SUMMARY REPORT
415 IRIS LANE (FORMERLY 1142 IRIS LANE)
LAUREL BAY MILITARY HOUSING AREA
MARINE CORPS AIR STATION BEAUFORT
BEAUFORT, SC

Revision: 0
Prepared for:

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

and

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

JUNE 2021

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Prepared by:

CDM - AECOM
Multimedia Joint Venture

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

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

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Appendices

List of Acronyms

bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
CTO	Contract Task Order
COPC	constituents of potential concern
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 415 Iris Lane (Formerly 1142 Iris Lane). This NFA determination indicates that there are no unacceptable risks to human health or the environment for the petroleum constituents associated with the home heating oil USTs. The following information is included in this report:

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

1.1 Background Information

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

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

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

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

1.2 UST Removal and Assessment Process

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

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

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

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

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

2.0 SAMPLING ACTIVITIES AND RESULTS

The following section presents the sampling activities and associated results for 415 Iris Lane (Formerly 1142 Iris Lane). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 1142 Iris Lane* (MCAS Beaufort, 2009) and *SCDHEC UST Assessment Report – 1142 Iris Lane* (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

In July 2007 and March 2011, two 280 gallon heating oil USTs were removed at 415 Iris Lane (Formerly 1142 Iris Lane), respectively. Tank 1 was removed on July 25, 2007 from the front landscaped bed area, adjacent to the driveway. Tank 2 was removed on March 15, 2011 from

the front landscaped bed area, adjacent to the front concrete porch. The former UST locations are indicated in the figures of the UST Assessment Reports (Appendix B). The USTs were removed, cleaned, and shipped offsite for recycling. There was no visual evidence (i.e., staining or sheen) of petroleum impact at the time of the UST removal. According to the UST Assessment Reports (Appendix B), the depths to the bases of the USTs were 5' (Tank 1) and 4'1" (Tank 2) bgs and a single soil sample was collected for each at that depth. An additional soil sample was collected at the side of the excavation for Tank 1 at a depth of 3'8". The samples were collected from the fill port side of the former USTs to represent a worst case scenario.

Following UST removal, a soil sample was collected from the base of each excavation and the side in the excavation for Tank 1 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 415 Iris Lane (Formerly 1142 Iris Lane) during the removal of Tank 1 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. The soil results collected from 415 Iris Lane (Formerly 1142 Iris Lane) during the removal of Tank 2 were greater than the SCDHEC RBSLs, which indicated further investigation was required. In a letter dated July 1, 2015, SCDHEC requested an IGWA for 415 Iris Lane (Formerly 1142 Iris Lane) to determine if the groundwater was impacted by petroleum COPCs. SCDHEC's request letter is provided in Appendix D.

2.3 Groundwater Sampling

On November 20, 2015, a temporary monitoring well was installed at 415 Iris Lane (Formerly 1142 Iris Lane), 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 (Tank 2). The former UST locations are indicated in the figures 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 415 Iris Lane (Formerly 1142 Iris Lane) 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 USTs at concentrations that present a potential risk to human health and the environment.

3.0 PROPERTY STATUS

Based on the analytical results for soil (Tank 1) and groundwater (Tank 2), SCDHEC made the determination that NFA was required for 415 Iris Lane (Formerly 1142 Iris Lane). This NFA determination was obtained in a letter dated April 9, 2009 (Tank 1) and June 8, 2016 (Tank 2). SCDHEC's NFA letters are provided in Appendix D.

4.0 REFERENCES

Marine Corps Air Station Beaufort, 2009. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 1142 Iris Lane, Laurel Bay Military Housing Area*, March 2009.

Marine Corps Air Station Beaufort, 2011. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 1142 Iris Lane, 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 1
Laboratory Analytical Results - Soil
415 Iris Lane (Formerly 1142 Iris Lane)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs [1]	Results Samples Collected 07/25/07 and 03/15/11)		
		1142 Iris Bottom 01	1142 Iris Side 02	1142 Iris 03/15/11
Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)				
Benzene	0.003	ND	ND	ND
Ethylbenzene	1.15	ND	ND	**0.202**
Naphthalene	0.036	ND	ND	**0.216**
Toluene	0.627	ND	**0.000324**	**0.00163**
Xylenes, Total	13.01	ND	ND	**0.0757**
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (mg/kg)				
Benzo(a)anthracene	0.66	ND	**0.0502**	ND
Benzo(b)fluoranthene	0.66	ND	ND	ND
Benzo(k)fluoranthene	0.66	ND	ND	ND
Chrysene	0.66	ND	**0.0639**	**0.0601**
Dibenz(a,h)anthracene	0.66	ND	ND	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).
Bold font indicates the analyte was detected.
Bold font and shading indicates the concentration exceeds the SCDHEC RBSL.
EPA - United States Environmental Protection Agency
mg/kg - milligrams per kilogram
ND - not detected at the reporting limit (or method detection limit if shown on the laboratory report). The soil laboratory report is provided in Appendix B.
RBSL - Risk-Based Screening Level
SCDHEC - South Carolina Department Of Health and Environmental Control

Table 2
Laboratory Analytical Results - Groundwater
415 Iris Lane (Formerly 1142 Iris Lane)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs [1]	Site-Specific Groundwater VISLs (µg/L)[2]	Results Sample Collected 11/20/15
Volatile Organic Compounds Analyzed by EPA Method 8260B (µg/L)			
Benzene	5	16.24	ND
Ethylbenzene	700	45.95	ND
Naphthalene	25	29.33	**0.26**
Toluene	1000	105,445	ND
Xylenes, Total	10,000	2,133	ND
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (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

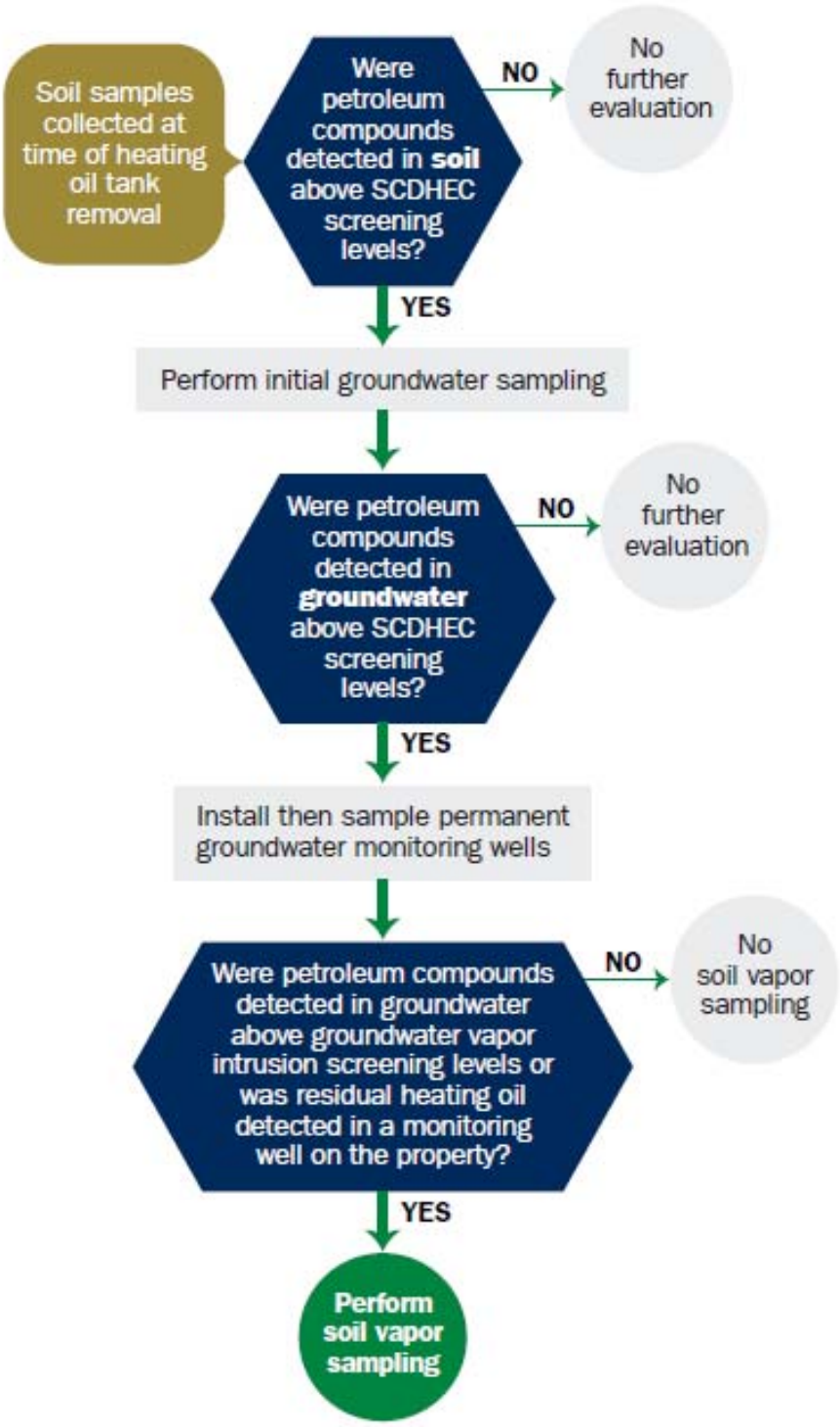
SCDHEC - South Carolina Department Of Health and Environmental Control

µg/L - micrograms per liter

VISL - Vapor Intrusion Screening Level

Appendix A
Multi-Media Selection Process for LBMH

CDM - AECOM
Multimedia Joint Venture



Appendix A - Multi-Media Selection Process for LBMH

Appendix B
UST Assessment Reports

CDM - AECOM
Multimedia Joint Venture

Attachment 1
South Carolina Department of Health and Environmental Control (SCDHEC)

Underground Storage Tank (UST) Assessment Report

Date Received
State Use Only

Submit Completed Form To:
UST Program
SCDHEC
2600 Bull Street
Columbia, South Carolina 29201
Telephone (803) 896-6240

RECEIVED
MAR 24 2009
LAND REVITALIZATION
DIVISION - BLWM

I. OWNERSHIP OF UST (S)

Beaufort Military Complex Family Housing
Owner Name (Corporation, Individual, Public Agency, Other)

1510 Laurel Bay Blvd.
Mailing Address

Beaufort | SC | 29906
City | State | Zip Code

843 | 379-3305 | Kyle Broadfoot
Area Code | Telephone Number | Contact Person

II. SITE IDENTIFICATION AND LOCATION

N/A
Permit I.D. #

Actus Lend Lease Construction
Facility Name or Company Site Identifier

1142 Ris Ln.
Street Address or State Road (as applicable)

Beaufort, SC | 29906 | Beaufort
City | ZIP | County

Attachment 2

III. INSURANCE INFORMATION

Insurance Statement

The petroleum release reported to DHEC on N/A at Permit ID # 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.

And

I **do/do not** (circle one) wish to participate in the Superb Program.

IV. CERTIFICATION (To be signed by the UST owner/operator.)

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

V. UST II ORMATION

		Tank 1	Tank 2	Tank 3	Tank 4	Tank 5	Tank 6
A.	Product...(ex. Gas, Kerosene).....	#2 DIESEL					
B.	Capacity..(ex. 1k, 2k)..... (APPROX.)	350g					
C.	Age.....						
D.	Construction Material..(ex. Steel, FRP).....	Steel					
E.	Month/Year of Last Use.....						
F.	Depth (ft.) To Base of Tank.....	60"					
G.	Spill Prevention Equipment Y/N.....	N					
H.	Overfill Prevention Equipment Y/N.....	N					
I.	Method of Closure (Removed/Filled).....	Removed					
J.	Date Tanks Removed/Filled.....	7-2507					
K.	Visible Corrosion or Pitting Y/N.....	N					
L.	Visible Holes Y/N.....	N					

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

Recycling - Scrap Steel

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

TREATMENT FACILITY BROADHURST LANDFILL

SOLIDIFICATION + SUBTITLE D LANDFILL

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

VI. PIPING INFORMATION

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5	Tank 6
A. Construction Material..(ex. Steel, FRP).....	Steel					
B. Distance from UST to Dispenser.....	N/A					
C. Number of Dispensers.....	-0-					
D. Type of System Pressure or Suction.....	Electric Pump					
E. Was Piping Removed from the Ground? Y/N	N					
F. Visible Corrosion or Pitting Y/N.....	N					
G. Visible Holes Y/N.....	N					
H. Age.....						

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

VII. BRIEF SITE DESCRIPTION AND HISTORY

Home Heating Oil TANK - RESIDENTIAL

VIII. 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	

IX. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number DW: 84009002

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA #
					7-25-07	ECHEVARRIA	
1	BOTTOM	S	SAND	60"	1430	A. MARTINEZ	ND
2	SIDE	S	SAND	44"	1440	R. MARTINEZ	ND
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

* = Depth Below the Surrounding Land Surface

X. 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.

EPA Method 8260 B Volatile Organic Compounds
- Preservative: 2 ea Sodium Bisulfate 1 ea
EPA Method 8270 Poly Aromatic Hydrocarbons
- No Preservative

One (1) Sidewall and One (1) Bottom Sample were secured from tank excavation Samples were stored and shipped in an insulated cooler w/ ice.

XI. RECEPTORS

	Yes	No
A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system? If yes, indicate type of receptor, distance, and direction on site map.		X
B. Are there any public, private, or irrigation water supply wells within 1000 feet of the UST system? If yes, indicate type of well, distance, and direction on site map.		✓
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.		✓
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? 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 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.		✓

SUMMARY OF ANALYSIS RESULTS N/A

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

CoC	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8
Benzene								
Toluene								
Ethylbenzene								
Xylenes								
Naphthalene								
Benzo(a)anthracene								
Benzo(b)flouranthene								
Benzo(k)flouranthene								
Chrysene								
Dibenz(a,h)anthracene								
TPH (EPA 3550)								

CoC	SB-9	SB-10	SB-11	SB-12	SB-13	SB-14	SB-15	SB-16
Benzene								
Toluene								
Ethylbenzene								
Xylenes								
Naphthalene								
Benzo(a)anthracene								
Benzo(b)flouranthene								
Benzo(k)flouranthene								
Chrysene								
Dibenz(a,h)anthracene								
TPH (EPA 3550)								

SUMMARY OF ANALYSIS RESULTS (cont'd) N/A

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	.05				
Lead	Site specific				

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)

DQH0044 page 1 of 3

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Client Name: EPS Client #: 2411
Address:
City/State/Zip Code:
Project Manager: JOHN MAHONEY
Telephone Number: Fax:
Sampler Name: (Print Name) CHRIS ECHEVARRIA
Sampler Signature:

Project Name: LAUREL BAY
Project #: EP 2362
Site/Location ID: State:
Report To:
Invoice To:
Quote #: PO#:

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: ____
Fax Results: Y N

Matrix: SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other
Preservation & # of Containers: HNO_3 | HCl | NaOH | H_2SO_4 | Methanol | None | Other (Specify)
Analyze For: BTEX + NAPTH 8260 | PAH 8270

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix	HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other	BTEX + NAPTH 8260	PAH 8270	
1124 IRIS BOTTOM 01	7-24-07	1010	G							1	2	2	X	X	01
1124 IRIS SIDE 02	7-24-07	1010	C							1	2	2	X	X	02
1130 IRIS BOTTOM 01	7-24-07	1315	G							1	2	2	X	X	03
1130 IRIS SIDE 02	7-24-07	1320	C							1	2	2	X	X	04
1140 IRIS BOTTOM 01	7-25-07	930	G							1	2	2	X	X	05
1140 IRIS SIDE 02	7-25	930	C							1	2	2	X	X	06
1140 IRIS BOTTOM 03	7-25	940	G							1	2	2	X	X	07
1140 IRIS SIDE 04	7-25	940	C							1	2	2	X	X	08
1142 IRIS BOTTOM 01	7-25	1430	G							1	2	2	X	X	09
1142 IRIS SIDE 02	7-25	1440	C							1	2	2	X	X	10

QC Deliverables
___ None
X Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: ____

REMARKS

Special Instructions:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 6.0

	Date	Time		Date	Time
Relinquished By: Chris Echevarria	8/1/07	0900	Received By:	8/1/07	0900
Relinquished By:	8/1/07	1730	Received By:	8/2	9:00
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment: Fedex 8623 2591 1725 TA-Orlando

TestAmerica
ANALYTICAL TESTING CORPORATION

Client Name: EPG Client #: 2411
Address:
City/State/Zip Code:
Project Manager: JOHN MAHONEY
Telephone Number: Fax:
Sampler Name: (Print Name) CHRIS ECHEVARRIA
Sampler Signature:

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

Project Name: LAUREL BAY
Project #: EP 2362
Site/Location ID: State:
Report To:
Invoice To:
Quote #: PO#:

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: ____
Fax Results: Y N

Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other
Preservation & # of Containers: HNO_3, HCl, NaOH, H_2SO_4, Methanol, None, Other (Specify)
Analyze For: BTEX + NAPTH 8260, PAH 8270
QC Deliverables: ___ None; X Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: ____

	SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix	HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	BTEX + NAPTH 8260	PAH 8270	REMARKS	
5	1146 IRIS BOTTOM 01	7-26-07	930	G							1	2	2	X	X		11
6	1146 IRIS SIDE 02	7-26	940	C							1	2	2	X	X		12
7	1150 IRIS BOTTOM 01	7-26	1405	G							1	2	2	X	X		13
8	1150 IRIS SIDE 02	7-26	1405	C							1	2	2	X	X		14
9	1052 GARDENIA BOTTOM 01	7-27-07	845	G							1	2	2	X	X		15
10	1052 GARDENIA SIDE 02	7-27-07	845	C							1	2	2	X	X		16
11	1056 GARDENIA BOTTOM 01	"	1200	G							1	2	2	X	X		17
12	1056 GARDENIA SIDE 02	"	1200	C							1	2	2	X	X		18
13	1056 GARDENIA BOTTOM 03	"	1220	G							1	2	2	X	X		19
14	1056 GARDENIA SIDE 04	↓	1220	C							1	2	2	X	X		20

Special Instructions:

Relinquished By: Chris Echevarria	Date: 8/1/07	Time: 0900	Received By:	Date: 8/1/07	Time: 0900
Relinquished By:	Date: 8/1/07	Time: 1730	Received By:	Date: 8/2	Time: 9:00
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
8623 2591 1736
Method of Shipment: FedEx to TA-O, Ground

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Client Name: EPG Client #: 2411
Address:
City/State/Zip Code:
Project Manager: JOHN MAHONEY
Telephone Number: Fax:
Sampler Name: (Print Name) CHRIS ECHEVARRIA
Sampler Signature:

Project Name: LAUREL BAY
Project #: EP 2362
Site/Location ID: State:
Report To:
Invoice To:
Quote #: PO#:

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed:
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation: HNO_3	HCl	NaOH	H_2SO_4	Methanol	# of Containers: None	Other (Specify)	Analyze For: BTEX + NAPTH 8260	PAH 8270	REMARKS
1036 IRIS BOTTOM 01	7-23-07	1010	G							1	2	2	X	X	21
1036 IRIS SIDE 02	7-23-07	1020	C							1	2	2	X	X	22
1106 BOTTOM 01															
1106 SIDE 02															
1106 IRIS BOTTOM 01	7-23-07	1140	G							1	2	2	X	X	23
1106 IRIS SIDE 02	7-23-07	1150	C							1	2	2	X	X	24
1120 IRIS BOTTOM 01	7-23-07	1500	G							1	2	2	X	X	25
1120 IRIS SIDE 02	7-23-07	1500	C							1	2	2	X	X	26
1116 IRIS BOTTOM 01	7-24-07	0800	G							1	2	2	X	X	27
1116 IRIS SIDE 02	7-24-07	0800	C							1	2	2	X	X	28

QC Deliverables: ___ None; X Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: ____

Special Instructions:
Chris Echevarria

	Date	Time		Date	Time
Relinquished By	8/1/07	2900	Received By	8/1/07	2900
Relinquished By	8/1/07	1730	Received By	Date: 8/2	Time: 9:00
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
8623 2591 1747
Method of Shipment: FedEx to TA Orland

Client: EPG, INC.
PO BOX 1096
MT PLEASANT, SC 29465
Attn: JOHN MAHONEY

Work Order: OQH0044
Project: LAUREL BAY
Project Number: EP2362

Sampled: 07/23/07-07/27/07
Received: 08/02/07

LABORATORY REPORT
Sample ID: 1140 IRIS SIDE 04 - Lab Number: OQH0044-08 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Polynuclear Aromatic Hydrocarbons by EPA Method 8270 - Cont.											
85-01-8	Phenanthrene	44.9	U	ug/kg dry	44.9	191	1	08/10/07 09:16	REM	EPA 8270C	7H06004
129-00-0	Pyrene	38.7	U	ug/kg dry	38.7	191	1	08/10/07 09:16	REM	EPA 8270C	7H06004
Surrogate: 2-Fluorobiphenyl (24-121%)		*54 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*50 %*									
Surrogate: Terphenyl-d14 (44-171%)		*84 %*									

LABORATORY REPORT
Sample ID: 1142 IRIS BOTTOM 01 - Lab Number: OQH0044-09 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**81.7**	Q	%.	0.100	0.100	1	08/02/07 17:45	RRP	EPA 160.3	7H02039
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	Benzene	0.122	U	ug/kg dry	0.122	0.333	1	08/03/07 23:01	JWT	EPA 8260B	7H03050
100-41-4	Ethylbenzene	0.141	U	ug/kg dry	0.141	0.333	1	08/03/07 23:01	JWT	EPA 8260B	7H03050
91-20-3	Naphthalene	0.184	U	ug/kg dry	0.184	0.333	1	08/03/07 23:01	JWT	EPA 8260B	7H03050
108-88-3	Toluene	0.288	U	ug/kg dry	0.288	0.333	1	08/03/07 23:01	JWT	EPA 8260B	7H03050
1330-20-7	Xylenes, total	0.173	U	ug/kg dry	0.173	0.333	1	08/03/07 23:01	JWT	EPA 8260B	7H03050
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*121 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*108 %*									
Surrogate: Dibromofluoromethane (55-145%)		*109 %*									
Surrogate: Toluene-d8 (80-117%)		*103 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	Acenaphthene	90.5	U	ug/kg dry	90.5	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
208-96-8	Acenaphthylene	120	U	ug/kg dry	120	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
120-12-7	Anthracene	65.2	U	ug/kg dry	65.2	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
56-55-3	Benzo (a) anthracene	22.1	U	ug/kg dry	22.1	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
205-99-2	Benzo (b) fluoranthene	21.5	U	ug/kg dry	21.5	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
207-08-9	Benzo (k) fluoranthene	21.5	U	ug/kg dry	21.5	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
191-24-2	Benzo (g,h,i) perylene	21.2	U	ug/kg dry	21.2	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
50-32-8	Benzo (a) pyrene	25.1	U	ug/kg dry	25.1	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
90-12-0	1-Methylnaphthalene	103	U	ug/kg dry	103	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
218-01-9	Chrysene	24.4	U	ug/kg dry	24.4	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
53-70-3	Dibenz (a,h) anthracene	26.8	U	ug/kg dry	26.8	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
206-44-0	Fluoranthene	29.4	U	ug/kg dry	29.4	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
86-73-7	Fluorene	80.0	U	ug/kg dry	80.0	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
193-39-5	Indeno (1,2,3-cd) pyrene	26.5	U	ug/kg dry	26.5	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
91-57-6	2-Methylnaphthalene	87.1	U	ug/kg dry	87.1	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
91-20-3	Naphthalene	82.1	U	ug/kg dry	82.1	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
85-01-8	Phenanthrene	48.2	U	ug/kg dry	48.2	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
129-00-0	Pyrene	41.5	U	ug/kg dry	41.5	204	1	08/10/07 09:38	REM	EPA 8270C	7H06004
Surrogate: 2-Fluorobiphenyl (24-121%)		*47 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*43 %*									

Client: EPG, INC.
PO BOX 1096
MT PLEASANT, SC 29465
Attn: JOHN MAHONEY

Work Order: OQH0044
Project: LAUREL BAY
Project Number: EP2362

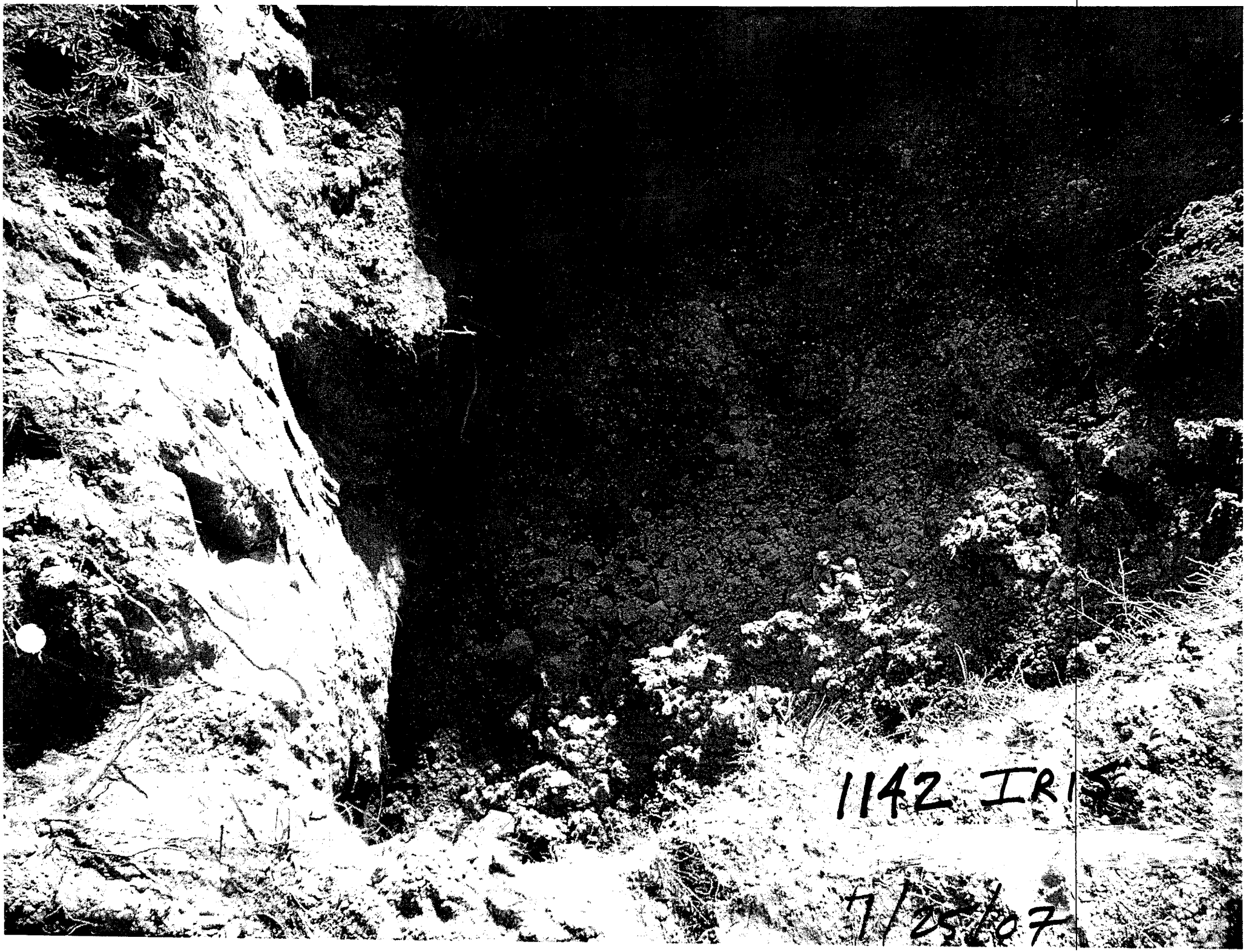
Sampled: 07/23/07-07/27/07
Received: 08/02/07

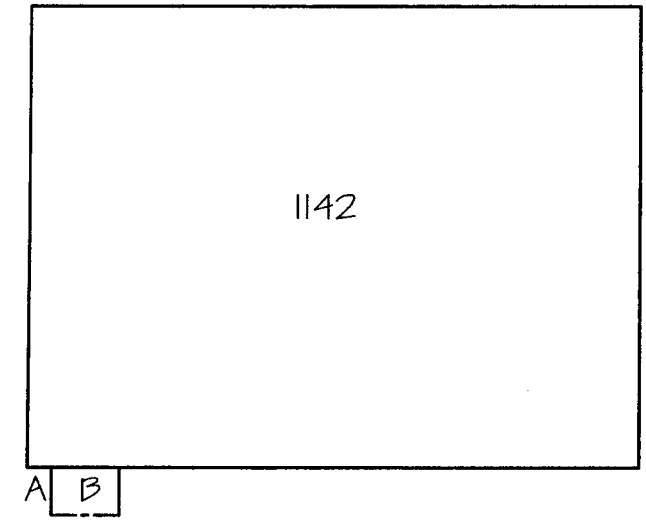
LABORATORY REPORT
Sample ID: 1142 IRIS BOTTOM 01 - Lab Number: OQH0044-09 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Polynuclear Aromatic Hydrocarbons by EPA Method 8270 - Cont.											
Surrogate: Terphenyl-d14 (44-171%)		*92 %*									

LABORATORY REPORT
Sample ID: 1142 IRIS SIDE 02 - Lab Number: OQH0044-10 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**87.7**	Q	%.	0.100	0.100	1	08/02/07 17:45	RRP	EPA 160.3	7H02039
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	Benzene	0.119	U	ug/kg dry	0.119	0.324	1	08/03/07 23:18	JWT	EPA 8260B	7H03050
100-41-4	Ethylbenzene	0.137	U	ug/kg dry	0.137	0.324	1	08/03/07 23:18	JWT	EPA 8260B	7H03050
91-20-3	Naphthalene	0.179	U	ug/kg dry	0.179	0.324	1	08/03/07 23:18	JWT	EPA 8260B	7H03050
108-88-3	**Toluene**	**0.324**		ug/kg dry	0.280	0.324	1	08/03/07 23:18	JWT	EPA 8260B	7H03050
1330-20-7	Xylenes, total	0.168	U	ug/kg dry	0.168	0.324	1	08/03/07 23:18	JWT	EPA 8260B	7H03050
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*123 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*106 %*									
Surrogate: Dibromofluoromethane (55-145%)		*110 %*									
Surrogate: Toluene-d8 (80-117%)		*103 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	Acenaphthene	84.4	U	ug/kg dry	84.4	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
208-96-8	Acenaphthylene	111	U	ug/kg dry	111	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
120-12-7	Anthracene	60.7	U	ug/kg dry	60.7	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
56-55-3	**Benzo (a) anthracene**	**50.2**	I	ug/kg dry	20.6	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
205-99-2	Benzo (b) fluoranthene	20.1	U	ug/kg dry	20.1	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
207-08-9	Benzo (k) fluoranthene	20.1	U	ug/kg dry	20.1	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
191-24-2	Benzo (g,h,i) perylene	19.8	U	ug/kg dry	19.8	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
50-32-8	Benzo (a) pyrene	23.4	U	ug/kg dry	23.4	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
90-12-0	1-Methylnaphthalene	95.6	U	ug/kg dry	95.6	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
218-01-9	**Chrysene**	**63.9**	I	ug/kg dry	22.8	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
53-70-3	Dibenz (a,h) anthracene	25.0	U	ug/kg dry	25.0	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
206-44-0	**Fluoranthene**	**47.5**	I	ug/kg dry	27.4	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
86-73-7	Fluorene	74.5	U	ug/kg dry	74.5	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
193-39-5	Indeno (1,2,3-cd) pyrene	24.7	U	ug/kg dry	24.7	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
91-57-6	2-Methylnaphthalene	81.2	U	ug/kg dry	81.2	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
91-20-3	Naphthalene	76.5	U	ug/kg dry	76.5	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
85-01-8	Phenanthrene	44.9	U	ug/kg dry	44.9	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
129-00-0	Pyrene	38.7	U	ug/kg dry	38.7	190	1	08/10/07 10:00	REM	EPA 8270C	7H06004
urrogate: 2-Fluorobiphenyl (24-121%)		*49 %*									
urrogate: Nitrobenzene-d5 (19-111%)		*47 %*									
urrogate: Terphenyl-d14 (44-171%)		*88 %*									


1142 IRI
7/25/07



TANK 1
BASE 60"

IRIS LANE

N

TANK 1 EXCAVATION

A-SOIL TEST SIDE SAMPLE @ 42"
B-SOIL TEST BOTTOM SAMPLE @ 60"

CUSTOMER : BEAUFORT MILITARY COMPLEX FAMILY HOUSING	SCALE : 1/16"=1'-0"	EPG INC. P.O. BOX 1096 MOUNT PLEASANT, SC 29465-1096
SITE ADDRESS : 1142 IRIS LANE	SUPPLIER : EPG INC. DATE : 9/22/2007	

recd 6-23-11

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

1142 Iris Lane, Laurel Bay Military Housing Area
Street Address or State Road (as applicable)

Beaufort,	Beaufort
City	County

Attachment 2

III. INSURANCE INFORMATION

Insurance Statement

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

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

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

My policy provider is:_____
The policy deductible is: _____
The policy limit is: _____

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

IV. REQUEST FOR SUPERB FUNDING

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

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

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

_____
Name (Type or print.)

_____
Signature

To be completed by Notary Public:

Sworn before me this _____ day of_____, 20____

_____
(Name)

Notary Public for the state of_____.
Please affix State seal if you are commissioned outside South Carolina

VI. UST INFORMATION

1142Iris				
Heating oil				
280 gal				
Late 1950s				
Steel				
Mid 1980s				
4'1"				
No				
No				
Removed				
3/15/2011				
Yes				
Yes				

A. Product...(ex. Gas, Kerosene).....

B. Capacity..(ex. 1k, 2k).....

C. Age.....

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

E. Month/Year of Last Use.....

F. Depth (ft.) To Base of Tank.....

G. Spill Prevention Equipment Y/N.....

H. Overfill Prevention Equipment Y/N.....

I. Method of Closure Removed/Filled.....

J. Date Tanks Removed/Filled.....

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

L. Visible Holes Y/N.....

M. Method of disposal for any USTs removed from the ground (attach disposal manifests)
UST 1142Iris 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 1142Iris was previously filled with sand by others.

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

VII. PIPING INFORMATION

	1142Iris				
A. Construction Material..(ex. Steel, FRP).....	Steel & Copper				
B. Distance from UST to Dispenser.....	N/A				
C. Number of Dispensers.....	N/A				
D. Type of System Pressure or Suction.....	Suction				
E. Was Piping Removed from the Ground? Y/N	No				
F. Visible Corrosion or Pitting Y/N.....	Yes				
G. Visible Holes Y/N.....	No				
H. Age.....	Late 1950s				

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

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

VIII. BRIEF SITE DESCRIPTION AND HISTORY

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

IX. SITE CONDITIONS

	Yes	No	Unk
A. Were any petroleum-stained or contaminated soils found in the UST excavation, soil borings, trenches, or monitoring wells? If yes, indicate depth and location on the site map.		X	
B. Were any petroleum odors detected in the excavation, soil borings, trenches, or monitoring wells? *Mild odor noted 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 #
1142Iris	Excav at fill end	Soil	Sandy	4'1"	3/15/11 1600 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.

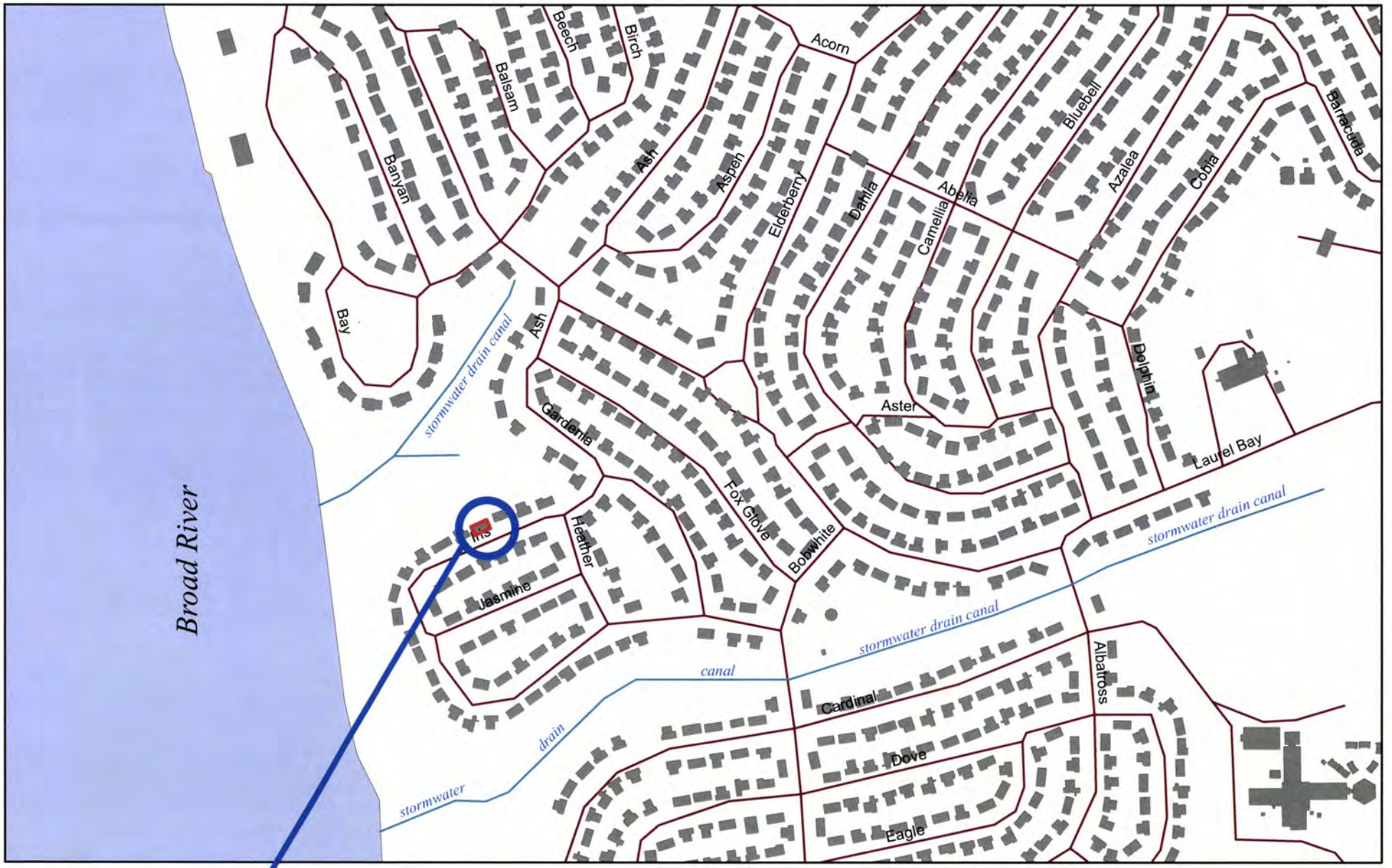
XII. RECEPTORS

	Yes	No
A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system? *~216' stormwater canal ~660' Broad River & ~54' stormdrain If yes, indicate type of receptor, distance, and direction on site map.	*X	
B. Are there any public, private, or irrigation water supply wells within 1000 feet of the UST system? If yes, indicate type of well, distance, and direction on site map.		X
C. Are there any underground structures (e.g., basements) Located within 100 feet of the UST system? If yes, indicate type of structure, distance, and direction on site map.		X
D. Are there any underground utilities (e.g., telephone, electricity, gas, water, sewer, storm drain) located within 100 feet of the UST system that could potentially come in contact with the contamination? *Sewer, water, electricity, cable & fiber optic If yes, indicate the type of utility, distance, and direction on the site map.	*X	
E. Has contaminated soil been identified at a depth less than 3 feet below land surface in an area that is not capped by asphalt or concrete? If yes, indicate the area of contaminated soil on the site map.		X

XIII. SITE MAP

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

(Attach Site Map Here)

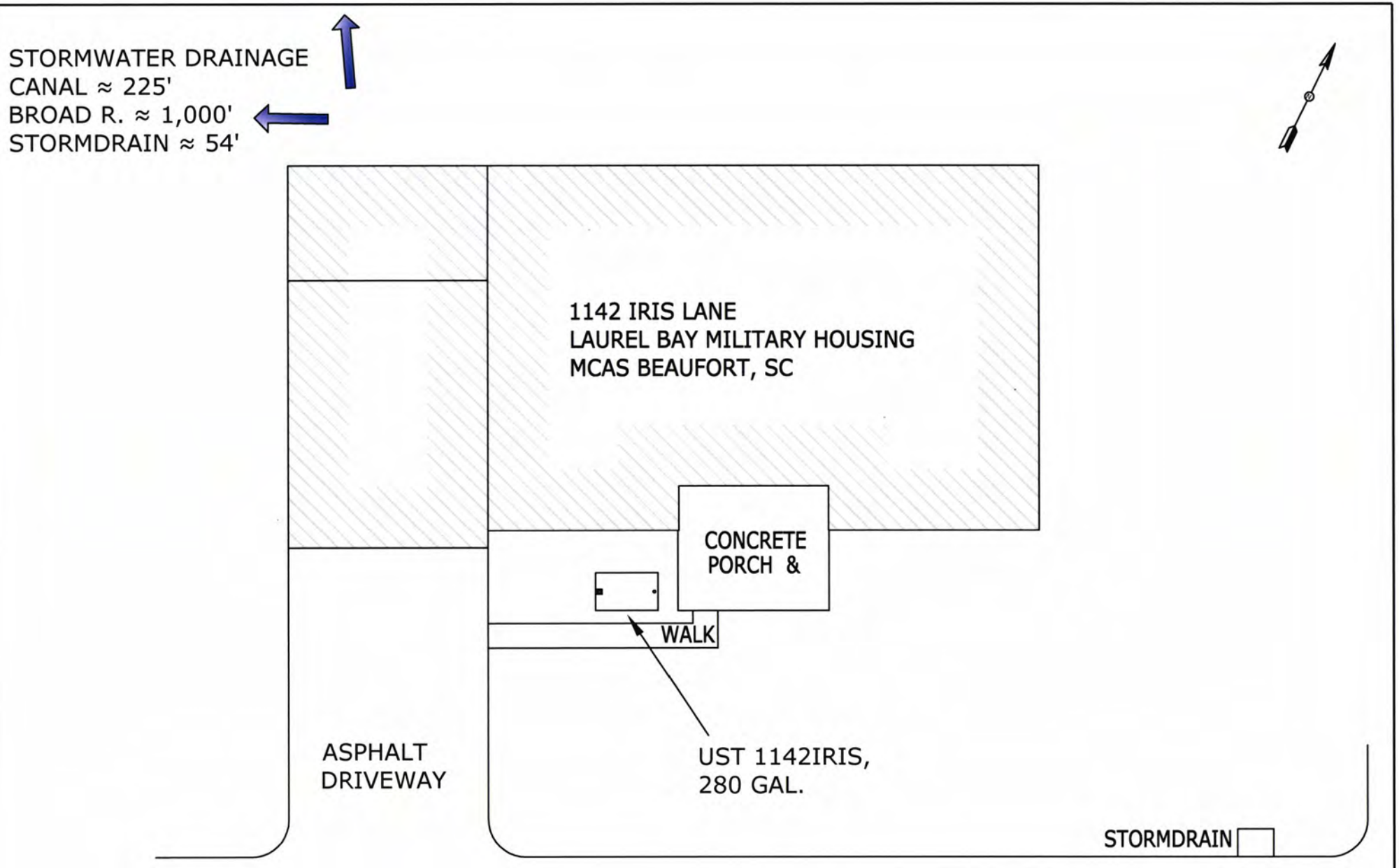


SBG-EEG, Inc.
398 E. 5th North Street, Suite C
Summerville SC 29483-6954
Ph. (843) 875-1930

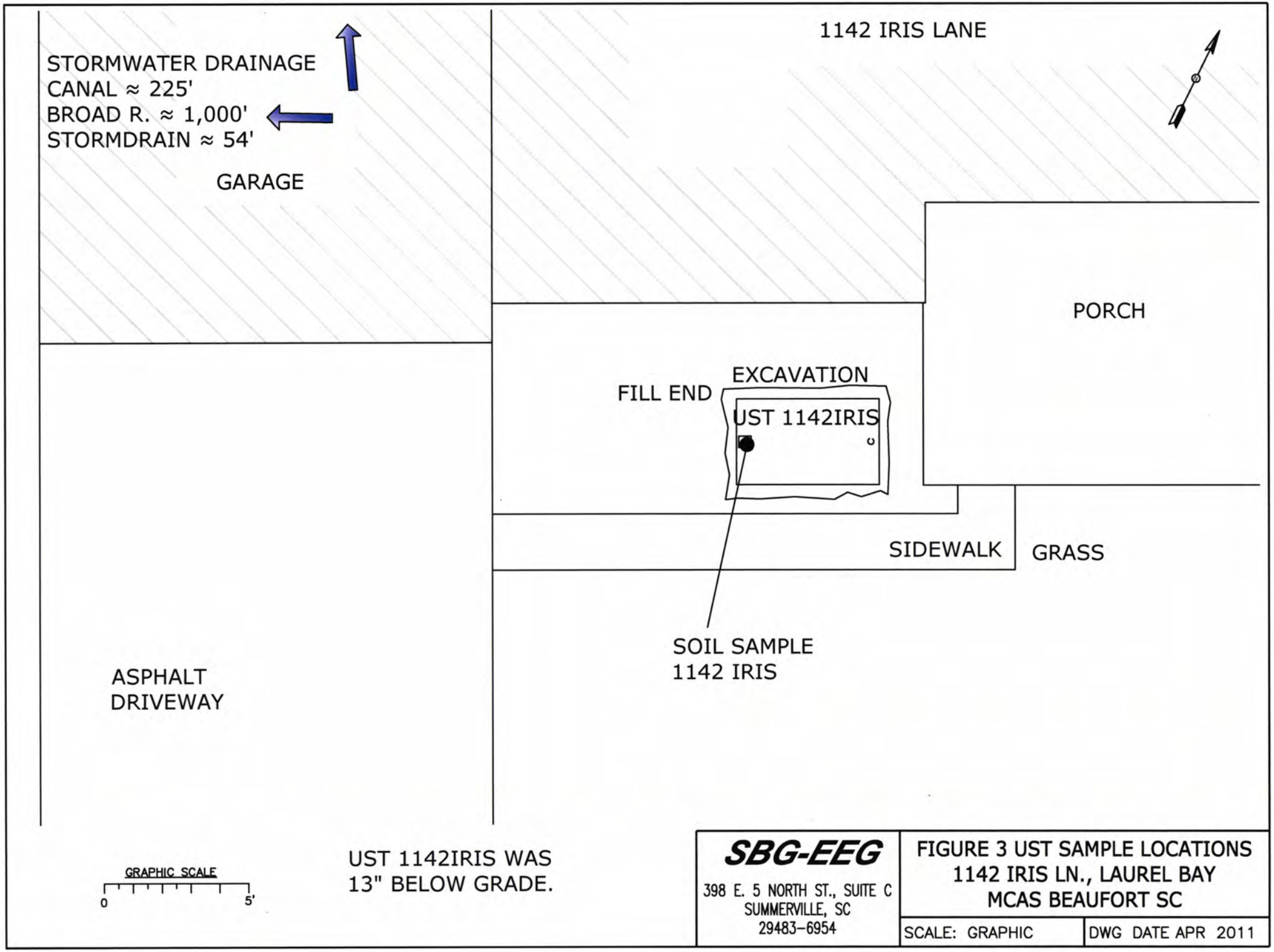
Drawn By: L. DiAsio

Dwg Date: APR 2011

FIGURE 1: LOCATION MAP
1142 IRIS LANE
LAUREL BAY, BEAUFORT SC



SBG-EEG 398 E. 5 NORTH ST., SUITE C SUMMERVILLE, SC 29483-6954	FIGURE 2 SITE MAP 1142 IRIS LN., LAUREL BAY MCAS BEAUFORT SC
	SCALE: GRAPHIC | DWG DATE APR 2011

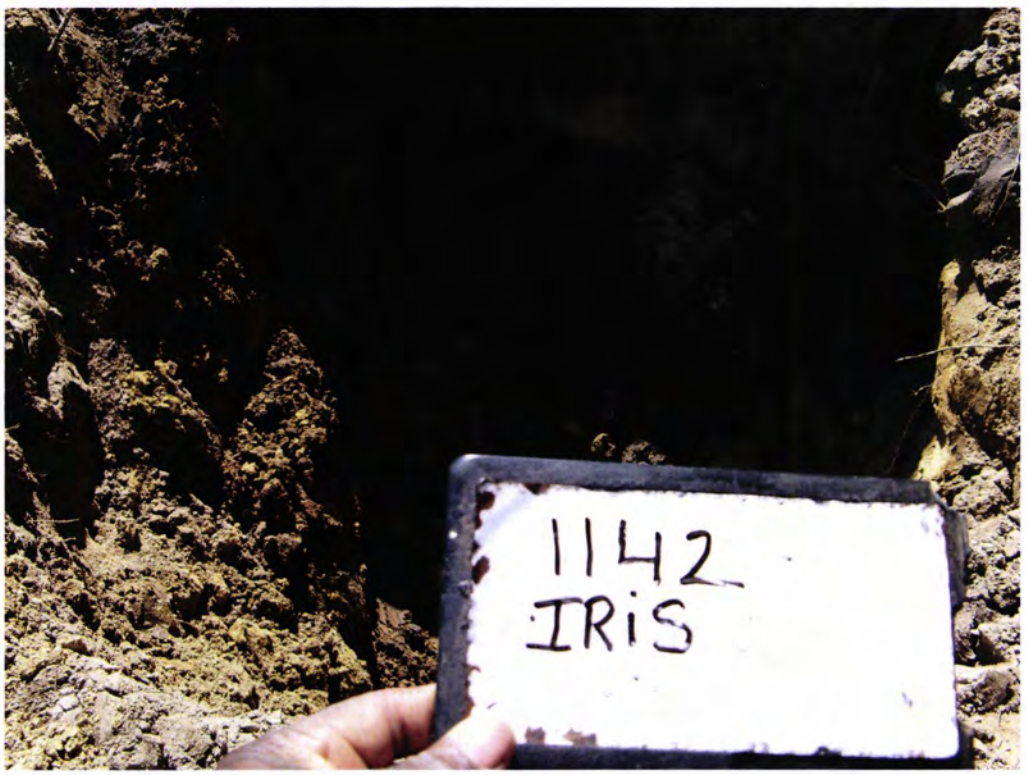


SBG-EEG
398 E. 5 NORTH ST., SUITE C
SUMMERVILLE, SC
29483-6954

FIGURE 3 UST SAMPLE LOCATIONS
1142 IRIS LN., LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC | DWG DATE APR 2011

Picture 1: Location of UST 1142Iris.



Picture 2: UST 1142Iris 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.

CoC UST	1142Iris						
Benzene	ND						
Toluene	0.00163 mg/kg						
Ethylbenzene	0.202 mg/kg						
Xylenes	0.0757 mg/kg						
Naphthalene	0.216 mg/kg						
Benzo (a) anthracene	ND						
Benzo (b) fluoranthene	ND						
Benzo (k) fluoranthene	ND						
Chrysene	0.0601 mg/kg						
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

March 31, 2011 9:52:21AM

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 Nbr: [none]
P/O Nbr: 1027
Date Received: 03/19/11

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
1034 Foxglove	NUC3441-01	03/14/11 11:45
1081 Heather	NUC3441-02	03/14/11 16:30
1146 Iris	NUC3441-03	03/15/11 11:00
1142 Iris	NUC3441-04	03/15/11 16:00
1124 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.

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

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

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUC3441-01 (1034 Foxglove - Soil) Sampled: 03/14/11 11:45										
General Chemistry Parameters										
% Dry Solids	**80.7**		%	0.500	0.500	1	03/30/11 14:37	SW-846	AMS	11C7014
Volatile Organic Compounds by EPA Method 8260B										
Benzene	**0.00169**	J	mg/kg dry	0.00125	0.00227	1	03/28/11 13:42	SW846 8260B	MJH	11C5212
Ethylbenzene	**2.42**		mg/kg dry	0.0711	0.145	50	03/28/11 17:20	SW846 8260B	MJH	11C5212
Naphthalene	**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	MJH	11C5212
Xylenes, 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 %*					*1*	*03/28/11 13:42*	*SW846 8260B*	*MJH*	*11C5212*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*81 %*					*50*	*03/28/11 17:20*	*SW846 8260B*	*MJH*	*11C5212*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*93 %*					*1000*	*03/28/11 20:57*	*SW846 8260B*	*MJH*	*11C5212*
Surr: Dibromofluoromethane (75-125%)	*100 %*					*1*	*03/28/11 13:42*	*SW846 8260B*	*MJH*	*11C5212*
Surr: Dibromofluoromethane (75-125%)	*81 %*					*50*	*03/28/11 17:20*	*SW846 8260B*	*MJH*	*11C5212*
Surr: Dibromofluoromethane (75-125%)	*93 %*					*1000*	*03/28/11 20:57*	*SW846 8260B*	*MJH*	*11C5212*
Surr: Toluene-d8 (76-129%)	*403 %*	*ZX*				*1*	*03/28/11 13:42*	*SW846 8260B*	*MJH*	*11C5212*
Surr: Toluene-d8 (76-129%)	*107 %*					*50*	*03/28/11 17:20*	*SW846 8260B*	*MJH*	*11C5212*
Surr: Toluene-d8 (76-129%)	*104 %*					*1000*	*03/28/11 20:57*	*SW846 8260B*	*MJH*	*11C5212*
Surr: 4-Bromofluorobenzene (67-147%)	*371 %*	*ZX*				*1*	*03/28/11 13:42*	*SW846 8260B*	*MJH*	*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*	*MJH*	*11C5212*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	**1.76**		mg/kg dry	0.0173	0.0827	1	03/24/11 22:18	SW846 8270D	KJP	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	KJP	11C5269
Benzo (a) anthracene	**0.0839**		mg/kg dry	0.0136	0.0827	1	03/24/11 22:18	SW846 8270D	KJP	11C5269
Benzo (a) pyrene	ND		mg/kg dry	0.00987	0.0827	1	03/24/11 22:18	SW846 8270D	KJP	11C5269
Benzo (b) fluoranthene	ND		mg/kg dry	0.0469	0.0827	1	03/24/11 22:18	SW846 8270D	KJP	11C5269
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0111	0.0827	1	03/24/11 22:18	SW846 8270D	KJP	11C5269
Benzo (k) fluoranthene	ND		mg/kg dry	0.0456	0.0827	1	03/24/11 22:18	SW846 8270D	KJP	11C5269
Chrysene	**0.134**		mg/kg dry	0.0382	0.0827	1	03/24/11 22:18	SW846 8270D	KJP	11C5269
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0185	0.0827	1	03/24/11 22:18	SW846 8270D	KJP	11C5269
Fluoranthene	ND		mg/kg dry	0.0136	0.0827	1	03/24/11 22:18	SW846 8270D	KJP	11C5269
Fluorene	ND		mg/kg dry	0.0247	0.0827	1	03/24/11 22:18	SW846 8270D	KJP	11C5269
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0382	0.0827	1	03/24/11 22:18	SW846 8270D	KJP	11C5269
Naphthalene	**14.3**		mg/kg dry	0.173	0.827	10	03/25/11 23:53	SW846 8270D	KJP	11C5269
Phenanthrene	**9.16**		mg/kg dry	0.123	0.827	10	03/25/11 23:53	SW846 8270D	KJP	11C5269
Pyrene	**1.04**		mg/kg dry	0.0284	0.0827	1	03/24/11 22:18	SW846 8270D	KJP	11C5269
1-Methylnaphthalene	**30.1**		mg/kg dry	0.148	0.827	10	03/25/11 23:53	SW846 8270D	KJP	11C5269
2-Methylnaphthalene	**43.3**		mg/kg dry	1.30	4.13	50	03/26/11 00:15	SW846 8270D	KJP	11C5269
Surr: Terphenyl-d14 (18-120%)	*81 %*					*1*	*03/24/11 22:18*	*SW846 8270D*	*KJP*	*11C5269*

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

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUC3441-01 (1034 Foxglove - Soil) - 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*	*03/24/11 22:18*	*SW846 8270D*	*KJP*	*11C5269*
Sample ID: NUC3441-02 (1081 Heather - Soil) Sampled: 03/14/11 16:30										
General Chemistry Parameters										
% Dry Solids	**80.8**		%	0.500	0.500	1	03/30/11 14:37	SW-846	AMS	11C7014
Volatile Organic Compounds by EPA Method 8260B										
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	MJH	11C5212
Toluene	**0.0333**		mg/kg dry	0.000963	0.00216	1	03/28/11 14:13	SW846 8260B	MJH	11C5212
Xylenes, total	**0.705**	E	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	KJP	11C5269
Benzo (a) anthracene	**15.8**		mg/kg dry	0.136	0.826	10	03/26/11 00:38	SW846 8270D	KJP	11C5269
Benzo (a) pyrene	**5.92**		mg/kg dry	0.0986	0.826	10	03/26/11 00:38	SW846 8270D	KJP	11C5269
Benzo (b) fluoranthene	**8.21**		mg/kg dry	0.468	0.826	10	03/26/11 00:38	SW846 8270D	KJP	11C5269
Benzo (g,h,i) perylene	**1.47**		mg/kg dry	0.0111	0.0826	1	03/24/11 22:40	SW846 8270D	KJP	11C5269
Benzo (k) fluoranthene	**5.79**		mg/kg dry	0.456	0.826	10	03/26/11 00:38	SW846 8270D	KJP	11C5269
Chrysene	**14.6**		mg/kg dry	0.382	0.826	10	03/26/11 00:38	SW846 8270D	KJP	11C5269
Dibenz (a,h) anthracene	**0.158**		mg/kg dry	0.0185	0.0826	1	03/24/11 22:40	SW846 8270D	KJP	11C5269
Fluoranthene	**43.7**		mg/kg dry	0.678	4.13	50	03/26/11 00:59	SW846 8270D	KJP	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	KJP	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	KJP	11C5269
1-Methylnaphthalene	**25.4**		mg/kg dry	0.148	0.826	10	03/26/11 00:38	SW846 8270D	KJP	11C5269
2-Methylnaphthalene	**41.0**		mg/kg dry	0.259	0.826	10	03/26/11 00:38	SW846 8270D	KJP	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*

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

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUC3441-03 (1146 Iris - Soil) Sampled: 03/15/11 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 EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00194	0.00352	1	03/28/11 16:49	SW846 8260B	MJH	11C5212
Ethylbenzene	**0.00555**		mg/kg dry	0.00173	0.00352	1	03/28/11 16:49	SW846 8260B	MJH	11C5212
Naphthalene	**0.0407**	B1	mg/kg dry	0.00300	0.00881	1	03/28/11 16:49	SW846 8260B	MJH	11C5212
Toluene	ND		mg/kg dry	0.00157	0.00352	1	03/28/11 16:49	SW846 8260B	MJH	11C5212
Xylenes, total	**0.0184**		mg/kg dry	0.00335	0.00881	1	03/28/11 16:49	SW846 8260B	MJH	11C5212
Surr: 1,2-Dichloroethane-d4 (67-138%)	*90 %*					*1*	*03/28/11 16:49*	*SW846 8260B*	*MJH*	*11C5212*
Surr: Dibromofluoromethane (75-125%)	*90 %*					*1*	*03/28/11 16:49*	*SW846 8260B*	*MJH*	*11C5212*
Surr: Toluene-d8 (76-129%)	*112 %*					*1*	*03/28/11 16:49*	*SW846 8260B*	*MJH*	*11C5212*
Surr: 4-Bromofluorobenzene (67-147%)	*110 %*					*1*	*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 dry	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	KJP	11C5269
Benzo (a) anthracene	ND		mg/kg dry	0.0132	0.0802	1	03/24/11 23:02	SW846 8270D	KJP	11C5269
Benzo (a) pyrene	ND		mg/kg dry	0.00958	0.0802	1	03/24/11 23:02	SW846 8270D	KJP	11C5269
Benzo (b) fluoranthene	ND		mg/kg dry	0.0455	0.0802	1	03/24/11 23:02	SW846 8270D	KJP	11C5269
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0108	0.0802	1	03/24/11 23:02	SW846 8270D	KJP	11C5269
Benzo (k) fluoranthene	ND		mg/kg dry	0.0443	0.0802	1	03/24/11 23:02	SW846 8270D	KJP	11C5269
Chrysene	ND		mg/kg dry	0.0371	0.0802	1	03/24/11 23:02	SW846 8270D	KJP	11C5269
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0180	0.0802	1	03/24/11 23:02	SW846 8270D	KJP	11C5269
Fluoranthene	**0.0487**	J	mg/kg dry	0.0132	0.0802	1	03/24/11 23:02	SW846 8270D	KJP	11C5269
Fluorene	ND		mg/kg dry	0.0239	0.0802	1	03/24/11 23:02	SW846 8270D	KJP	11C5269
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0371	0.0802	1	03/24/11 23:02	SW846 8270D	KJP	11C5269
Naphthalene	ND		mg/kg dry	0.0168	0.0802	1	03/24/11 23:02	SW846 8270D	KJP	11C5269
Phenanthrene	**0.0714**	J	mg/kg dry	0.0120	0.0802	1	03/24/11 23:02	SW846 8270D	KJP	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	KJP	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 %*					*1*	*03/24/11 23:02*	*SW846 8270D*	*KJP*	*11C5269*
Surr: 2-Fluorobiphenyl (14-120%)	*57 %*					*1*	*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*

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

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUC3441-04 (1142 Iris - Soil) Sampled: 03/15/11 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 EPA Method 8260B										
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**	B1	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 %*	*ZX*				*1*	*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	KJP	11C5269
Benzo (a) pyrene	ND		mg/kg dry	0.00987	0.0827	1	03/24/11 23:24	SW846 8270D	KJP	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	KJP	11C5269
Chrysene	**0.0601**	J	mg/kg dry	0.0383	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	KJP	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	KJP	11C5269
Pyrene	**0.449**		mg/kg dry	0.0284	0.0827	1	03/24/11 23:24	SW846 8270D	KJP	11C5269
1-Methylnaphthalene	**12.0**		mg/kg dry	0.148	0.827	10	03/26/11 01:22	SW846 8270D	KJP	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*

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

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUC3441-05 (1124 Iris - Soil) Sampled: 03/16/11 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 EPA Method 8260B										
Benzene	**0.0396**		mg/kg dry	0.00107	0.00194	1	03/28/11 15:47	SW846 8260B	MJH	11C5212
Ethylbenzene	**5.44**		mg/kg dry	0.0497	0.101	50	03/28/11 18:53	SW846 8260B	MJH	11C5212
Naphthalene	**33.8**	B1	mg/kg dry	1.73	5.07	1000	03/28/11 19:24	SW846 8260B	MJH	11C5212
Toluene	ND		mg/kg dry	0.0452	0.101	50	03/28/11 18:53	SW846 8260B	MJH	11C5212
Xylenes, total	**6.04**		mg/kg dry	0.0964	0.254	50	03/28/11 18:53	SW846 8260B	MJH	11C5212
Surr: 1,2-Dichloroethane-d4 (67-138%)	*97 %*					*1*	*03/28/11 15:47*	*SW846 8260B*	*MJH*	*11C5212*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*82 %*					*50*	*03/28/11 18:53*	*SW846 8260B*	*MJH*	*11C5212*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*93 %*					*1000*	*03/28/11 19:24*	*SW846 8260B*	*MJH*	*11C5212*
Surr: Dibromofluoromethane (75-125%)	*97 %*					*1*	*03/28/11 15:47*	*SW846 8260B*	*MJH*	*11C5212*
Surr: Dibromofluoromethane (75-125%)	*80 %*					*50*	*03/28/11 18:53*	*SW846 8260B*	*MJH*	*11C5212*
Surr: Dibromofluoromethane (75-125%)	*92 %*					*1000*	*03/28/11 19:24*	*SW846 8260B*	*MJH*	*11C5212*
Surr: Toluene-d8 (76-129%)	*552 %*	*ZX*				*1*	*03/28/11 15:47*	*SW846 8260B*	*MJH*	*11C5212*
Surr: Toluene-d8 (76-129%)	*113 %*					*50*	*03/28/11 18:53*	*SW846 8260B*	*MJH*	*11C5212*
Surr: Toluene-d8 (76-129%)	*104 %*					*1000*	*03/28/11 19:24*	*SW846 8260B*	*MJH*	*11C5212*
Surr: 4-Bromofluorobenzene (67-147%)	*267 %*	*ZX*				*1*	*03/28/11 15:47*	*SW846 8260B*	*MJH*	*11C5212*
Surr: 4-Bromofluorobenzene (67-147%)	*133 %*					*50*	*03/28/11 18:53*	*SW846 8260B*	*MJH*	*11C5212*
Surr: 4-Bromofluorobenzene (67-147%)	*89 %*					*1000*	*03/28/11 19:24*	*SW846 8260B*	*MJH*	*11C5212*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	**1.50**		mg/kg dry	0.0166	0.0796	1	03/24/11 23:46	SW846 8270D	KJP	11C5269
Acenaphthylene	ND		mg/kg dry	0.0238	0.0796	1	03/24/11 23:46	SW846 8270D	KJP	11C5269
Anthracene	**0.771**		mg/kg dry	0.0107	0.0796	1	03/24/11 23:46	SW846 8270D	KJP	11C5269
Benzo (a) anthracene	ND		mg/kg dry	0.0131	0.0796	1	03/24/11 23:46	SW846 8270D	KJP	11C5269
Benzo (a) pyrene	ND		mg/kg dry	0.00951	0.0796	1	03/24/11 23:46	SW846 8270D	KJP	11C5269
Benzo (b) fluoranthene	ND		mg/kg dry	0.0452	0.0796	1	03/24/11 23:46	SW846 8270D	KJP	11C5269
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0107	0.0796	1	03/24/11 23:46	SW846 8270D	KJP	11C5269
Benzo (k) fluoranthene	ND		mg/kg dry	0.0440	0.0796	1	03/24/11 23:46	SW846 8270D	KJP	11C5269
Chrysene	**0.0860**		mg/kg dry	0.0368	0.0796	1	03/24/11 23:46	SW846 8270D	KJP	11C5269
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0178	0.0796	1	03/24/11 23:46	SW846 8270D	KJP	11C5269
Fluoranthene	**0.219**		mg/kg dry	0.0131	0.0796	1	03/24/11 23:46	SW846 8270D	KJP	11C5269
Fluorene	**3.21**		mg/kg dry	0.0238	0.0796	1	03/24/11 23:46	SW846 8270D	KJP	11C5269
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0368	0.0796	1	03/24/11 23:46	SW846 8270D	KJP	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 dry	0.0273	0.0796	1	03/24/11 23:46	SW846 8270D	KJP	11C5269
1-Methylnaphthalene	**30.5**		mg/kg dry	0.143	0.796	10	03/26/11 01:44	SW846 8270D	KJP	11C5269
2-Methylnaphthalene	**44.4**		mg/kg dry	0.499	1.59	20	03/26/11 02:07	SW846 8270D	KJP	11C5269
Surr: Terphenyl-d14 (18-120%)	*93 %*					*1*	*03/24/11 23:46*	*SW846 8270D*	*KJP*	*11C5269*

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

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUC3441-05 (1124 Iris - Soil) - cont. Sampled: 03/16/11 16:00										
Polyaromatic Hydrocarbons by EPA 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*

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

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extract Vol	Date	Analyst	Extraction 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

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

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 EPA 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
1-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

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

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D						
11C5269-BLK1						
Surrogate: Terphenyl-d14	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

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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

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

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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

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								
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 EPA 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

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

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										
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

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

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

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

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:	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

TestAmerica

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

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

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) JAMES Baldwin
Sampler Signature: James Baldwin

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 ____

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) #diss	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 + Naph - 8260B	PAH - 8270D	RUSH TAT (Pre-Scheduled)	Standard TAT	Fax Results	and QC with report
1034 Foxglove	3/14/11	1145	5	X					2				2	-					X		X	X				
1081 Heather	3/14/11	1630	5	X					2				2	-					X		X	X				
1146 Iris	3/15/11	1100	5	X					2				2	-					X		X	X				
1142 Iris	3/15/11	1600	5	X					2				2	-					X		X	X				
1124 Iris	3/16/11	1600	5	X					2				2	-					X		X	X				

NUC 3441 01
02
03
04
05

Special Instructions:

Method of Shipment: FEDEX

Relinquished by:	Date	Time	Received by:	Date	Time
James Baldwin	3-17-11	18:30		3/17/11	1830
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	3/18/11	1400	Fedex	3-19-11	0815

Laboratory Comments:
Temperature Upon Receipt: 0 °c
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
4. Generator's Phone 843-228-6461

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

A. Manifest Number: WMNA 00316810
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		204	765		
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location: Cell | Level | Grid

15. Special Handling Instructions and Additional Information
USTs from: 1) 1142 Iris ✓ 2) 1124 Iris ✓ 3) 1010 Foxglove ✓ 4) 1071 Heather ✓ 5) 1068 Gardenia ✓ 6) 1039 Iris ✓

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
Charles Herron	Charles H. Herron	5	11	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
James Baldwin	James Baldwin	5	12	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	5	12	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
Laboratory Analytical Report - Groundwater

CDM - AECOM
Multimedia Joint Venture

Volatile Organic Compounds by GC/MS

Client: **AECOM - Resolution Consultants** Laboratory ID: **QK20097-012**

Description: **BEALB1142TW02WG20151120** Matrix: **Aqueous**

Date Sampled: **11/20/2015 1130**

Date Received: **11/20/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/01/2015 2201	ALL		91002

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	LOD	DL	Units	Run
Benzene	71-43-2	8260B	0.45	U	5.0	0.45	0.21	ug/L	1
Ethylbenzene	100-41-4	8260B	0.51	U	5.0	0.51	0.21	ug/L	1
Naphthalene	**91-20-3**	**8260B**	**0.26**	**BJ**	**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	Acceptance Limits
Bromofluorobenzene		100	75-120
1,2-Dichloroethane-d4		104	70-120
Toluene-d8		104	85-120
Dibromofluoromethane		102	85-115

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

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

Semivolatile Organic Compounds by GC/MS (SIM)

Client: **AECOM - Resolution Consultants**
Laboratory ID: **QK20097-012**
Description: **BEALB1142TW02WG20151120**
Matrix: **Aqueous**
Date Sampled: **11/20/2015 1130**
Date Received: **11/20/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D (SIM)	1	12/04/2015 0223	RBH	11/24/2015 1615	90443

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	LOD	DL	Units	Run
Benzo(a)anthracene	56-55-3	8270D (SIM)	0.040	U	0.20	0.040	0.019	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D (SIM)	0.040	U	0.20	0.040	0.019	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D (SIM)	0.040	U	0.20	0.040	0.024	ug/L	1
Chrysene	218-01-9	8270D (SIM)	0.040	U	0.20	0.040	0.021	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D (SIM)	0.080	U	0.20	0.080	0.040	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Methylnaphthalene-d10		63	15-139
Fluoranthene-d10		50	23-154

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

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

Appendix D
Regulatory Correspondence

CDM - AECOM
Multimedia Joint Venture

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

July 1, 2015

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

RE: 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 et seq., as amended).

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

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

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

Sincerely,

Kent M. Krieg

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)

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

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

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

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

April 9, 2009

Commanding Officer
ATTN: S-4 NREAO (Craig Ehde)
MCAS
PO Box 55001
Beaufort, SC 29904-5001

Re: MCAS – Laurel Bay Housing – 1142 Iris Lane
Site ID # 04153
Soil Sampling Results received March 24, 2009
Beaufort County

Dear Mr. Ehde:

The Department has reviewed the referenced assessment report. Based upon the geotechnical data in the referenced report, the soil samples are below risk based screening levels and there is no evidence of ground water contamination on the property.

As the Department did not specifically request this data, and the work conducted at this site received no prior review by the Department, we cannot provide any comments on the completeness of the work performed or the overall environmental conditions of the site. Based on the information and analytical data submitted, there is no evidence to indicate that a violation of the Pollution Control Act has occurred. Consequently, no investigation will be required at this time. Please note, this statement pertains only to the data submitted and does not apply to other areas of the site and/or any other potential regulatory violations. Further, the Department retains the right to request further investigation if deemed necessary.

Should you have any questions, please contact me at 803-896-4179 (office phone), 803-896-6245 (fax) or cookejt@dhec.sc.gov.

Sincerely,

Jan T. Cooke, Hydrogeologist
AST Petroleum Restoration & Site Environmental Investigations Section
Division of Site Assessment, Remediation & Revitalization
Bureau of Land and Waste Management

B. Thomas Knight, Manager

cc: Region 8 District EQC
Tri-Command Communities; Attn: Mr. Robert Bible; 600 Laurel Bay Road Beaufort, SC 29906