SUMMARY REPORT 72 HEATHER STREET (FORMERLY 1081 HEATHER STREET) LAUREL BAY MILITARY HOUSING AREA MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SC

> Revision: 0 Prepared for:

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

and



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

JUNE 2021

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Prepared by:



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



Summary Report 72 Heather Street (Formerly 1081 Heather Street) Laurel Bay Military Housing Area, Marine Corps Air Station Beaufort June 2021

Table of Contents

1.0	INTRODUCTION	. 1
1.1 1.2	BACKGROUND INFORMATION UST REMOVAL AND ASSESSMENT PROCESS	1 2
2.0	SAMPLING ACTIVITIES AND RESULTS	. 3
2.1	UST REMOVAL AND SOIL SAMPLING	3
2.2	SOIL ANALYTICAL RESULTS	4
2.3	GROUNDWATER SAMPLING	4
2.4	GROUNDWATER ANALYTICAL RESULTS	5
3.0	PROPERTY STATUS	. 5
4.0	REFERENCES	. 5

Tables

Table 1	Laboratory Analytical Results - Soil
Table 2	Laboratory Analytical Results - Groundwater

Appendices

- Appendix A Multi-Media Selection Process for LBMH
- Appendix B UST Assessment Report
- Appendix C Laboratory Analytical Report Groundwater
- Appendix D Regulatory Correspondence



List of Acronyms

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



1.0 INTRODUCTION

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

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

This report summarizes the results the environmental investigation activities associated with the storage of home heating oil and the potential release of petroleum constituents at the referenced property. Based on the results of the investigation, a No Further Action (NFA) determination has been made by the South Carolina Department of Health and Environmental Control (SCDHEC) for 72 Heather Street (Formerly 1081 Heather Street). This NFA determination indicates that there are no unacceptable risks to human health or the environment for the petroleum constituents associated with the home heating oil USTs. The following information is included in this report:

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

1.1 Background Information

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



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

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

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

1.2 UST Removal and Assessment Process

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

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

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



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

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

2.0 SAMPLING ACTIVITIES AND RESULTS

The following section presents the sampling activities and associated results for 72 Heather Street (Formerly 1081 Heather Street). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 1081 Heather Street* (MCAS Beaufort, 2011). The UST Assessment Report is provided in Appendix B. Details regarding the IGWA sampling activities at this site are provided in the *Initial Groundwater Investigation Report – November and December 2015* (Resolution Consultants, 2016). The laboratory report that includes the pertinent IGWA analytical results for this site is presented in Appendix C.

2.1 UST Removal and Soil Sampling

On March 14, 2011, a single 280 gallon heating oil UST was removed from the front yard of the house at 72 Heather Street (Formerly 1081 Heather Street). The former UST location is indicated on Figures 2 and 3 of the UST Assessment Report (Appendix B). The UST was removed, cleaned, and shipped offsite for recycling. There was no visual evidence (i.e.,



staining or sheen) of petroleum impact at the time of the UST removal. According to the UST Assessment Report (Appendix B), the depth to the base of the UST was 6'2" 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 72 Heather Street (Formerly 1081 Heather Street) were greater than the SCDHEC RBSLs, which indicated further investigation was required. In a letter dated July 1, 2015, SCDHEC requested an IGWA for 72 Heather Street (Formerly 1081 Heather Street) to determine if the groundwater was impacted by petroleum COPCs. SCDHEC's request letter is provided in Appendix D.

2.3 Groundwater Sampling

On December 2, 2015, a temporary monitoring well was installed at 72 Heather Street (Formerly 1081 Heather Street), in accordance with the South Carolina Well Standards and Regulations (R.61-71.H-I, updated June 24, 2016). In order to provide data that can be used to determine whether COPCs are migrating to underlying groundwater, the monitoring well was placed in the same general location as the former heating oil UST. The former UST location is indicated on Figures 2 and 3 of the UST Assessment Report (Appendix B). Further details are provided in the *Initial Groundwater Investigation Report – November and December 2015* (Resolution Consultants, 2016).



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

2.4 Groundwater Analytical Results

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

The groundwater results collected from 72 Heather Street (Formerly 1081 Heather Street) were less than the SCDHEC RBSLs and the site specific groundwater VISLs (Table 2), which indicated that the groundwater was not impacted by COPCs associated with the former UST at concentrations that present a potential risk to human health and the environment.

3.0 PROPERTY STATUS

Based on the analytical results for groundwater, SCDHEC made the determination that NFA was required for 72 Heather Street (Formerly 1081 Heather Street). This NFA determination was obtained in a letter dated June 8, 2016. SCDHEC's NFA letter is provided in Appendix D.

4.0 **REFERENCES**

- Marine Corps Air Station Beaufort, 2011. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 1081 Heather Street, Laurel Bay Military Housing Area*, June 2011.
- Resolution Consultants, 2016. *Initial Groundwater Investigation Report November and December 2015 for Laurel Bay Military Housing Area, Multiple Properties, Laurel Bay Military Housing Area, Marine Corps Air Station Beaufort, Beaufort, South Carolina*, April 2016.



- South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2013. *Quality Assurance Program Plan for the Underground Storage Tank Management* Division, *Revision 2.0*, April 2013.
- South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2015. *Quality Assurance Program Plan for the Underground Storage Tank Management* Division, *Revision 3.0*, May 2015.
- South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2016. *Quality Assurance Program Plan for the Underground Storage Tank Management* Division, *Revision 3.1*, February 2016.
- South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2017. *R.61-92, Part 280, Underground Storage Tank Control Regulations,* March 2017.
- South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2018. *Underground Storage Tank Assessment Instructions for Permanent Closure and Change-In-Service*, March 2018.
- South Carolina Department of Health and Environmental Control Bureau of Water, 2016. *R.61-71, Well Standards*, June 2016.

Tables



Table 1Laboratory Analytical Results - Soil72 Heather Street (Formerly 1081 Heather Street)Laurel Bay Military Housing AreaMarine Corps Air Station BeaufortBeaufort, South Carolina

Constituent	SCDHEC RBSLs ⁽¹⁾	Results Sample Collected 03/14/11			
Volatile Organic Compounds Analyzed	olatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)				
Benzene	0.003	ND			
Ethylbenzene	1.15	0.216			
Naphthalene	0.036	0.568			
Toluene	0.627	0.0333			
Xylenes, Total	13.01	0.705			
Semivolatile Organic Compounds Ana					
Benzo(a)anthracene	0.66	15.8			
Benzo(b)fluoranthene	0.66	8.21			
Benzo(k)fluoranthene	0.66	5.79			
Chrysene	0.66	14.6			
Dibenz(a,h)anthracene	0.66	0.158			

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 - milligrams per kilogram

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

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

Table 2Laboratory Analytical Results - Groundwater72 Heather Street (Formerly 1081 Heather Street)Laurel Bay Military Housing AreaMarine Corps Air Station BeaufortBeaufort, South Carolina

Constituent	SCDHEC RBSLs ⁽¹⁾	Site-Specific Groundwater VISLs (µg/L) ⁽²⁾	Results Sample Collected 12/03/15			
Volatile Organic Compounds Analyzed by EPA Method 8260B (µg/L)						
Benzene	5	16.24	ND			
Ethylbenzene	700	45.95	0.26			
Naphthalene	25	29.33	0.89			
Toluene	1000	105,445	ND			
Xylenes, Total	10,000	2,133	ND			
Semivolatile Organic Compounds Ana	lyzed by EPA Method 8270) (μg/L)				
Benzo(a)anthracene	10	NA	ND			
Benzo(b)fluoranthene	10	NA	ND			
Benzo(k)fluoranthene	10	NA	ND			
Chrysene	10	NA	ND			
Dibenz(a,h)anthracene	10	NA	ND			

Notes:

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

⁽²⁾ Site-specific groundwater VISLs were calculated using the EPA JE Model Spreadsheets (Version 3.1, February 2004) and conservative modeling inputs representative of a small single-story house with an 8 foot ceiling. Site-specific groundwater VISLs were developed based on a target risk level of 1x10⁻⁶, a target hazard quotient of 1 (per target organ), and a default residential exposure scenario, assuming exposure for 24 hours/day, 350 days/year, for 26 years. Modeling was performed for a range of depths to groundwater for application as appropriate in different areas of the Laurel Bay Military Housing Area. The most conservative levels are presented for comparison. Refer to Appendix H of the Uniform Federal Policy Sampling Analysis and Sampling Plan for Vapor Media, Revision 4 (Resolution Consultants, April 2017) for additional information.

Bold font indicates the analyte was detected.

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

EPA - United States Environmental Protection Agency

JE - Johnson & Ettinger

NA - Not Applicable

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

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

µg/L - micrograms per liter

VISL - Vapor Intrusion Screening Level

Appendix A Multi-Media Selection Process for LBMH





Appendix A - Multi-Media Selection Process for LBMH

Appendix B UST Assessment Report



Attachment 1

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

State Use Unly

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, Owner Name (Corporat	Commanding Officer Attn: NR tion, Individual, Public Agency, Other)	EAO (Craig Ehde)
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	-
1081 Heather St., 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. <u>This section must be completed.</u>

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

		Heather
A٠	Product(ex. Gas, Kerosene)	Heating oil
B.	Capacity(ex. 1k, 2k)	280 gal
C.	Age	Late 1950s
D.	Construction Material(ex. Steel, FRP)	Steel
Е·	Month/Year of Last Use	Mid 1980s
F.	Depth (ft.) To Base of Tank	6'2"
G.	Spill Prevention Equipment Y/N	No
Н·	Overfill Prevention Equipment Y/N	No
I.	Method of Closure Removed/Filled	Removed
J _.	Date Tanks Removed/Filled	3/14/2011
K.	Visible Corrosion or Pitting Y/N	Yes
L.	Visible Holes Y/N	Yes

1081

M. Method of disposal for any USTs removed from the ground (attach disposal manifests) UST 1081Heather 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 1081Heather 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

		1081
		neather Chaol
		Steel
A.	Construction Material(ex. Steel, FRP)	& 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, des	scribe 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.

	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. 		х	
 B. Were any petroleum odors detected in the excavation, soil borings, trenches, or monitoring wells? *Mild odor noted in excavation. 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?		х	
If yes, how far below land surface (indicate location and depth)?			
D. Did contaminated soils remain stockpiled on site after closure?		x	
If yes, indicate the stockpile location on the site map.			
It yes, meleute the stockphe focution on the site map.			
Name of DHEC representative authorizing soil removal:			
E. Was a petroleum sheen or free product detected on any excavation or boring waters?		x	
If yes, indicate location and thickness.			

IX. SITE CONDITIONS

X. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number <u>84009</u>

В.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA #
1081 Heather	Excav at fill end	Soil	Sandy	612"	3/14/11 1630 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 <u>and</u> 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	*X	
	1000 feet of the UST system? *Approx 200' to stormwate:	r cana	al
	& 1,000' to Broad River.		
	If yes, indicate type of receptor, distance, and direction on site map.		
В.	Are there any public, private, or irrigation water supply wells within		х
	1000 feet of the UST system?		
	If yes, indicate type of well, distance, and direction on site map.		
C.	Are there any underground structures (e.g., basements)		x
	Located within 100 feet of the UST system?		
	If yes, indicate type of structure, distance, and direction on site		
	map.		
	Are there any underground utilities (a.g. telephone electricity gas		
D.	water sewer storm drain) located within 100 feet of the UST	*X	
	system that could potentially come in contact with the		
	contamination? *Sewer, water, ele	ctric	ity,
	cable & fiber opti	С	1,
	If yes, indicate the type of utility, distance, and direction on the site		
	map.		
	•		
E.	Has contaminated soil been identified at a depth less than 3 feet		Х
	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.		

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)









Picture 1: Location of UST 1081Heather. "Heathes" is an accidental misspelling.



Picture 2: UST 1081Heather tank pit.

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.

LICE.	1001 11	a a b b a m				
CoC	1081 н	eatner			 	
Benzene		ND				
Toluene	0.033	3 mg/k	g			
Ethylbenzene	0.216	mg/kg				
Xylenes	0.705	mg/kg				
Naphthalene	0.568	mg/kg				
Benzo (a) anthracene	15.8 m	ig/kg				
Benzo (b) fluoranthene	8.21	mg/kg				
Benzo (k) fluoranthene	5.79	mg/kg				
Chrysene	14.6 m	ig/kg				
Dibenz (a, h) anthracene	0.158	mg/kg				
TPH (EPA 3550)						
				 r	 ·····	
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				
МТВЕ	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)



THE LEADER IN ENVIRONMENTAL TESTING

March 31, 2011 9:52:21AM

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

1 1 1 1 1

P/O Nbr: Date Received:

Work Order:

Project Name:

Project Nbr:

NUC3441 Laurel Bay Housing Project [none] 1027 03/19/11

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
034 Foxglove	NUC3441-01	03/14/11 11:45
081 Heather	NUC3441-02	03/14/11 16:30
146 1ris	NUC3441-03	03/15/11 11:00
142 1ris	NUC3441-04	03/15/11 16:00
124 Iris	NUC3441-05	03/16/11 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.

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South Carolina Certification Number: 84009

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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:

Kozarne L. Connor

Roxanne Connor Program Manager - Conventional Accounts

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:	NUC3441
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/19/11 08:15

			ANALY	TICAL REP	ORT					
Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUC3441-01 (1034 General Chemistry Parameters	Foxglove - Soil) Sampl	ed: 03/14/2	11 11:45						
% Dry Solids	80.7		%	0.500	0.500	1	03/30/11 14:37	SW-846	AMS	11C7014
Volatile Organic Compounds by EF	A Method 8260F	3								
Benzene	0.00169	J	mg/kg dry	0.00125	0.00227	1	03/28/11 13:42	SW846 8260B	МЈН	11C5212
Ethylbenzene	2.42		mg/kg dry	0.0711	0.145	50	03/28/11 17:20	SW846 8260B	MJH	11C5212
Nanhthalene	19.6	B1	mg/kg dry	2.47	7.26	1000	03/28/11 20:57	SW846 8260B	MJH	11C5212
Toluene	0.0148		mg/kg dry	0.00101	0.00227	1	03/28/11 13:42	SW846 8260B	МЈН	11C5212
Yvlenes total	7.92		mg/kg dry	0.138	0.363	50	03/28/11 17:20	SW846 8260B	MJH	11C5212
Surr: 1,2-Dichloroethane-d4 (67-138%)	96 %			0.120	0.505	1	03/28/11 13:42	SW816 8260B	мін	1105212
Surr: 1,2-Dichloroethane-d4 (67-138%)	81 %					50	03/28/11 17:20	SW846 8260B	MIH	1105212
Surr: 1,2-Dichloroethane-d4 (67-138%)	93 %					1000	03/28/11 20:57	SW846 8260B	MIH	1105212
Surr: Dibromofluoromethane (75-125%)	100 %					1000	03/28/11/13:42	SW846 8260B	мін	1105212
Surr: Dibromofluoromethane (75-125%)	81 %					50	03 28 11 17:20	SW846 8260B	мін	11C5212
Surr: Dibromofluoromethane (75-125%)	93 %					1000	03 28 11 20:57	SW846 8260B	мін	1105212
Surr: Toluene-d8 (76-129%)	403 %	Z	X			1000	03-28-11-13:42	SW846 8260B	мін	11C5212
Surr: Toluene-d8 (76-129%)	107 %					50	03 28 11 17:20	SW846 8260B	МЈН	11C5212
Surr: Toluene-d8 (76-129%)	104 %					1000	03 28 11 20:57	SW846 8260B	MJH	11C5212
Surr: 4-Bromofluorobenzene (67-147%)	371 %	Z	X			1000	03 28 11 13:42	SW846 8260B	МЈН	11C5212
Surr: 4-Bromofluorobenzene (67-147%)	134%					.50	03-28-11 17:20	SW846 8260B	MJH	11C5212
Surr: 4-Bromofluorobenzene (67-147%)	99 %					1000	03/28/11 20:57	SW846 8260B	МЈН	11C5212
Polyaromatic Hydrocarbons by EPA	A 8270D									
Acenaphthene	1.76		mg/kg dry	0.0173	0.0827	1	03/24/11 22:18	SW846 8270D	КЈР	11C5269
Acenaphthylene	ND		mg/kg dry	0.0247	0.0827	. 1	03/24/11 22:18	SW846 8270D	KJP	11C5269
Anthracene	ND		mg/kg dry	0.0111	0.0827	1	03/24/11 22:18	SW846 8270D	КЈР	11C5269
Benzo (a) anthracene	0.0839		mg/kg dry	0.0136	0.0827	1	03/24/11 22:18	SW846 8270D	КЈР	11C5269
Benzo (a) pyrene	ND		mg/kg dry	0.00987	0.0827	1	03/24/11 22:18	SW846 8270D	КЈР	11C5269
Benzo (b) fluoranthene	ND		mg/kg dry	0.0469	0.0827	1	03/24/11 22:18	SW846 8270D	КЈР	11C5269
Benzo (g h i) pervlene	ND		mg/kg dry	0.0111	0.0827	1 .	03/24/11 22:18	SW846 8270D	КЈР	11C5269
Benzo (k) fluoranthene	ND		mg/kg dry	0.0456	0.0827	1	03/24/11 22.18	SW846 8270D	КЈР	11C5269
Chrysene	0.134		mg/kg dry	0.0382	0.0827	1	03/24/11 22:18	SW846 8270D	КЈР	11C5269
Dibenz (a h) anthracene	ND		mg/kg dry	0.0185	0.0827	1	03/24/11 22:18	SW846 8270D	КЈР	11C5269
Fluoranthene	ND		mg/kg dry	0.0136	0.0827	1	03/24/11 22:18	SW846 8270D	КЈР	11C5269
Fluoranciene	ND		mg/kg dry	0.0130	0.0827	1	03/24/11 22:18	SW846 8270D	КЈР	11C5269
	ND		mg/kg drv	0.0247	0.0827	1	03/24/11 22:18	SW846 8270D	KJP	11C5269
Manhthalana	14.3		mg/kg dry	0.0382	0.0627	10	03/24/11 22.18	SW846 8270D	KJP	11C5269
	9.16		mø/kø drv	0.173	0.827	10	03/25/11 23.55	SW040 0270D	KIP	11C5269
rnenantnrene	1.04		mø/kordnu	0.123	0.0227	10	03/23/11 23:33	SW040 02/0D	KIP	11C5269
Pyrene	30.1		mo/ka drv	0.0284	0.0827	1	03/24/11 22:18	SW040 8270D	K IP	11C5269
	43 3		mg/kg dry	0.148	0.827	10	03/25/11 23:53	SW 840 8270D	KID	11C5260
2-Methylnaphthalene	Q1 0/		mg/ kg ui y	1.30	4.13	50	03/26/11 00:15	5W846 8270D	кл 	1105209
Surr: 1erphenyl-d14 (18-120%)	81 %					1	03/24/11 22:18	SW846 8270D	KJP	11C5269

THE LEADER IN ENVIRONMENTAL TESTING

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC3441
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/19/11 08:15

			ANALY	TICAL REP	ORT					
Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUC3441-01 (1034)	Foxglove - Soi	il) - cont.	Sampled:	03/14/11 11:	:45					
Polyaromatic Hydrocarbons by EPA	8270D - cont.									
Surr: 2-Fluorobiphenyl (14-120%)	79 %					1	03/24/11 22:18	SW846 8270D	KJP	11C5269
Surr: Nitrobenzene-d5 (17-120%)	63 %					1	<i>03/24/11 22:18</i>	SW846 8270D	KJP	11C5269
Sample ID: NUC3441-02 (1081) General Chemistry Parameters	Heather - Soil) Sample	ed: 03/14/1	1 16:30						
% Dry Solids	80.8		%	0.500	0.500	1	03/30/11 14:37	SW-846	AMS	11C7014
Volatile Organic Compounds by EP.	A Method 8260	В								
Benzene	ND		mg/kg dry	0.00119	0.00216	1	03/28/11 14:13	SW846 8260B	MJH	11C5212
Ethylbenzene	0.216		mg/kg dry	0.00106	0.00216	1	03/28/11 14:13	SW846 8260B	MJH	11C5212
Naphthalene	0.568	B1, E	mg/kg dry	0.00184	0.00541	1	03/28/11 14:13	SW846 8260B	МЛН	11C5212
Toluene	0.0333		mg/kg dry	0.000963	0.00216	1	03/28/11 14:13	SW846 8260B	МЈН	11C5212
Xylenes, total	0.705	Е	mg/kg dry	0.00206	0.00541	1	03/28/11 14:13	SW846 8260B	MJH	11C5212
Surr: 1,2-Dichloroethane-d4 (67-138%)	90 %					1	03/28/11 14:13	SW846 8260B	MJH	11C5212
Surr: Dibromofluoromethane (75-125%)	90 %					1	03/28/11 14:13	SW846 8260B	MJH	11C5212
Surr: Toluene-d8 (76-129%)	116 %					1	03/28/11 14:13	SW846 8260B	MJH	11C5212
Surr: 4-Bromofluorobenzene (67-147%)	87 %					1	03 28 11 14:13	SW846 8260B	MJH	11C5212
Polyaromatic Hydrocarbons by EPA	8270D									
Acenaphthene	1.39		mg/kg dry	0.0172	0.0826	1	03/24/11 22:40	SW846 8270D	KJP	11C5269
Acenaphthylene	ND		mg/kg dry	0.0246	0.0826	1	03/24/11 22:40	SW846 8270D	KJP	11C5269
Anthracene	7.03		mg/kg dry	0.111	0.826	10	03/26/11 00:38	SW846 8270D	КЈР	11C5269
Benzo (a) anthracene	15.8		mg/kg dry	0.136	0.826	10	03/26/11 00:38	SW846 8270D	КЈР	11C5269
Benzo (a) pyrene	5.92		mg/kg dry	0.0986	0.826	10	03/26/11 00:38	SW846 8270D	КЈР	11C5269
Benzo (b) fluoranthene	8.21		mg/kg dry	0.468	0.826	10	03/26/11 00:38	SW846 8270D	КЈР	11C5269
Benzo (g,h,i) perylene	1.47		mg/kg dry	0.0111	0.0826	1	03/24/11 22:40	SW846 8270D	КЈР	11C5269
Benzo (k) fluoranthene	5.79		mg/kg dry	0.456	0.826	10	03/26/11 00:38	SW846 8270D	КЈР	11C5269
Chrysene	14.6		mg/kg dry	0.382	0.826	10	03/26/11 00:38	SW846 8270D	КЈР	11C5269
Dibenz (a,h) anthracene	0.158		mg/kg dry	0.0185	0.0826	1	03/24/11 22:40	SW846 8270D	КЈР	11C5269
Fluoranthene	43.7		mg/kg dry	0.678	4.13	50	03/26/11 00:59	SW846 8270D	КЈР	11C5269
Fluorene	3.81		mg/kg dry	0.0246	0.0826	1	03/24/11 22:40	SW846 8270D	KJP	11C5269
Indeno (1,2,3-cd) pyrene	1.53		mg/kg dry	0.0382	0.0826	1	03/24/11 22:40	SW846 8270D	КЈР	11C5269
Naphthalene	5.58		mg/kg dry	0.172	0.826	10	03/26/11 00:38	SW846 8270D	KJP	11C5269
Phenanthrene	31.7		mg/kg dry	0.123	0.826	10	03/26/11 00:38	SW846 8270D	KJP	11C5269
Pyrene	33.8		mg/kg dry	0.283	0.826	10	03/26/11 00:38	SW846 8270D	КЈР	11C5269
1-Methylnaphthalene	25.4		mg/kg dry	0.148	0.826	10	03/26/11 00:38	SW846 8270D	КЈР	11C5269
2-Methylnaphthalene	41.0		mg/kg dry	0.259	0.826	10	03/26/11 00:38	SW846 8270D	КЈР	11C5269
Surr: Terphenyl-d14 (18-120%)	74%					1	03 24 11 22:40	SW846 8270D	KJP	11C5269
Surr: 2-Fluorobiphenyl (14-120%)	54 %					1	03/24 11 22:40	SW846 8270D	KJP	11C5269
Surr: Nitrobenzene-d5 (17-120%)	77 %					1	03/24/11 22:40	SW846 8270D	KJP	11C5269

THE LEADER IN ENVIRONMENTAL TESTING

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC3441
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/19/11 08:15

			ANALY	TICAL REP	ORT					
Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUC3441-03 (1146	Iris - Soil) San	pled: 03	3/15/11 11:	00						
General Chemistry Parameters	-	-								
% Dry Solids	81.8		%	0.500	0.500	1	03/30/11 14:37	SW-846	AMS	11C7014
Volatile Organic Compounds by EP	A Method 8260	В								
Renzene	ND	_	mg/kg dry	0.00194	0.00352	1	03/28/11 16:49	SW846 8260B	МЈН	11C5212
Ethylhenzene	0.00555		mg/kg dry	0.00174	0.00352	1	03/28/11 16:49	SW846 8260B	MJH	11C5212
Nanhthalene	0.0407	BI	mg/kg dry	0.00175	0.00332	1	03/28/11 16:49	SW846 8260B	МЈН	11C5212
Toluene	ND	Ы	mg/kg dry	0.00157	0.00352	1	03/28/11 16:49	SW846 8260B	МЈН	11C5212
Yylenes total	0.0184		mg/kg dry	0.00335	0.00881	1	03/28/11 16:49	SW846 8260B	МЈН	11C5212
Surr: 1,2-Dichloroethane-d4 (67-138%)	90 %			0.00555	0.00001		03/28/11 16:49	SW846 8260B	MIH	1105212
Surr: Dibromofluoromethane (75-125%)	90 %					1	03/28/11 16:49	SW846 8260B	MIH	11C5212
Surr: Toluene-d8 (76-129%)	112 %					1	03/28/11 16:49	SW846 8260B	МЈН	11C5212
Surr: 4-Bromofluorobenzene (67-147%)	110 %					I	03/28/11 16:49	SW846 8260B	MJH	11C5212
Polyaromatic Hydrocarbons by EPA	8270D									
Acenaphthene	ND		mg/kg dry	0.0168	0.0802	1	03/24/11 23:02	SW846 8270D	KJP	11C5269
Acenaphthylene	ND		mg/kg d r y	0.0239	0.0802	1	03/24/11 23:02	SW846 8270D	KJP	11C5269
Anthracene	ND		mg/kg dry	0.0108	0.0802	1	03/24/11 23:02	SW846 8270D	КЈР	11C5269
Benzo (a) anthracene	ND		mg/kg dry	0.0132	0.0802	1	03/24/11 23:02	SW846 8270D	КЈР	11C5269
Benzo (a) pyrene	ND		mg/kg dry	0.00958	0.0802	1	03/24/11 23:02	SW846 8270D	КЈР	11C5269
Benzo (b) fluoranthene	ND		mg/kg dry	0.0455	0.0802	1	03/24/11 23:02	SW846 8270D	КЈР	11C5269
Benzo (g,h,i) perylene	ND		mg/kg d r y	0.0108	0.0802	1	03/24/11 23:02	SW846 8270D	КЈР	11C5269
Benzo (k) fluoranthene	ND		mg/kg dry	0.0443	0.0802	1	03/24/11 23:02	SW846 8270D	КЈР	11C5269
Chrysene	ND		mg/kg dry	0.0371	0.0802	1	03/24/11 23:02	SW846 8270D	КЛР	11C5269
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0180	0.0802	1	03/24/11 23:02	SW846 8270D	КЈР	11C5269
Fluoranthene	0.048 7	J	mg/kg dry	0.0132	0.0802	1	03/24/11 23:02	SW846 8270D	КЈР	11C5269
Fluorene	ND		mg/kg dry	0.0239	0.0802	1	03/24/11 23:02	SW846 8270D	КЈР	11C5269
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0371	0.0802	1	03/24/11 23:02	SW846 8270D	КJР	11C5269
Naphthalene	ND		mg/kg dry	0.0168	0.0802	1	03/24/11 23:02	SW846 8270D	КЈР	11C5269
Phenanthrene	0.0714	J	mg/kg dry	0.0120	0.0802	1	03/24/11 23:02	SW846 8270D	К:ЈР	11C5269
Pyrene	0.0423	J	mg/kg dry	0.0275	0.0802	1	03/24/11 23:02	SW846 8270D	KJP	11C5269
1-Methylnaphthalene	0.0862		mg/kg dry	0.0144	0.0802	1	03/24/11 23:02	SW846 8270D	КЈР	11C5269
2-Methylnaphthalene	0.146		mg/kg dry	0.0251	0.0802	1	03/24/11 23:02	SW846 8270D	KJP	11C5269
Surr: Terphenyl-d14 (18-120%)	72 %					Ι	03/24/11 23:02	SW846 8270D	KJP	11C5269
Surr: 2-Fluorobiphenyl (14-120%)	57 %					Ι	03/24/11/23:02	SW846 8270D	KJP	11C5269
Surr: Nitrobenzene-d5 (17-120%)	64 %					1	03/24/11 23:02	SW846 8270D	KJP	11C5269

THE LEADER IN ENVIRONMENTAL TESTING

 Client
 EEG - Small Business Group, Inc. (2449)
 Work Order:
 NUC3441

 10179 Highway 78
 Project Name:
 Laurel Bay Housing Project

 Ladson, SC 29456
 Project Number:
 [none]

 Attm
 Tom McElwee
 03/19/11 08:15

			ANALY	TICAL REP	ORT					
Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUC3441-04 (1142	Iris - Soil) San	npled: 0	3/15/11 16:	00					-	
General Chemistry Parameters										
% Dry Solids	79.9		%	0.500	0.500	1	03/30/11 14:37	SW-846	AMS	11C7014
Volatile Organic Compounds by EP	A Method 82601	В								
Benzene	ND		mg/kg dry	0.00160	0.00291	1	03/28/11 15:16	SW846 8260B	MJH	11C5212
Ethylbenzene	0.202		mg/kg dry	0.00143	0.00291	1	03/28/11 15:16	SW846 8260B	MJH	11C5212
Naphthalene	0.216	Bi	mg/kg dry	0.00247	0.00728	1	03/28/11 15:16	SW846 8260B	MJH	11C5212
Toluene	0.00163	J	mg/kg dry	0.00130	0.00291	1	03/28/11 15:16	SW846 8260B	MJH	11C5212
Xylenes, total	0.0757		mg/kg dry	0.00277	0.00728	1	03/28/11 15:16	SW846 8260B	MJH	11C5212
Surr: 1,2-Dichloroethane-d4 (67-138%)	90 %					1	03/28/11 15:16	SW846 8260B	MJH	11C5212
Surr: Dibromofluoromethane (75-125%)	90 %					1 ·	03-28-11 15:16	SW846 8260B	MJH	11C5212
Surr: Toluene-d8 (76-129%)	121 %					1	03 28 11 15:16	SW846 8260B	MJH	11C5212
Surr: 4-Bromofluorobenzene (67-147%)	421 %	Z	X			I	03 28 11 15:16	SW846 8260B	MJH	11C5212
Polyaromatic Hydrocarbons by EPA	8270D									
Acenaphthene	0,906		mg/kg dry	0.0173	0.0827	1	03/24/11 23:24	SW846 8270D	KJP	11C5269
Acenaphthylene	ND		mg/kg dry	0.0247	0.0827	1	03/24/11 23:24	SW846 8270D	KJP	11C5269
Anthracene	0.488		mg/kg dry	0.0111	0.0827	1	03/24/11 23:24	SW846 8270D	KJP	11C5269
Benzo (a) anthracene	ND		mg/kg dry	0.0136	0.0827	1	03/24/11 23:24	SW846 8270D	КЈР	11C5269
Benzo (a) pyrene	ND		mg/kg dry	0.00987	0.0827	1	03/24/11 23:24	SW846 8270D	КЈР	11C5269
Benzo (b) fluoranthene	ND		mg/kg dry	0.0469	0.0827	1	03/24/11 23:24	SW846 8270D	KJP	11C5269
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0111	0.0827	1	03/24/11 23:24	SW846 8270D	KJP	11C5269
Benzo (k) fluoranthene	ND		mg/kg dry	0.0457	0.0827	1	03/24/11 23:24	SW846 8270D	КЈР	11C5269
Chrysene	0.0601	J	mg/kg dry	0.03,83	0.0827	1	03/24/11 23:24	SW846 8270D	KJP	11C5269
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0185	0.0827	1	03/24/11 23:24	SW846 8270D	KJP	11C5269
Fluoranthene	0.159		mg/kg dry	0.0136	0.0827	1	03/24/11 23:24	SW846 8270D	KJP	11C5269
Fluorene	2.06		mg∕kg dry	0.0247	0.0827	1	03/24/11 23:24	SW846 8270D	КJР	11C5269
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0383	0.0827	1	03/24/11 23:24	SW846 8270D	KJP	11C5269
Naphthalene	1.38		mg/kg dry	0.0173	0.0827	1	03/24/11 23:24	SW846 8270D	KJP	11C5269
Phenanthrene	6.35		mg/kg dry	0.123	0.827	10	03/26/11 01:22	SW846 8270D	КЈР	11C5269
Pyrene	0.449		mg/kg dry	0.0284	0.0827	I	03/24/11 23:24	SW846 8270D	КЛР	11C5269
1-Methylnaphthalene	12.0		mg/kg dry	0.148	0.827	10	03/26/11 01:22	SW846 8270D	КЈР	11C5269
2-Methylnaphthalene	19.2		mg/kg dry	0.259	0.827	10	03/26/11 01:22	SW846 8270D	KJP	11C5269
Surr: Terphenyl-d14 (18-120%)	92 %					1	03/24/11 23:24	SW846 8270D	KJP	11C5269
Surr: 2-Fluorobiphenyl (14-120%)	70 %					1	03/24/11 23:24	SW846 8270D	KJP	11C5269
Surr: Nitrobenzene-d5 (17-120%)	74 %					1	03/24/11 23:24	SW846 8270D	KJP	11C5269

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)

10179 Highway 78

Ladson, SC 29456

Attn Tom McElwee

Work Order:	NUC3441
Project Name:	Laurel Bay Housing Project
Project Number:	[none]
Received:	03/19/11 08:15

ANALYTICAL REPORT

						Dilution	Analysis			
Analyte	Result	Flag	Units	MDL	MRL	Factor	Date/Time	Method	Analyst	Batch
Sample ID: NUC3441-05 (1124)	lris - Soil) Sam	pled: 0	3/16/11 16:	00						
General Chemistry Parameters	,	-								
% Dry Solids	82.8		%	0.500	0.500	1	03/30/11 14:37	SW-846	AMS	11C7014
Volatile Organic Compounds by EP.	A Method 8260H	3								
Benzene	0.0396	-	mg/kg dry	0.00107	0.00104	1	02/28/11 15:47	SW/846 8260B	МЈН	11C5212
Ethylbenzene	5.44		mg/kg dry	0.00107	0.00174	50	03/28/11 19:47	SW946 9260D	MIH	11C5212
Nanhthalene	33.8	B1	mg/kg dry	1.73	5.07	1000	03/28/11 18:53	SW846 8260D	млн	11C5212
Talvana	ND	ы	mg/kg drv	0.0452	0.101	50	03/28/11 19:24	SW 840 8200D	MIH	1105212
Yulanas tatal	6.04		mg/kg dry	0.0432	0.101	50	03/28/11 18:53	SW 840 8200D	мін	1105212
Ayrenes, 101ai Surr: 1.2-Dichloroethane-d4 (67-138%)	07 %		g g	0.0964	0.254	50	03/28/11 18:53	SW 840 8200B		1105212
Surr: 1,2-Dichloroethane-d4 (67-138%)	87.9%					1	03/28/11 15:47	SW846 8260B	MJH	11C5212
Surr: 1,2-Dichloroethane-d4 (67-138%)	03 %					50	03/28/11 18:53	SW846 8260B	MJH	11C5212
Sure: Dibromofluoromethane (75, 125%)	95 %					1000	03/28/11 19:24	SW846 8260B	MJH	11C5212
Surr: Dibromofluoromethane (75-125%)	80 %					1	03/28/11 15:47	SW846 8260B	MJH	1105212
Surr: Dibromofluoromethane (75-125%)	92%					50	03-28 11 18:53	SW846 8260B	MJH	1105212
Surr: Toluene-d8 (76-129%)	552%	7	v			1000	03 28 11 19:24	SW846 8260B	MJH	1105212
Surr: Toluene-d8 (76-129%)	113%	<i>L.</i>	1			1	03-28 11 15:47	SW846 8260B	MJH	1105212
Surr: Toluene-d8 (76-129%)	104%					50	03 28 11 18:53	SW846 8260B	MJH	110.5212
Surr: 4-Bromofluoroben=ene (67-147%)	267 %	7	v			1000	03 28 11 19:24	SW840 8200B	MJH	110.5212
Surr: 4-Bromofluorobenzene (67-147%)	133 %	Ζ	1			1	03-28-11 15:47	SW840 8200B	MJH	110.5212
Surr: 4-Bromofluorobenzene (67-147%)	89 %					50 1000	03/28/11 18:55	SW846 8260B	MJH MIH	1105212
Polyaromatic Hydrocarbons by EPA	8270D					1000				
Acenanhthene	1.50		mg/kg dry	0.0166	0.0796	1	03/24/11 22:46	SW846 8270D	KJP	11C5269
A cenonthylene	ND		mg/kg dry	0.0738	0.0790	1	03/24/11 23:46	SW846 8270D	КЈР	11C5269
	0.771		mg/kg dry	0.0258	0.0790	1	03/24/11 23:46	SW846 8270D	KIP	1105269
Anni acene	ND		mg/kg dry	0.0107	0.0790	1	03/24/11 23:46	SW 640 6270D	KIP	1105269
Benzo (a) antiracene	ND		mg/kg dry	0.0131	0.0796		03/24/11 23:46	SW 846 8270D	K IP	1105269
Benzo (a) pyrene	ND		ma/ka dry	0.00951	0.0796	1	03/24/11 23:46	SW846 8270D	K ID	1105269
Benzo (b) Huoranthene	ND		ma/ka dry	0.0452	0.0796	1	03/24/11 23:46	SW846 8270D	K ID	1105260
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0107	0.0796	1	03/24/11 23:46	SW846 8270D	K JF	1105269
Benzo (k) fluoranthene	0.0860		mg/kg dry	0.0440	0.0796	1	03/24/11 23:46	SW846 8270D	KJF V ID	1105209
Chrysene			mg/kg dry	0.0368	0.0796	1	03/24/11 23:46	SW846 8270D	KJF V D	1105209
Dibenz (a,h) anthracene	0.210		mg/kg ury	0.0178	0.0796	1	03/24/11 23:46	SW846 8270D	KJP V ID	1105269
Fluoranthene	0.219		mg/kg dry	0.0131	0.0796	1	03/24/11 23:46	SW846 8270D	KJP	1105269
Fluorene	3.21		mg/kg dry	0.0238	0.0796	1	03/24/11 23:46	SW846 8270D	КЈР	11C5269
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0368	0.0796	1	03/24/11 23:46	SW846 8270D	КЈР	11C5269
Naphthalene	12.1		mg/kg dry	0.166	0.796	10	03/26/11 01:44	SW846 8270D	KJP	11C5269
Phenanthrene	10.8		mg/kg dry	0.119	0.796	10	03/26/11 01:44	SW846 8270D	KJP	11C5269
Pyrene	0.618		mg/kg d r y	0.0273	0.0796	1	03/24/11 23:46	SW846 8270D	КJР	11C5269
I-MethyInaphthalene	30.5		mg/kg dry	0.143	0.796	10	03/26/11 01:44	SW846 8270D	КJР	11C5269
2-Methylnaphthalene	44.4		mg/kg dry	0.499	1.59	20	03/26/11 02:07	SW846 8270D	КЈР	11C5269
Surr: Terphenyl-d14 (18-120%)	93 %					1	03/24/11 23:46	SW846 8270D	KJP	<i>IIC5269</i>

THE LEADER IN ENVIRONMENTAL TESTING

Client I	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC3441
1	10179 Highway 78	Project Name:	Laurel Bay Housing Project
J	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/19/11 08:15

	ANALYTICAL REPORT											
Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch		
Sample ID: NUC3441-05 (1124	Iris - Soil) - con	ıt. Sampl	ed: 03/16/	11 16:00								
Polyaromatic Hydrocarbons by EPA	A 8270D - cont.											
Surr: 2-Fluorobiphenyl (14-120%)	76 %					1	03 24 11 23:46	SW846 8270D	KJP	11C5269		
Surr: Nitrobenzene-d5 (17-120%)	79 %					1	03/24/11 23:46	SW846 8270D	KJP	11C5269		

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) 10179 Highway 78

Ladson, SC 29456

Attn Tom McElwee

Work Order:NUC3441Project Name:Laurel Bay Housing ProjectProject Number:[none]Received:03/19/11 08:15

SAMPLE EXTRACTION DATA

	•		Wt/Vol				Extraction
Parameter	Batch	Lab Number	Extracted	Extract Vol	Date	Analyst	Method
Polyaromatic Hydrocarbons by EPA	8270D						
SW846 8270D	11C5269	NUC3441-01	30.14	1.00	03/24/11 09:30	SAS	EPA 3550C
SW846 8270D	11C5269	NUC3441-01RE1	30.14	1.00	03/24/11 09:30	SAS	EPA 3550C
SW846 8270D	11C5269	NUC3441-01RE2	30.14	1.00	03/24/11 09:30	SAS	EPA 3550C
SW846 8270D	11C5269	NUC3441-02	30.13	1.00	03/24/11 09:30	SAS	EPA 3550C
SW846 8270D	11C5269	NUC3441-02RE1	30.13	1.00	03/24/11 09:30	SAS	EPA 3550C
SW846 8270D	11C5269	NUC3441-02RE2	30.13	1.00	03/24/11 09:30	SAS	EPA 3550C
SW846 8270D	11C5269	NUC3441-03	30.64	1.00	03/24/11 09:30	SAS	EPA 3550C
SW846 8270D	11C5269	NUC3441-04	30.43	1.00	03/24/11 09:30	SAS	EPA 3550C
SW846 8270D	11C5269	NUC3441-04RE1	30.43	1.00	03/24/11 09:30	SAS	EPA 3550C
SW846 8270D	11C5269	NUC3441-05	30.48	1.00	03/24/11 09:30	SAS	EPA 3550C
SW846 8270D	11C5269	NUC3441-05RE1	30.48	1.00	03/24/11 09:30	SAS	EPA 3550C
SW846 8270D	11C5269	NUC3441-05RE2	.30,48	1.00	03/24/11 09:30	SAS	EPA 3550C
Volatile Organic Compounds by EPA	Method 8260B						
SW846 8260B	11C5212	NUC3441-01	5.45	5.00	03/14/11 11:45	TSP	EPA 5035
SW846 8260B	11C5212	NUC3441-01RE1	4.27	5.00	03/14/11 11:45	TSP	EPA 5035
SW846 8260B	11C5212	NUC3441-01RE2	4.27	5.00	03/14/11 11:45	TSP	EPA 5035
SW846 8260B	11C5212	NUC3441-02	5.72	5.00	03/14/11 16:30	TSP	EPA 5035
SW846 8260B	11C5212	NUC3441-02RE1	5.18	5.00	03/14/11 16:30	TSP	EPA 5035
SW846 8260B	11C5212	NUC3441-02RE2	5.73	5.00	03/14/11 16:30	TSP	EPA 5035
SW846 8260B	11C5212	NUC3441-02RE3	5.18	5.00	03/14/11 16:30	TSP	EPA 5035
SW846 8260B	11C5212	NUC3441-03	5.95	5.00	03/15/11 11:00	TSP	EPA 5035
SW846 8260B	11C5212	NUC3441-03RE1	3.47	5.00	03/15/11 11:00	TSP	EPA 5035
SW846 8260B	11C5212	NUC3441-04	4.30	5.00	03/15/11 16:00	TSP	EPA 5035
SW846 8260B	11C5212	NUC3441-05	6.22	5.00	03/16/11 16:00	TSP	EPA 5035
SW846 8260B	11C5212	NUC3441-05RE1	5.95	5.00	03/16/11 16:00	TSP	EPA 5035
SW846 8260B	11C5212	NUC3441-05RE2	5.95	5.00	03/16/11 16:00	TSP	EPA 5035

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)

10179 Highway 78

Ladson, SC 29456

Attn Tom McElwee

Work Order:	NUC3441
Project Name:	Laurel Bay Housing Project
Project Number:	[none]
Received:	03/19/11 08:15

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						
11C5212-BLK1							
Benzene	<0.00110		mg/kg wet	11C5212	11C5212-BLK1	03/28/11 12:41	
Ethylbenzene	<0.000980		mg/kg wet	11C5212	11C5212-BLK1	03/28/11 12:41	
Naphthalene	0.00217	J	mg/kg wet	11C5212	11C5212-BLK1	03/28/11 12:41	
Toluene	<0.000890		mg/kg wet	11C5212	11C5212-BLK1	03/28/11 12:41	
Xylenes, total	<0.00190		mg/kg wet	11C5212	11C5212-BLK1	03/28/11 12:41	
Surrogate: 1,2-Dichloroethane-d4	106%			11C5212	11C5212-BLK1	03/28/11 12:41	
Surrogate: Dibromofluoromethane	106%			11C5212	11C5212-BLK1	03/28/11 12:41	
Surrogate: Toluene-d8	101%			11C5212	11C5212-BLK1	03/28/11 12:41	
Surrogate: 4-Bromofluorobenzene	118%			11C5212	11C5212-BLK1	03/28/11 12:41	
11C5212-BLK2							
Benzene	<0.0550		mg/kg wet	11C5212	11C5212-BLK2	03/28/11 13:12	
Ethylbenzene	<0.0490		mg/kg wet	11C5212	11C5212-BLK2	03/28/11 13:12	
Naphthalene	0.110	J	mg/kg wet	11C5212	11C5212-BLK2	03/28/11 13:12	
Toluene	<0.0445		mg/kg wet	11C5212	11C5212-BLK2	03/28/11 13:12	
Xylenes, total	<0.0950		mg/kg wet	11C5212	11C5212-BLK2	03/28/11 13:12	
Surrogate: 1,2-Dichloroethane-d4	98%			11C5212	11C5212-BLK2	03/28/11 13:12	
Surrogate: Dibromofluoromethane	94%			11C5212	11C5212-BLK2	03/28/11 13:12	
Surrogate: Toluene-d8	103%			11C5212	11C5212-BLK2	03/28/11 13:12	
Surrogate: 4-Bromofluorobenzene	119%			11C5212	11C5212-BLK2	03/28/11 13:12	
Polyaromatic Hydrocarbons by E	CPA 8270D						
11C5269-BLK1							
Acenaphthene	<0.0140		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	
Acenaphthylene	<0.0200		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	
Anthracene	<0.00900		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	
Benzo (a) anthracene	<0.0110		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	
Benzo (a) pyrene	<0.00800		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	
Benzo (b) fluoranthene	<0.0380		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	
Benzo (g,h,i) perylene	<0.00900		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	
Benzo (k) fluoranthene	< 0.0370		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	
Chrysene	< 0.0310		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	
Dibenz (a,h) anthracene	< 0.0150		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	
Fluoranthene	< 0.0110		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	
Fluorene	<0.0200		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	
Indeno (1,2,3-cd) pyrene	< 0.0310		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	
Naphthalene	< 0.0140		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	
Phenanthrene	< 0.0100		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	
Pyrene	<0.0230		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	
I-Methylnaphthalene	<0.0120		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	
2-Methylnaphthalene	<0.0210		mg/kg wet	11C5269	11C5269-BLK1	03/24/11 17:53	

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) 10179 Highway 78 Ladson, SC 29456 Attn Tom McElwee Work Order:NUC3441Project Name:Laurel Bay Housing ProjectProject Number:[none]Received:03/19/11 08:15

PROJECT QUALITY CONTROL DATA Blank - Cont.

Analyte B	lank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 827	D					
11C5269-BLK1						
Surrogate: Terphenyl-d1-4	80%			11C5269	11C5269-BLK1	03/24/11 17:53
Surrogate: 2-Fluorobiphenyl	79%			11C5269	11C5269-BLK1	03/24/11 17:53
Surrogate: Nitrobenzene-d5	75%			11C5269	11C5269-BLK1	03/24/11 17:53

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) 10179 Highway 78 Ladson, SC 29456 Attn Tom McElwee Work Order:NUC3441Project Name:Laurel Bay Housing ProjectProject Number:[none]Received:03/19/11 08:15

	PROJECT QUALITY CONTROL DATA Duplicate											
Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time		
General Chemistry Parameters												
11C7014-DUP1												
% Dry Solids	97.8	97.7		%	0.1	20	11C7014	NUC3440-08		03/30/11 14:37		

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)

10179 Highway 78

Ladson, SC 29456

Attn Tom McElwee

Work Order:	NUC3441
Project Name:	Laurel Bay Housing Project
Project Number:	[none]
Received:	03/19/11 08:15

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by El	PA Method 8260B							
11C5212-BS1								
Benzene	50.0	50.8		ug/kg	102%	78 - 126	11C5212	03/28/11 11:39
Ethylbenzene	50.0	60.2		ug/kg	120%	79 - 130	11C5212	03/28/11 11:39
Naphthalene	50.0	62.2		ug/kg	124%	72 - 150	11C5212	03/28/11 11:39
Toluene	50.0	57.5		ug/kg	115%	76 - 126	11C5212	03/28/11 11:39
Xylenes, total	150	177		ug/kg	118%	80 - 130	11C5212	03/28/11 11:39
Surrogate: 1,2-Dichloroethane-d4	50.0	46.9			94%	67 - 138	11C5212	03/28/11 11:39
Surrogate: Dibromofluoromethane	50.0	46.2			92%	75 - 125	11C5212	03/28/11 11:39
Surrogate: Toluene-d8	50.0	51.4			103%	76 - 129	11C5212	03/28/11 11:39
Surrogate: 4-Bromofluorobenzene	50.0	57.3			115%	67 - 147	11C5212	03/28/11 11:39
Polyaromatic Hydrocarbons by EP	'A 8270D							
11C5269-BS1								
Acenaphthene	1.67	1.39	MNR	mg/kg wet	83%	49 - 120	11C5269	03/24/11 18:15
Acenaphthylene	1.67	1.41	MNR	mg/kg wet	84%	52 - 120	11C5269	03/24/11 18:15
Anthracene	1.67	1.60	MNR	mg/kg wet	96%	58 - 120	11C5269	03/24/11 18:15
Benzo (a) anthracene	1.67	1.54	MNR	mg/kg wet	92%	57 - 120	11C5269	03/24/11 18:15
Benzo (a) pyrene	1.67	1.53	MNR	mg/kg wet	92%	55 - 120	11C5269	03/24/11 18:15
Benzo (b) fluoranthene	1.67	1.44	MNR	mg/kg wet	86%	51 - 123	11C5269	03/24/11 18:15
Benzo (g,h,i) perylene	1.67	1.53	MNR	mg/kg wet	92%	49 - 121	11C5269	03/24/11 18:15
Benzo (k) fluoranthene	1.67	1.63	MNR	mg/kg wet	98%	42 - 129	11C5269	03/24/11 18:15
Chrysene	1.67	1.50	MNR	mg/kg wet	90%	55 - 120	11C5269	03/24/11 18:15
Dibenz (a,h) anthracene	1.67	1.54	MNR	mg/kg wet	92%	50 - 123	11C5269	03/24/11 18:15
Fluoranthene	1.67	1.55	MNR	mg/kg wet	93%	58 - 120	11C5269	03/24/11 18:15
Fluorene	1.67	1.49	MNR	mg/kg wet	90%	54 - 120	11C5269	03/24/11 18:15
Indeno (1,2,3-cd) pyrene	1.67	1.54	MNR	mg/kg wet	92%	50 - 122	11C5269	03/24/11 18:15
Naphthalene	1.67	1.25	MNR	mg/kg wet	75%	28 - 120	11C5269	03/24/11 18:15
Phenanthrene	1.67	1.57	MNR	mg/kg wet	94%	56 - 120	11C5269	03/24/11 18:15
Pyrene	1.67	1.56	MNR	mg/kg wet	93%	56 - 120	11C5269	03/24/11 18:15
1-Methylnaphthalene	1,67	1.14	MNR	mg/kg wet	69%	36 - 120	11C5269	03/24/11 18:15
2-Methylnaphthalene	1.67	1.26	MNR	mg/kg wet	75%	36 - 120	11C5269	03/24/11 18:15
Surrogate: Terphenyl-d14	1.67	1.34			81%	18 - 120	11C5269	03/24/11 18:15
Surrogate: 2-Fluorobiphenyl	1.67	1.26			76%	14 - 120	11C5269	03/24/11 18:15
Surrogate: Nitrobenzene-d5	1.67	1.08			65%	17 - 120	11C5269	03/24/11 18:15

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) 10179 Highway 78 Ladson, SC 29456

Attn Tom McElwee

Work Order:NUC3441Project Name:Laurel Bay Housing ProjectProject Number:[none]Received:03/19/11 08:15

	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 l	EPA Method 8260)B											
11C5212-MS1													
Benzene	ND	54.5		ug/kg	50.0	109%	42 - 141	11C5212	NUC3441-02R E1	03/28/11 21:28			
Ethylbenzene	31.5	61.1		ug/kg	50.0	59%	21 - 165	11C5212	NUC3441-02R E1	03/28/11 21:28			
Naphthalene	360	63.8	M8	ug/kg	50.0	-591%	10 - 160	11C5212	NUC3441-02R E1	03/28/11 21:28			
Toluene	13.5	56.7		ug/kg	50.0	86%	45 - 145	11C5212	NUC3441-02R E1	03/28/11 21:28			
Xylenes, total	104	178		ug/kg	150	49%	31 - 159	11C5212	NUC3441-02R E1	03/28/11 21:28			
Surrogate: 1,2-Dichloroethane-d4		48.7		ug/kg	50.0	97%	67 - 138	11C5212	NUC3441-02R E1	03/28/11 21:28			
Surrogate: Dibromofluoromethane		48.8		ug/kg	50.0	98%	75 - 125	11C5212	NUC3441-02R E1	03/28/11 21:28			
Surrogate: Toluene-d8		51.6		ug/kg	50.0	103%	76 - 129	11C5212	NUC3441-02R E1	03/28/11 21:28			
Surrogate: 4-Bromofluorobenzene		58.0		ug/kg	50.0	116%	67 - 147	11C5212	NUC3441-02R E1	03/28/11 21:28			

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) 10179 Highway 78 Ladson, SC 29456

Attn Tom McElwee

Work Order:NUC3441Project Name:Laurel Bay Housing ProjectProject Number:[none]Received:03/19/11 08:15

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 El	PA Method 8	3260B			_							
11C5212-MSD1												
Benzene	ND	46.1		ug/kg	50.0	92%	42 - 141	17	50	11C5212	NUC3441-02R	03/28/11 21:59
Ethylbenzene	31.5	62.8		ug/kg	50.0	63%	21 - 165	3	50	11C5212	E1 NUC3441-02R	03/28/11 21:59
Naphthalene	360	64.6	M8	ug/kg	50.0	-590%	10 - 160	1	50	11C5212	E1 NUC3441-02R	03/28/11 21:59
Toluene	13.5	58.7		ug/kg	50.0	90%	45 - 145	3	50	11C5212	E1 NUC3441-02R	03/28/11 21:59
Xylenes, total	104	184		ug/kg	150	53%	31 - 159	3	50	11C5212	E1 NUC3441-02R	03/28/11 21:59
Surrogate: 1,2-Dichloroethane-d4		39.6		ug/kg	50.0	79%	67 - 138			11C5212	EI NUC3441-02R	03/28/11 21:59
Surrogate: Dibromofluoromethane		40.6		ug/kg	50.0	81%	75 - 125			11C5212	EI NUC3441-02R	03/28/11 21:59
Surrogate: Toluene-d8		51.8		ug/kg	50.0	104%	76 - 129			11C5212	EI NUC3441-02R	03/28/11 21:59
Surrogate: 4-Bromofluorobenzene		58.1		ug/kg	50.0	116%	67 - 147			11C5212	E1 NUC3441-02R E1	03/28/11 21:59

Page 14 of 16

THE LEADER IN ENVIRONMENTAL TESTING

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC3441
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/19/11 08:15

TestAmerica Nashville

CERTIFICATION SUMMARY

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

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC3441
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/19/11 08:15

DATA QUALIFIERS AND DEFINITIONS

B1 Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.

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.
- M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
- **MNR** No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
- **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

NUC3441 04/04/11 23:59

	EEG#2449	Nashvi 2960 Fo Nashvi	lle Divis oster Cr lle, TN 3	sion reight 37204	on			Te	Phoi oli Fri Fi	ne: 6 10: 8 1x: 6	15-72 00-76 15-72	26-01 35-09 26-34	77 80 04						Tr m re	o assist ethods, guiaton	us in u is this y purpo	sing th work b ses?	e prope eing co	r analyl nducted	lical I for						:
Address:	10179 Highwa	ay 78																				Com	pliance	Monito	ring?	Ye	s	No)		
City/State/Zip:	Ladson, SC 2	9456					_					_										En	forcem	ent Actie	on?	Ye	s		,	•	
Project Manager:	Tom McElwae	emeil: mce	wee@e	eginc.	net						·	_					SH	te Sta	te: S	<u>c</u>								-		•	
Telephone Number:	843.412.2097					F	IX No	.ta	43	\mathbf{t}	270	1-1	50	57				P	D#:	10	22	<u> </u>									
Sampler Name: (Print)	Jam.	ESE	Alc	1.,)			-ft					10	<u> </u>			TA C	Quote	*:				_								
Sampler Signature:	Jam	res \$	Bal	du	en	_					~						Pro	oject minor	ID: <u>La</u>	urel Ba	y Housi	iny Pro	ject								
				- -		[-	Pr	eserv	ative		<u>ए</u>		Mat	triv								-							······	
			1 B					3	-		Π	1		ĪĨ	<u> </u>	Т	8	<u> </u>	- <u>_</u>			Analyz	ze For:			·	· · · · ·	1_			
Sample ID / Description 1034 Foxglove 1081 Heather 1146 IRIS 1142 IRIS 1124 IRIS	11/1/1/2015	1600 1600 1600 1600	1 1 1 1 1 1 No. of Containers Shi	X X X Gab	Composite	Field Fittered	HNO, (Red Label)	ないとうとうともの	NaOH (Orange Label) HSO, Plaster Values 1-1-		Z C C Z None (Black Laber)	Cliher (Specify) Mc	Wastewater	Drinking Water	XXX X Sudge	Other (specify):	X X X X BTEX + Napth - 826	Y Y X XX	PAH - 8270D							1 01 02 03 04 05		RUSH TAT (Pre-Schedule	Standard TAT	Fax Results	ind CC with report
						\bot	\downarrow						Π	T	\square				+=	-	+	+	=	1							
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ecial Instructions:			L			1_								Т					+		1	+-	+	╆──					7	\checkmark	
linguished by: James Baldeuin Binguished by BANN	Date 3-17-11 Date 3/16/11	,	Time 18:30 Time 400	0 Re	aceived Aceived F	by Te		of Sh		<u>t:</u>			3/	Date Date	FEI		Time 83 Time	-0	Lab	Temp VOC:	Comm berature 5 Free (ents: Upon of Head	Receip dspace	nt O	Ĵe.	<u> 1</u>	· · ·	L Y	- <u> </u>		·

ATTACHMENT A

Generator's Mailing Address: Gen CAS, BEAUFORT AUREL BAY HOUSING EAUFORT, SC 29907 Generator's Phone 843-228-6461 Transporter 1 Company Name EG, INC. Transporter 2 Company Name Designated Facility Name and Site Address CKORY HILL LANDFILL 521 LOW COUNTRY ROAD DGELAND, SC 29936 . Description of Waste Materials HEATING OIL TANKS FILLED WITH SAND WM Profile # 102655SC WM Profile #	6. US EPA ID 8. US EPA ID 10. US EPA I) Number) Number) Number D Number	ontainers Type 2014	A. Manifes WI C. State Tr D. Transpo E. State Tr F. Transpo G. State Fa H. State Fa H. State Fa H. State Fa	st Number MNA B. State C ransporter's II porter's Phone ransporter's II porter's Phone acility ID acility Phone 14. Unit Wt./Vol.	00316 Generator's 843-8 0 843-8	5808 5 ID 879-041 987-464 Alsc. Commer		
AUFORT, SC 29907 Generator's Phone 843-228-6461 Transporter 1 Company Name EG, INC. Transporter 2 Company Name Designated Facility Name and Site Address ICKORY HILL LANDFILL 521 LOW COUNTRY ROAD DGELAND, SC 29936 . Description of Waste Materials HEATING OIL TANKS FILLED WITH SAND WM Profile # 102655SC WM Profile #	6. US EPA ID 8. US EPA ID 10. US EPA I	D Number	ontainers Type Dog	C. State Tr D. Transpo E. State Tr F. Transpo G. State Fa H. State Fa 13. Total Quantity	ansporter's ID orter's Phone ansporter's ID orter's Phone acility ID acility Phone 14. Unit wt./Vol.	2 843-8 2 843-9 1. M	879-041 987-464 Aisc. Commer		
Transporter 1 Company Name EG, INC. Transporter 2 Company Name Designated Facility Name and Site Address ICKORY HILL LANDFILL 521 LOW COUNTRY ROAD DGELAND, SC 29936 . Description of Waste Materials HEATING OIL TANKS FILLED WITH SAND WM Profile # 102655SC	6. US EPA ID 8. US EPA ID 10. US EPA I) Number) Number ID Number	ontainers Type 201	C. State Tr D. Transpo E. State Tr F. Transpo G. State Fa H. State Fa 13. Total Quantity	ransporter's II porter's Phone ransporter's II porter's Phone acility ID acility Phone 14. Unit Wt./Vol.	0 843-8 0 843-9	879-041 987-464 Aisc. Commer		
Transporter 2 Company Name Designated Facility Name and Site Address CKORY HILL LANDFILL 521 LOW COUNTRY ROAD DGELAND, SC 29936 . Description of Waste Materials HEATING OIL TANKS FILLED WITH SAND WM Profile # 102655SC WM Profile #	8. US EPA ID	D Number	ontainers Type 201	E. State Tr F. Transpo G. State Fa H. State Fa 13. Total Quantity	ansporter's ID prter's Phone acility ID acility Phone 14. Unit Wt./Vol.	843-5	987-464 Aisc. Commer		
Designated Facility Name and Site Address ICKORY HILL LANDFILL 521 LOW COUNTRY ROAD DGELAND, SC 29936 . Description of Waste Materials HEATING OIL TANKS FILLED WITH SAND WM Profile # 102655SC WM Profile #	10. US EPA 1	12.Co	ontainers Type 209	G. State Fa H. State Fa 13. Total Quantity	acility ID acility Phone 14. Unit Wt./Vol.	843-5	987-464 Aisc. Commer		
521 LOW COUNTRY ROAD DGELAND, SC 29936 . Description of Waste Materials HEATING OIL TANKS FILLED WITH SAND WM Profile # 102655SC WM Profile #		12. Cc No.	Type Joy	H. State Fa	14. Unit Wt./Vol.	843-9	987-464 Aisc. Commer		
Description of Waste Materials HEATING OIL TANKS FILLED WITH SAND WM Profile # 102655SC WM Profile #		12. Cc No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. N	Aisc. Commer		
HEATING OIL TANKS FILLED WITH SAND WM Profile # 102655SC WM Profile #	2		904				73 de		
WM Profile # 1026555C	2		0		A A A A A	1.2.2.2			
WM Profile #									
					115				
		1	Type		Alle				
Additional Descriptions for Materials Listed Above		K. Dispo	sal Location						
		Cell Grid				Level	1		
DZ24 Cypress 3398	ACORN-21 L ACORN / 5	1)103")1081	HEA.	there	6) 114	6 I R	ist		
rchase Order # . GENERATOR'S CERTIFICATE: ereby certify that the above-described materials are not h	EMERGENCY CO	NTACT / PH	IONE NO.: Part 261 or a	any applicable	e state law, ha	ave been fu	ally and		
curately described, classified and packaged and are in prop inted Name harles Herrow	Signature "On beha	rtation acco	ording to ap	plicable regul	lations.	Month	Day //		
Transporter 1 Acknowledgement of Receipt of Materials Printed Name TOMES Boldwin	s Signature	Bo	low		1997 - 19	Month	Day 12		
. Transporter 2 Acknowledgement of Receipt of Materials Printed Name	s V Signature					Month	Day		
. Certificate of Final Treatment/Disposal ertify, on behalf of the above listed treatment facility, that plicable laws, regulations, permits and licenses on the dat	t to the best of my knowle tes listed above.	edge, the a	bove-descri	bed waste w	as managed i	n complian	ce with all		
Facility Owner or Operator: Certification of receipt of no Printed Name	on-hazardous materials co	overed by t	his manifes	t. 1 -1 1		Month	Day		

Appendix C Laboratory Analytical Report - Groundwater



Volatile Organic Compounds by GC/MS

				-	-								
Client: AECOM - Resolut	ion Consultants				Laboratory ID: QL04022-001								
Description: BEALB1081TW01	WG20151203				Matrix: Aqueous								
Date Sampled:12/03/2015 0920													
Date Received: 12/04/2015													
RunPrep Method15030B	Analytical Method 8260B	Dilution 1	Analysis 12/08/201	Date Analyst 5 1911 SES	Prep	Date	Batch 91584						
Parameter		Nur	CAS nber	Analytical Method	Result	Q	LOQ	LOD	DL	Units	Run		
Benzene		71-	43-2	8260B	0.45	U	5.0	0.45	0.21	ug/L	1		
Ethylbenzene		100-	41-4	8260B	0.26	J	5.0	0.51	0.21	ug/L	1		
Naphthalene		91-	20-3	8260B	0.89	J	5.0	0.96	0.14	ug/L	1		
Toluene		108-	88-3	8260B	0.48	U	5.0	0.48	0.24	ug/L	1		
Xylenes (total)		1330-	20-7	8260B	0.57	U	5.0	0.57	0.32	ug/L	1		
Surrogate	Q %	Run 1 Recovery	Acceptand Limits	e									
Bromofluorobenzene		95	75-120										
1,2-Dichloroethane-d4		98	70-120										
Toluene-d8		97	85-120										

85-115

96

PQL = Practical quantitation limitB = Detected in the method blankE = Quantitation of compound exceeded the calibration rangeH = Out of holding timeQ = Surrogate failureND = Not detected at or above the MDLJ = Estimated result < PQL and \geq MDLP = The RPD between two GC columns exceeds 40%N = Recovery is out of criteriaL = LCS/LCSD failureWhere applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"S = MS/MSD failure

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

Dibromofluoromethane

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

Description: BEALB1081TW01WG20151203

Laboratory ID: QL04022-001 Matrix: Aqueous

Date Sampled:12/03/2015 0920

Date Received: 12/04/2015

RunPrep Method13520C	Analytical Method Dilution 8270D (SIM) 1	Analysis Date Analyst 12/11/2015 1647 DRB1	t Prep Date 12/10/2015 09 ⁻	Batch 18 91795			
Parameter	C Num	CAS Analytical ber Method	Result Q	LOQ	LOD	DL	Units Run
Benzo(a)anthracene	56-5	5-3 8270D (SIM)	0.040 U	0.20	0.040	0.019	ug/L 1
Benzo(b)fluoranthene	205-9	9-2 8270D (SIM)	0.040 U	0.20	0.040	0.019	ug/L 1
Benzo(k)fluoranthene	207-0	8-9 8270D (SIM)	0.040 U	0.20	0.040	0.024	ug/L 1
Chrysene	218-0	1-9 8270D (SIM)	0.040 U	0.20	0.040	0.021	ug/L 1
Dibenzo(a,h)anthracene	53-7	0-3 8270D (SIM)	0.080 U	0.20	0.080	0.040	ug/L 1
Surrogate	Run 1 A Q % Recovery	Acceptance Limits					
2-Methylnaphthalene-d10	80	15-139					
Fluoranthene-d10	102	23-154					

PQL = Practical quantitation limitB = Detected in the method blankE = Quantitation of compound exceeded the calibration rangeH = Out of holding timeQ = Surrogate failureND = Not detected at or above the MDLJ = Estimated result < PQL and ≥ MDL</td>P = The RPD between two GC columns exceeds 40%N = Recovery is out of criteriaL = LCS/LCSD failureWhere applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"S = MS/MSD failureS = MS/MSD failure

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

Appendix D Regulatory Correspondence





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

Dear Mr. Drawdy,

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

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

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

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

Sincerely,

that M. They

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)



Catherine E. Heigel, Director

Promoting and protecting the health of the public and the environment

Attachment to:

Krieg to Drawdy Subject: IGWA Dated 7/1/2015

Laurel Bay Underground Storage Tank Assessment Reports for: (97 addresses/110 tanks)

118 Banyan	343 Ash Tank 2
126 Banyan	344 Ash Tank 2
127 Banyan	347 Ash Tank 2
130 Banyan Tank 1	378 Aspen Tank 2
141 Laurel Bay	379 Aspen
151 Laurel Bay	382 Aspen Tank 1
224 Cypress	382 Aspen Tank 2
227 Cypress	394 Acorn Tank 2
256 Beech Tank 2	400 Elderberry
257 Beech Tank 1	432 Elderberry
257 Beech Tank 2	436 Elderberry
264 Beech	473 Dogwood Tank 2
265 Beech Tank 2	482 Laurel Bay
265 Beech Tank 3	517 Laurel Bay
275 Birch	586 Aster
277 Birch Tank 1	632 Dahlia
285 Birch	639 Dahlia Tank 2
292 Birch Tank 3	643 Dahlia Tank 1
297 Birch	644 Dahlia Tank 1
301 Ash	644 Dahlia Tank 2
306 Ash	646 Dahlia Tank 1
310 Ash Tank 1	646 Dahlia Tank 2
313 Ash	665 Camellia
315 Ash Tank 2	699 Abelia
316 Ash	744 Blue Bell
319 Ash	745 Blue Bell Tank 1
320 Ash	747 Blue Bell Tank 1
321 Ash	747 Blue Bell Tank 2
329 Ash	747 Blue Bell Tank 3
330 Ash Tank 2	749 Blue Bell Tank 1
331 Ash	749 Blue Bell Tank 2
332 Ash	751 Blue Bell
333 Ash	762 Althea
335 Ash Tank 1	765 Althea Tank 2
335 Ash Tank 2	766 Althea Tank 4
341 Ash	767 Althea Tank 1
342 Ash Tank 1	768 Althea Tank 2
342 Ash Tank 2	768 Althea Tank 3

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL 2600 Bull Street • Columbia, SC 29201 • Phone: (803) 898-3432 • www.scdhec.gov Laurel Bay Underground Storage Tank Assessment Reports for: (98 addresses/110 tanks) cont.

768 Althea Tank 4	1067 Gardenia
769 Althea Tank 1	1077 Heather
769 Althea Tank 2	1081 Heather
775 Althea	1101 Iris Tank 2
819 Azalea	1104 Iris
840 Azalea	1105 Iris Tank 2
878 Cobia	1124 Iris Tank 2
891 Cobia	1142 Iris Tank 2
913 Barracuda	1146 Iris Tank 2
916 Barracuda	1218 Cardinal
923 Albacore	1240 Dove
1004 Bobwhite	1266 Dove
1022 Foxglove	1292 Eagle
1031 Foxglove	1299 Eagle Tank 1
1034 Foxglove Tank 2	1302 Eagle
1061 Gardenia Tank 3	1336 Albatross
1064 Gardenia	1351 Cardinal



Catherine E. Heigel, Director Promoting and protecting the health of the public and the environment

> Division of Waste Management Bureau of Land and Waste Management

June 8, 2016

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

RE: Approval and Concurrence with Draft Final Initial Groundwater Investigation Report-November and December 2015 Laurel Bay Military Housing Area Multiple Properties Dated April 2015

Dear Mr. Drawdy,

The South Carolina Department of Health and Environmental Control (the Department) received groundwater data in the above referenced Groundwater Investigation Report for the attached addresses on May 2, 2016. The regulatory authority for the investigation and cleanup of releases from these tank systems is the South Carolina Pollution Control Act (S.C. Code Ann. §48-1-10 et seq., as amended).

Per the Department's request, groundwater samples were collected from the attached referenced addresses. The Department reviewed the groundwater data and previous investigations and it agrees with the conclusions and recommendations included in the document. To further assess the impact to groundwater, permanent wells should be installed at the 15 stated addresses. For the remaining 80 addresses, there is no indication of contamination on the property and therefore no further investigation is required at this time.

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

If you have any questions, please contact me at petruslb@dhec.sc.gov or 803-898-0294.

Sincerely,

LISTS

Laurel Petrus RCRA Federal Facilities Section

Attachment: Specific Property Recommendations

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

Subject: Draft Final Initial Groundwater Investigation Report-November and December 2015 Specific Property Recommendations Dated June 8, 2016

Draft Final Initial Groundwater Investigation Report for (95 addresses)

Permanent Monitoring Well Investigation recommendation (15 addresses)					
130 Banyan Drive	473 Dogwood Drive				
256 Beech Street	747 Blue Bell Lane				
285 Birch Drive	749 Blue Bell Lane				
292 Birch Drive	775 Althea Street				
330 Ash Street	1034 Foxglove Street				
331 Ash Street	1104 Iris Lane				
335 Ash Street	1124 Iris Lane	1			
342 Ash Street		-			
		-			
		-			
		-			
		-			
		-			
and the second se					
		-			
		_			

No Further Action recommendation (80 addresses)	
118 Banyan Drive	644 Dahlia Drive
126 Banyan Drive	646 Dahlia Drive
127 Banyan Drive	665 Camellia Drive
141 Laurel Bay Blvd	699 Abelia Street
151 Laurel Bay Blvd	744 Blue Bell Lane
224 Cypress Street	745 Blue Bell Lane
227 Cypress Street	751 Blue Bell Lane
257 Beech Street	762 Althea Street
264 Beech Street	765 Althea Street
265 Beech Street	766 Althea Street
275 Birch Drive	767 Althea Street
277 Birch Drive	768 Althea Street
297 Birch Drive	769 Althea Street
301 Ash Street	819 Azalea Drive
306 Ash Street	840 Azalea Drive
310 Ash Street	878 Cobia Drive
313 Ash Street	891 Cobia Drive
315 Ash Street	913 Barracuda Drive
316 Ash Street	916 Barracuda Drive
319 Ash Street	923 Wren Lane
320 Ash Street	1004 Bobwhite Drive
321 Ash Street	1022 Foxglove Street
329 Ash Street	1031 Foxglove Street
332 Ash Street	1061 Gardenia Drive
333 Ash Street	1064 Gardenia Drive
341 Ash Street	1067 Gardenia Drive
347 Ash Street	1077 Heather Street
378 Aspen Street	1081 Heather Street
379 Aspen Street	1101 Iris Lane
382 Aspen Street	1105 Iris Lane
394 Acorn Street	1142 Iris Lane
400 Elderberry Drive	1146 Iris Lane
432 Elderberry Drive	1218 Cardinal Lane
436 Elderberry Drive	1240 Dove Lane
482 Laurel Bay Blvd	1266 Dove Lane
517 Laurel Bay Blvd	1292 Eagle Lane
586 Aster Street	1299 Eagle Lane
632 Dahlia Drive	1302 Eagle Lane
639 Dahlia Drive	1336 Albatross Drive
643 Dahlia Drive	1351 Cardinal Lane

Attachment to: Petrus to Drawdy Subject: Draft Final Initial Groundwater Investigation Report-November and December 2015 Specific Property Recommendations Dated June 8, 2016, Page 2