLK1	06/01/11 12:05
Ethylbenzene	<0.000980		mg/kg wet	11F0105	11F0105-BLK1	06/01/11 12:05
Naphthalene	<0.00170		mg/kg wet	11F0105	11F0105-BLK1	06/01/11 12:05
Toluene	<0.000890		mg/kg wet	11F0105	11F0105-BLK1	06/01/11 12:05
Xylenes, total	<0.00190		mg/kg wet	11F0105	11F0105-BLK1	06/01/11 12:05
Surrogate: 1,2-Dichloroethane-d4	96%			11F0105	11F0105-BLK1	06/01/11 12:05
Surrogate: Dibromofluoromethane	94%			11F0105	11F0105-BLK1	06/01/11 12:05
Surrogate: Toluene-d8	98%			11F0105	11F0105-BLK1	06/01/11 12:05
Surrogate: 4-Bromofluorobenzene	104%			11F0105	11F0105-BLK1	06/01/11 12:05
11F0105-BLK2						
Benzene	<0.0550		mg/kg wet	11F0105	11F0105-BLK2	06/01/11 12:35
Ethylbenzene	<0.0490		mg/kg wet	11F0105	11F0105-BLK2	06/01/11 12:35
Naphthalene	<0.0850		mg/kg wet	11F0105	11F0105-BLK2	06/01/11 12:35
Toluene	<0.0445		mg/kg wet	11F0105	11F0105-BLK2	06/01/11 12:35
Xylenes, total	<0.0950		mg/kg wet	11F0105	11F0105-BLK2	06/01/11 12:35
Surrogate: 1,2-Dichloroethane-d4	97%			11F0105	11F0105-BLK2	06/01/11 12:35
Surrogate: Dibromofluoromethane	96%			11F0105	11F0105-BLK2	06/01/11 12:35
Surrogate: Toluene-d8	101%			11F0105	11F0105-BLK2	06/01/11 12:35
Surrogate: 4-Bromofluorobenzene	106%			11F0105	11F0105-BLK2	06/01/11 12:35
11F0581-BLK1						
Benzene	<0.00110		mg/kg wet	11F0581	11F0581-BLK1	06/09/11 12:32
Ethylbenzene	<0.000980		mg/kg wet	11F0581	11F0581-BLK1	06/09/11 12:32
Naphthalene	<0.00170		mg/kg wet	11F0581	11F0581-BLK1	06/09/11 12:32
Toluene	<0.000890		mg/kg wet	11F0581	11F0581-BLK1	06/09/11 12:32
Xylenes, total	<0.00190		mg/kg wet	11F0581	11F0581-BLK1	06/09/11 12:32
Surrogate: 1,2-Dichloroethane-d4	106%			11F0581	11F0581-BLK1	06/09/11 12:32
Surrogate: Dibromofluoromethane	101%			11F0581	11F0581-BLK1	06/09/11 12:32
Surrogate: Toluene-d8	100%			11F0581	11F0581-BLK1	06/09/11 12:32
Surrogate: 4-Bromofluorobenzene	102%			11F0581	11F0581-BLK1	06/09/11 12:32

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11F0581-BLK2						
Benzene	<0.0550		mg/kg wet	11F0581	11F0581-BLK2	06/09/11 13:02
Ethylbenzene	<0.0490		mg/kg wet	11F0581	11F0581-BLK2	06/09/11 13:02
Naphthalene	<0.0850		mg/kg wet	11F0581	11F0581-BLK2	06/09/11 13:02
Toluene	<0.0445		mg/kg wet	11F0581	11F0581-BLK2	06/09/11 13:02
Xylenes, total	<0.0950		mg/kg wet	11F0581	11F0581-BLK2	06/09/11 13:02
Surrogate: 1,2-Dichloroethane-d4	105%			11F0581	11F0581-BLK2	06/09/11 13:02
Surrogate: Dibromofluoromethane	101%			11F0581	11F0581-BLK2	06/09/11 13:02
Surrogate: Toluene-d8	100%			11F0581	11F0581-BLK2	06/09/11 13:02
Surrogate: 4-Bromofluorobenzene	104%			11F0581	11F0581-BLK2	06/09/11 13:02
Polyaromatic Hydrocarbons by EPA 8270D						
11E7498-BLK1						
Acenaphthene	<0.0140		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
Acenaphthylene	<0.0200		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
Anthracene	<0.00900		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
Benzo (a) anthracene	<0.0110		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
Benzo (a) pyrene	<0.00800		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
Benzo (b) fluoranthene	<0.0380		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
Benzo (g,h,i) perylene	<0.00900		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
Benzo (k) fluoranthene	<0.0370		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
Chrysene	<0.0310		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
Dibenz (a,h) anthracene	<0.0150		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
Fluoranthene	<0.0110		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
Fluorene	<0.0200		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
Indeno (1,2,3-cd) pyrene	<0.0310		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
Naphthalene	<0.0140		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
Phenanthrene	<0.0100		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
Pyrene	<0.0230		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
1-Methylnaphthalene	<0.0120		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
2-Methylnaphthalene	<0.0210		mg/kg wet	11E7498	11E7498-BLK1	06/01/11 13:33
Surrogate: Terphenyl-d14	95%			11E7498	11E7498-BLK1	06/01/11 13:33
Surrogate: 2-Fluorobiphenyl	67%			11E7498	11E7498-BLK1	06/01/11 13:33
Surrogate: Nitrobenzene-d5	69%			11E7498	11E7498-BLK1	06/01/11 13:33

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:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
11E7556-DUP1										
% Dry Solids	81.0	80.8		%	0.2	20	11E7556	NUE4699-10		06/01/11 13:38

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11E7260-BS1								
Benzene	50.0	50.4		ug/kg	101%	78 - 126	11E7260	05/31/11 11:04
Ethylbenzene	50.0	55.1		ug/kg	110%	79 - 130	11E7260	05/31/11 11:04
Naphthalene	50.0	54.9		ug/kg	110%	72 - 150	11E7260	05/31/11 11:04
Toluene	50.0	53.0		ug/kg	106%	76 - 126	11E7260	05/31/11 11:04
Xylenes, total	150	167		ug/kg	112%	80 - 130	11E7260	05/31/11 11:04
Surrogate: 1,2-Dichloroethane-d4	50.0	46.6			93%	67 - 138	11E7260	05/31/11 11:04
Surrogate: Dibromofluoromethane	50.0	49.6			99%	75 - 125	11E7260	05/31/11 11:04
Surrogate: Toluene-d8	50.0	51.1			102%	76 - 129	11E7260	05/31/11 11:04
Surrogate: 4-Bromofluorobenzene	50.0	51.3			103%	67 - 147	11E7260	05/31/11 11:04
11F0105-BS1								
Benzene	50.0	52.5		ug/kg	105%	78 - 126	11F0105	06/01/11 10:34
Ethylbenzene	50.0	55.4		ug/kg	111%	79 - 130	11F0105	06/01/11 10:34
Naphthalene	50.0	57.6		ug/kg	115%	72 - 150	11F0105	06/01/11 10:34
Toluene	50.0	53.0		ug/kg	106%	76 - 126	11F0105	06/01/11 10:34
Xylenes, total	150	166		ug/kg	111%	80 - 130	11F0105	06/01/11 10:34
Surrogate: 1,2-Dichloroethane-d4	50.0	43.7			87%	67 - 138	11F0105	06/01/11 10:34
Surrogate: Dibromofluoromethane	50.0	48.3			97%	75 - 125	11F0105	06/01/11 10:34
Surrogate: Toluene-d8	50.0	50.4			101%	76 - 129	11F0105	06/01/11 10:34
Surrogate: 4-Bromofluorobenzene	50.0	51.1			102%	67 - 147	11F0105	06/01/11 10:34
11F0581-BS1								
Benzene	50.0	52.4		ug/kg	105%	78 - 126	11F0581	06/09/11 10:51
Ethylbenzene	50.0	55.6		ug/kg	111%	79 - 130	11F0581	06/09/11 10:51
Naphthalene	50.0	62.1		ug/kg	124%	72 - 150	11F0581	06/09/11 10:51
Toluene	50.0	54.4		ug/kg	109%	76 - 126	11F0581	06/09/11 10:51
Xylenes, total	150	170		ug/kg	114%	80 - 130	11F0581	06/09/11 10:51
Surrogate: 1,2-Dichloroethane-d4	50.0	47.6			95%	67 - 138	11F0581	06/09/11 10:51
Surrogate: Dibromofluoromethane	50.0	49.2			98%	75 - 125	11F0581	06/09/11 10:51
Surrogate: Toluene-d8	50.0	50.3			101%	76 - 129	11F0581	06/09/11 10:51
Surrogate: 4-Bromofluorobenzene	50.0	47.8			96%	67 - 147	11F0581	06/09/11 10:51
Polyaromatic Hydrocarbons by EPA 8270D								
11E7498-BS1								
Acenaphthene	1.67	1.39		mg/kg wet	83%	49 - 120	11E7498	06/01/11 13:55
Acenaphthylene	1.67	1.40		mg/kg wet	84%	52 - 120	11E7498	06/01/11 13:55
Anthracene	1.67	1.49		mg/kg wet	89%	58 - 120	11E7498	06/01/11 13:55
Benzo (a) anthracene	1.67	1.49		mg/kg wet	89%	57 - 120	11E7498	06/01/11 13:55
Benzo (a) pyrene	1.67	1.51		mg/kg wet	91%	55 - 120	11E7498	06/01/11 13:55
Benzo (b) fluoranthene	1.67	1.50		mg/kg wet	90%	51 - 123	11E7498	06/01/11 13:55
Benzo (g,h,i) perylene	1.67	1.46		mg/kg wet	88%	49 - 121	11E7498	06/01/11 13:55
Benzo (k) fluoranthene	1.67	1.50		mg/kg wet	90%	42 - 129	11E7498	06/01/11 13:55

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

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								
11E7498-BS1								
Chrysene	1.67	1.47		mg/kg wet	88%	55 - 120	11E7498	06/01/11 13:55
Dibenz (a,h) anthracene	1.67	1.51		mg/kg wet	91%	50 - 123	11E7498	06/01/11 13:55
Fluoranthene	1.67	1.33		mg/kg wet	80%	58 - 120	11E7498	06/01/11 13:55
Fluorene	1.67	1.51		mg/kg wet	91%	54 - 120	11E7498	06/01/11 13:55
Indeno (1,2,3-cd) pyrene	1.67	1.50		mg/kg wet	90%	50 - 122	11E7498	06/01/11 13:55
Naphthalene	1.67	1.30		mg/kg wet	78%	28 - 120	11E7498	06/01/11 13:55
Phenanthrene	1.67	1.54		mg/kg wet	92%	56 - 120	11E7498	06/01/11 13:55
Pyrene	1.67	1.68		mg/kg wet	101%	56 - 120	11E7498	06/01/11 13:55
1-Methylnaphthalene	1.67	1.13		mg/kg wet	68%	36 - 120	11E7498	06/01/11 13:55
2-Methylnaphthalene	1.67	1.26		mg/kg wet	75%	36 - 120	11E7498	06/01/11 13:55
Surrogate: Terphenyl-d14	1.67	1.82			109%	18 - 120	11E7498	06/01/11 13:55
Surrogate: 2-Fluorobiphenyl	1.67	1.13			68%	14 - 120	11E7498	06/01/11 13:55
Surrogate: Nitrobenzene-d5	1.67	1.03			62%	17 - 120	11E7498	06/01/11 13:55

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
11F0105-MS1										
Benzene	ND	2.31		mg/kg dry	2.47	94%	42 - 141	11F0105	NUE4876-05RE1	06/01/11 21:03
Ethylbenzene	1.27	4.07		mg/kg dry	2.47	114%	21 - 165	11F0105	NUE4876-05RE1	06/01/11 21:03
Naphthalene	15.1	14.6	M2	mg/kg dry	2.47	-20%	10 - 160	11F0105	NUE4876-05RE1	06/01/11 21:03
Toluene	ND	2.72		mg/kg dry	2.47	110%	45 - 145	11F0105	NUE4876-05RE1	06/01/11 21:03
Xylenes, total	1.64	8.58		mg/kg dry	7.41	94%	31 - 159	11F0105	NUE4876-05RE1	06/01/11 21:03
Surrogate: 1,2-Dichloroethane-d4		38.1		ug/kg	50.0	76%	67 - 138	11F0105	NUE4876-05RE1	06/01/11 21:03
Surrogate: Dibromofluoromethane		42.9		ug/kg	50.0	86%	75 - 125	11F0105	NUE4876-05RE1	06/01/11 21:03
Surrogate: Toluene-d8		51.9		ug/kg	50.0	104%	76 - 129	11F0105	NUE4876-05RE1	06/01/11 21:03
Surrogate: 4-Bromofluorobenzene		57.6		ug/kg	50.0	115%	67 - 147	11F0105	NUE4876-05RE1	06/01/11 21:03
11F0581-MS1										
Benzene	ND	0.0416		mg/kg wet	0.0473	88%	42 - 141	11F0581	NUF0809-13	06/09/11 21:53
Ethylbenzene	ND	0.0462		mg/kg wet	0.0473	98%	21 - 165	11F0581	NUF0809-13	06/09/11 21:53
Naphthalene	ND	0.0230		mg/kg wet	0.0473	49%	10 - 160	11F0581	NUF0809-13	06/09/11 21:53
Toluene	ND	0.0445		mg/kg wet	0.0473	94%	45 - 145	11F0581	NUF0809-13	06/09/11 21:53
Xylenes, total	ND	0.136		mg/kg wet	0.142	96%	31 - 159	11F0581	NUF0809-13	06/09/11 21:53
Surrogate: 1,2-Dichloroethane-d4		51.2		ug/kg	50.0	102%	67 - 138	11F0581	NUF0809-13	06/09/11 21:53
Surrogate: Dibromofluoromethane		49.6		ug/kg	50.0	99%	75 - 125	11F0581	NUF0809-13	06/09/11 21:53
Surrogate: Toluene-d8		50.1		ug/kg	50.0	100%	76 - 129	11F0581	NUF0809-13	06/09/11 21:53
Surrogate: 4-Bromofluorobenzene		46.2		ug/kg	50.0	92%	67 - 147	11F0581	NUF0809-13	06/09/11 21:53
Polyaromatic Hydrocarbons by EPA 8270D										
11E7498-MS1										
Acenaphthene	ND	1.37		mg/kg dry	1.91	72%	42 - 120	11E7498	NUE4826-01	06/01/11 14:17
Acenaphthylene	ND	1.40		mg/kg dry	1.91	73%	32 - 120	11E7498	NUE4826-01	06/01/11 14:17
Anthracene	ND	1.48		mg/kg dry	1.91	77%	10 - 200	11E7498	NUE4826-01	06/01/11 14:17
Benzo (a) anthracene	ND	1.46		mg/kg dry	1.91	76%	41 - 120	11E7498	NUE4826-01	06/01/11 14:17
Benzo (a) pyrene	ND	1.50		mg/kg dry	1.91	78%	33 - 121	11E7498	NUE4826-01	06/01/11 14:17
Benzo (b) fluoranthene	ND	1.50		mg/kg dry	1.91	78%	26 - 137	11E7498	NUE4826-01	06/01/11 14:17
Benzo (g,h,i) perylene	ND	1.43		mg/kg dry	1.91	75%	21 - 124	11E7498	NUE4826-01	06/01/11 14:17
Benzo (k) fluoranthene	ND	1.50		mg/kg dry	1.91	78%	14 - 140	11E7498	NUE4826-01	06/01/11 14:17
Chrysene	ND	1.43		mg/kg dry	1.91	74%	28 - 123	11E7498	NUE4826-01	06/01/11 14:17
Dibenz (a,h) anthracene	ND	1.49		mg/kg dry	1.91	78%	25 - 127	11E7498	NUE4826-01	06/01/11 14:17

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D										
11E7498-MS1										
Fluoranthene	ND	1.39		mg/kg dry	1.91	73%	38 - 120	11E7498	NUE4826-01	06/01/11 14:17
Fluorene	ND	1.50		mg/kg dry	1.91	78%	41 - 120	11E7498	NUE4826-01	06/01/11 14:17
Indeno (1,2,3-cd) pyrene	ND	1.47		mg/kg dry	1.91	77%	25 - 123	11E7498	NUE4826-01	06/01/11 14:17
Naphthalene	ND	1.33		mg/kg dry	1.91	69%	25 - 120	11E7498	NUE4826-01	06/01/11 14:17
Phenanthrene	ND	1.53		mg/kg dry	1.91	80%	37 - 120	11E7498	NUE4826-01	06/01/11 14:17
Pyrene	ND	1.69		mg/kg dry	1.91	88%	29 - 125	11E7498	NUE4826-01	06/01/11 14:17
1-Methylnaphthalene	ND	1.12		mg/kg dry	1.91	59%	19 - 120	11E7498	NUE4826-01	06/01/11 14:17
2-Methylnaphthalene	ND	1.22		mg/kg dry	1.91	64%	11 - 120	11E7498	NUE4826-01	06/01/11 14:17
Surrogate: Terphenyl-d14		1.76		mg/kg dry	1.91	92%	18 - 120	11E7498	NUE4826-01	06/01/11 14:17
Surrogate: 2-Fluorobiphenyl		1.07		mg/kg dry	1.91	56%	14 - 120	11E7498	NUE4826-01	06/01/11 14:17
Surrogate: Nitrobenzene-d5		0.994		mg/kg dry	1.91	52%	17 - 120	11E7498	NUE4826-01	06/01/11 14:17

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11F0105-MSD1												
Benzene	ND	2.53		mg/kg dry	2.47	102%	42 - 141	9	50	11F0105	NUE4876-05R E1	06/01/11 21:32
Ethylbenzene	1.27	4.06		mg/kg dry	2.47	113%	21 - 165	0.4	50	11F0105	NUE4876-05R E1	06/01/11 21:32
Naphthalene	15.1	17.5		mg/kg dry	2.47	99%	10 - 160	18	50	11F0105	NUE4876-05R E1	06/01/11 21:32
Toluene	ND	2.63		mg/kg dry	2.47	107%	45 - 145	3	50	11F0105	NUE4876-05R E1	06/01/11 21:32
Xylenes, total	1.64	8.22		mg/kg dry	7.41	89%	31 - 159	4	50	11F0105	NUE4876-05R E1	06/01/11 21:32
Surrogate: 1,2-Dichloroethane-d4		44.2		ug/kg	50.0	88%	67 - 138			11F0105	NUE4876-05R E1	06/01/11 21:32
Surrogate: Dibromofluoromethane		48.3		ug/kg	50.0	97%	75 - 125			11F0105	NUE4876-05R E1	06/01/11 21:32
Surrogate: Toluene-d8		52.0		ug/kg	50.0	104%	76 - 129			11F0105	NUE4876-05R E1	06/01/11 21:32
Surrogate: 4-Bromofluorobenzene		61.1		ug/kg	50.0	122%	67 - 147			11F0105	NUE4876-05R E1	06/01/11 21:32
11F0581-MSD1												
Benzene	ND	0.0486		mg/kg wet	0.0446	109%	42 - 141	15	50	11F0581	NUF0809-13	06/09/11 22:22
Ethylbenzene	ND	0.0510		mg/kg wet	0.0446	115%	21 - 165	10	50	11F0581	NUF0809-13	06/09/11 22:22
Naphthalene	ND	0.0389	R	mg/kg wet	0.0446	87%	10 - 160	51	50	11F0581	NUF0809-13	06/09/11 22:22
Toluene	ND	0.0505		mg/kg wet	0.0446	113%	45 - 145	13	50	11F0581	NUF0809-13	06/09/11 22:22
Xylenes, total	ND	0.155		mg/kg wet	0.134	116%	31 - 159	13	50	11F0581	NUF0809-13	06/09/11 22:22
Surrogate: 1,2-Dichloroethane-d4		47.7		ug/kg	50.0	95%	67 - 138			11F0581	NUF0809-13	06/09/11 22:22
Surrogate: Dibromofluoromethane		48.6		ug/kg	50.0	97%	75 - 125			11F0581	NUF0809-13	06/09/11 22:22
Surrogate: Toluene-d8		50.3		ug/kg	50.0	101%	76 - 129			11F0581	NUF0809-13	06/09/11 22:22
Surrogate: 4-Bromofluorobenzene		46.9		ug/kg	50.0	94%	67 - 147			11F0581	NUF0809-13	06/09/11 22:22
Polyaromatic Hydrocarbons by EPA 8270D												
11E7498-MSD1												
Acenaphthene	ND	1.22		mg/kg dry	1.93	63%	42 - 120	12	40	11E7498	NUE4826-01	06/01/11 14:38
Acenaphthylene	ND	1.25		mg/kg dry	1.93	65%	32 - 120	11	30	11E7498	NUE4826-01	06/01/11 14:38
Anthracene	ND	1.34		mg/kg dry	1.93	69%	10 - 200	10	50	11E7498	NUE4826-01	06/01/11 14:38
Benzo (a) anthracene	ND	1.31		mg/kg dry	1.93	68%	41 - 120	11	30	11E7498	NUE4826-01	06/01/11 14:38
Benzo (a) pyrene	ND	1.32		mg/kg dry	1.93	68%	33 - 121	13	33	11E7498	NUE4826-01	06/01/11 14:38
Benzo (b) fluoranthene	ND	1.36		mg/kg dry	1.93	70%	26 - 137	10	42	11E7498	NUE4826-01	06/01/11 14:38
Benzo (g,h,i) perylene	ND	1.27		mg/kg dry	1.93	66%	21 - 124	12	32	11E7498	NUE4826-01	06/01/11 14:38
Benzo (k) fluoranthene	ND	1.28		mg/kg dry	1.93	66%	14 - 140	16	39	11E7498	NUE4826-01	06/01/11 14:38
Chrysene	ND	1.28		mg/kg dry	1.93	66%	28 - 123	11	34	11E7498	NUE4826-01	06/01/11 14:38
Dibenz (a,h) anthracene	ND	1.32		mg/kg dry	1.93	68%	25 - 127	12	31	11E7498	NUE4826-01	06/01/11 14:38
Fluoranthene	ND	1.25		mg/kg dry	1.93	65%	38 - 120	10	35	11E7498	NUE4826-01	06/01/11 14:38
Fluorene	ND	1.31		mg/kg dry	1.93	68%	41 - 120	14	37	11E7498	NUE4826-01	06/01/11 14:38
Indeno (1,2,3-cd) pyrene	ND	1.31		mg/kg dry	1.93	68%	25 - 123	12	32	11E7498	NUE4826-01	06/01/11 14:38

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D												
11E7498-MSD1												
Naphthalene	ND	1.17		mg/kg dry	1.93	60%	25 - 120	13	42	11E7498	NUE4826-01	06/01/11 14:38
Phenanthrene	ND	1.39		mg/kg dry	1.93	72%	37 - 120	10	32	11E7498	NUE4826-01	06/01/11 14:38
Pyrene	ND	1.47		mg/kg dry	1.93	76%	29 - 125	14	40	11E7498	NUE4826-01	06/01/11 14:38
1-Methylnaphthalene	ND	0.968		mg/kg dry	1.93	50%	19 - 120	15	45	11E7498	NUE4826-01	06/01/11 14:38
2-Methylnaphthalene	ND	1.06		mg/kg dry	1.93	55%	11 - 120	14	50	11E7498	NUE4826-01	06/01/11 14:38
Surrogate: Terphenyl-d14		1.48		mg/kg dry	1.93	77%	18 - 120			11E7498	NUE4826-01	06/01/11 14:38
Surrogate: 2-Fluorobiphenyl		1.01		mg/kg dry	1.93	52%	14 - 120			11E7498	NUE4826-01	06/01/11 14:38
Surrogate: Nitrobenzene-d5		0.903		mg/kg dry	1.93	47%	17 - 120			11E7498	NUE4826-01	06/01/11 14:38

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:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

CERTIFICATION SUMMARY

TestAmerica Nashville

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

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUE4876
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	05/28/11 08:45

DATA QUALIFIERS AND DEFINITIONS

E	Concentration exceeds the calibration range and therefore result is semi-quantitative.
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
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

NUE4876
06/14/11 23:59

testAmerica

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

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

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

Compliance Monitoring? Yes ____ No ____

Enforcement Action? Yes ____ No ____

Client Name/Account #: EEG # 2449
Address: 10179 Highway 78
City/State/Zip: Ladson, SC 29456
Project Manager: Tom McElwee email: mcelwee@eeginc.net
Telephone Number: 843.412.2097 Fax No.: (843) 879-0401
Sampler Name: (Print) PRAH SHAW
Sampler Signature:

Site State: SC
PO#: 1027
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	HNO_3 (Red Label)	HCl (Blue Label) Sodium Bisulfate	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	None (Black Label)	Other (Specify) Methanol	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: BTEX + Napth - 8260B	PAH - 8270D	RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
1334 Albatross	5/23/11	1145	5	X					2				2	1					X		X	X				
306 Ash	5/24/11	1145	5	X					2				2	1					X		X	X				
316 Ash	5/24/11	1600	5	X					2				2	1					X		X	X				
326 Ash	5/25/11	1445	5	X					2				2	1					X		X	X				
319 Ash	5/26/11	1130	5	X					2				2	1					X		X	X				
331 Ash	5/26/11	1600	5	X					2				2	1					X		X	X				

Special Instructions:

Method of Shipment: FEDEX

Relinquished by:	Date	Time	Received by:	Date	Time
	5/27/11	0900	FEDEX		
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
				5.28.11	0900

Laboratory Comments:
Temperature Upon Receipt: 5.8
VOCs Free of Headspace? Y N

ATTACHMENT A

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

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

3. Generator's Mailing Address:
MCAS, BEAUFORT
LAUREL BAY HOUSING
BEAUFORT, SC 29907

Generator's Site Address (If different than mailing):

4. Generator's Phone 843-228-6461

A. Manifest Number: WMNA 00316813
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
2621 LOW COUNTRY ROAD
RIDGELAND, SC 29936

10. US EPA ID Number
G. State Facility ID
H. State Facility Phone: 843-987-4643

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. HEATING OIL TANKS FILLED WITH SAND WM Profile # 102655SC		20y	8.45		
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
~~(1)57 From: 2) 1296 ...~~
~~1) 1188 Bobwhite~~ 8/1/11

K. Disposal Location
Cell
Grid
Level

15. Special Handling Instructions and Additional Information
(1 57) from: 1) 1188 Bobwhite ✓ 2) 1296 Eagle ✓ 3) 1217 Cardinal ✓ 4) 1334 Albatross ✓ 5) 316 Ash ✓ 6) 319 Ash ✓ 7) 646 Dahlia

Purchase Order #
EMERGENCY CONTACT / PHONE NO.:

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

Printed Name	Signature "On behalf of"	Month	Day	Year
[signature]	[signature]	08	01	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
James Baldwin	James Baldwin	8	2	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

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

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

Printed Name	Signature	Month	Day	Year
Toni Cofield	Toni Cofield	8	2	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blue- GENERATOR #2 COPY | Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY | Gold- TRANSPORTER #1 COPY

Appendix C
Regulatory Correspondence

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

July 1, 2015

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

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

Dear Mr. Drawdy,

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

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

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

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

Sincerely,

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

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

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

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

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

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

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

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

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

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