SUMMARY REPORT
26 HEATHER STREET (FORMERLY 1071 HEATHER STREET)
LAUREL BAY MILITARY HOUSING AREA
MARINE CORPS AIR STATION BEAUFORT
BEAUFORT, SC

Revision: 0
Prepared for:

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

and

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

JUNE 2021

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Prepared by:

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

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

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Appendices

List of Acronyms

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

1.0 INTRODUCTION

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

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

This report summarizes the results the environmental investigation activities associated with the storage of home heating oil and the potential release of petroleum constituents at the referenced property. Based on the results of the investigation, a No Further Action (NFA) determination has been made by the South Carolina Department of Health and Environmental Control (SCDHEC) for 26 Heather Street (Formerly 1071 Heather Street). This NFA determination indicates that there are no unacceptable risks to human health or the environment for the petroleum constituents associated with the home heating oil USTs. The following information is included in this report:

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

1.1 Background Information

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

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

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

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

1.2 UST Removal and Assessment Process

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

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

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

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

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

2.0 SAMPLING ACTIVITIES AND RESULTS

The following section presents the sampling activities and associated results for 26 Heather Street (Formerly 1071 Heather Street). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 1071 Heather Street* (MCAS Beaufort, August 2008) and *SCDHEC UST Assessment Report – 1071 Heather Street* (MCAS Beaufort, June 2011). The UST Assessment Reports are provided in Appendix B.

2.1 UST Removal and Soil Sampling

Two 280 gallon heating oil USTs were removed at 26 Heather Street (Formerly 1071 Heather Street). Tank 1 was removed on August 9, 2007 from the front yard. Tank 2 was removed on March 22, 2011 from the landscaped area adjacent to the concrete porch. The former UST locations are indicated on the figures in the UST Assessment Reports (Appendix B). The USTs were removed and properly disposed of (i.e., shipped offsite for recycling or transported to a landfill). There was no visual evidence (i.e., staining or sheen) of petroleum impact at the time

of the UST removals. According to the UST Assessment Reports (Appendix B), the depth to the bases of the USTs were 5'1" (Tank 1) and 4'2" (Tank 2) bgs and a single soil sample was collected from that depth. An additional sample was collected from the side of the excavation (Tank 1) at a depth of 4'5" bgs. The sample was collected from the fill port side of the former UST to represent a worst case scenario.

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

2.2 Soil Analytical Results

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

The soil sample results were submitted by MCAS Beaufort to SCDHEC utilizing SCDHEC's UST Assessment Report form (Appendix B). The results of the soil sampling at the former UST locations (Tanks 1 and 2) were used by MCAS Beaufort, in consultation with SCDHEC, to determine a path forward (i.e., additional sampling or NFA) for the property. The soil results collected from the former UST locations (Tanks 1 and 2) at 26 Heather Street (Formerly 1071 Heather Street) were less than the SCDHEC RBSLs, which indicated the subsurface was not impacted by COPCs associated with the former UST at concentrations that presented a potential risk to human health and the environment.

3.0 PROPERTY STATUS

Based on the analytical results for soil, SCDHEC made the determination that NFA was required for 26 Heather Street (Formerly 1071 Heather Street). This NFA determination was obtained in letters dated August 13, 2008 (Tank 1) and July 1, 2015 (Tank 2). SCDHEC's NFA letters are provided in Appendix C.

4.0 REFERENCES

Marine Corps Air Station Beaufort, 2008. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 1071 Heather Street, Laurel Bay Military Housing Area*, August 2008.

Marine Corps Air Station Beaufort, 2011. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 1071 Heather Street, Laurel Bay Military Housing Area*, June 2011.

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

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

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

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

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

Table

Table 1
Laboratory Analytical Results - Soil
26 Heather Street (Formerly 1071 Heather Street)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs [1]	Results Sample Collected on 08/19/07 and 03/22/11		
		1071 Heather Bottom 01 08/19/07	1071 Heather Side 02 08/19/07	1071 Heather 03/22/11
Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)				
Benzene	0.003	ND	**0.000128**	ND
Ethylbenzene	1.15	ND	**0.000216**	ND
Naphthalene	0.036	**0.000622**	**0.000490**	ND
Toluene	0.627	**0.000419**	**0.000554**	ND
Xylenes, Total	13.01	**0.000176**	ND	ND
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (mg/kg)				
Benzo(a)anthracene	0.66	ND	ND	ND
Benzo(b)fluoranthene	0.66	ND	ND	ND
Benzo(k)fluoranthene	0.66	ND	ND	ND
Chrysene	0.66	ND	ND	ND
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 1.0, 1.1, 3.0 and 3.1 (SCDHEC, May 2001; SCDHEC, February 2011; SCDHEC, May 2015 and SCDHEC, February 2016) and the Underground Storage Tank Assessment Guidelines (SCDHEC, February 2006).

Bold font indicates the analyte was detected.

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

EPA - United States Environmental Protection Agency

mg/kg - milligram per kilogram

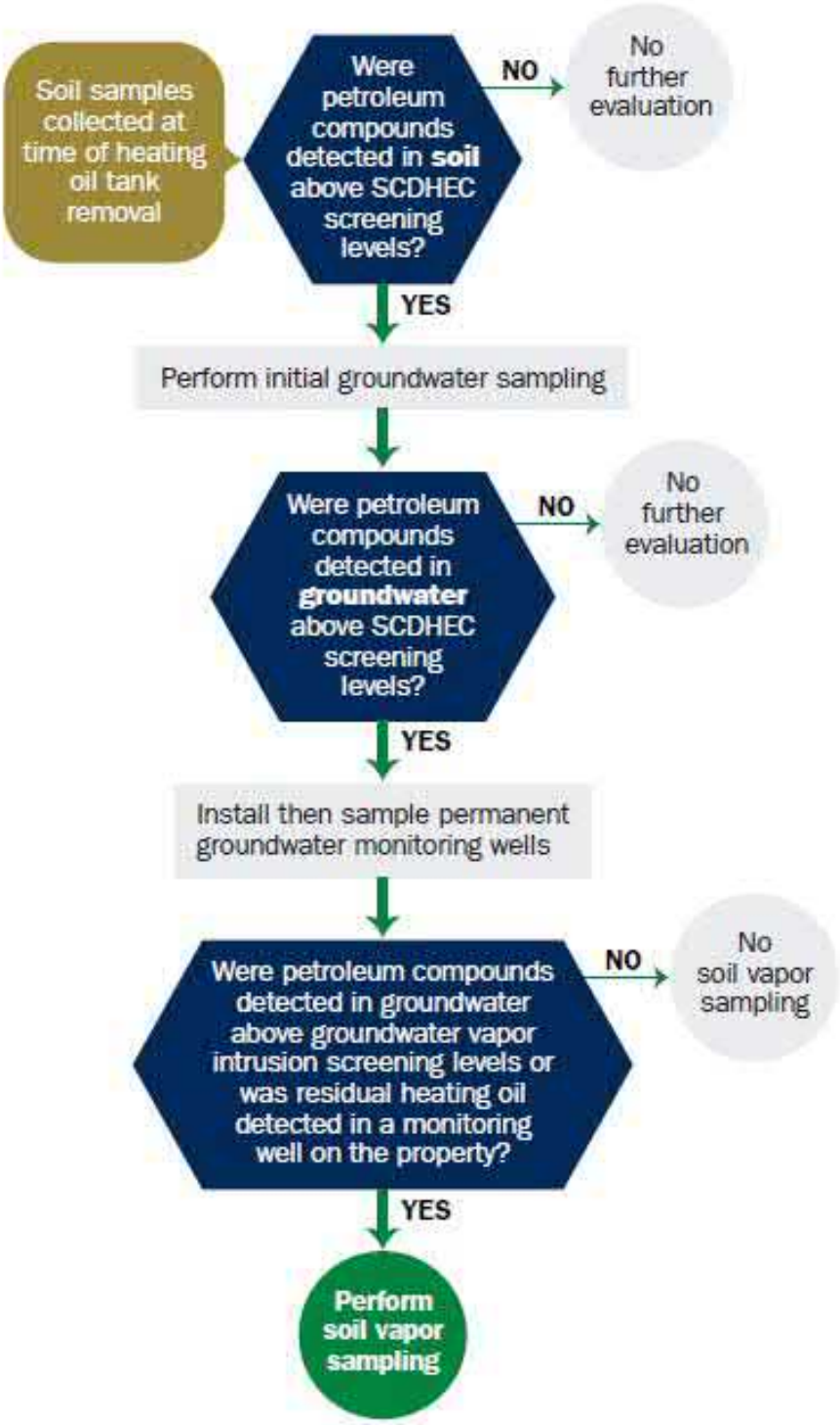
ND - not detected at the reporting limit (or method detection limit if shown on the laboratory report). The laboratory report is provided in Appendix B.

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

Appendix A
Multi-Media Selection Process for LBMH

CDM - AECOM
Multimedia Joint Venture



Appendix A - Multi-Media Selection Process for LBMH

Appendix B
UST Assessment Reports

M60169.AR.001416
MCAS BEAUFORT
5090.3a

UNDERGROUND STORAGE TANK ASSESSMENT REPORT AT 1071 HEATHER STREET MILITARY HOUSING AREA WITH SOUTH CAROLINA DEPARTMENT OF ENVIRONMENTAL CONTROL CONCURRENCE WITH NO FURTHER ACTION MCAS BEAUFORT SC

8/13/2008

SOUTH CAROLINA DEPARTMENT OF ENVIRONMENTAL CONTROL

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

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

1071 Heather
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 INFORMATION

	Tank 1	Tan	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.....	61"					
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.....	4/9/07					
K. Visible Corrosion or Pitting Y/N.....	N					
L. Visible Holes Y/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)

Republic - Broadhurst Landfill

Solidification & Subtitle D Landfill

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

Tank had previously been cut open and filled w/ sand

VI. PIPI 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	Y					
F. Visible Corrosion or Pitting Y/N.....	N					
G. Visible Holes Y/N.....						
H. Age.....						

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

VII. BRIEF SITE DESCRIPTION AND HISTORY

Home Heating Oil TANK - RESIDENTIAL

VIII. SITE CON TIONS

	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. SAM E 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 #
1	BOTTOM	S	SAND	61"	8-8-7	M. JONES	ND
2		S	SAND	53"	8-8-7	M. JONES	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 METHODOLO

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: 2ea Sodium Bisulfate 1ea
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. RECEPTC

	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.

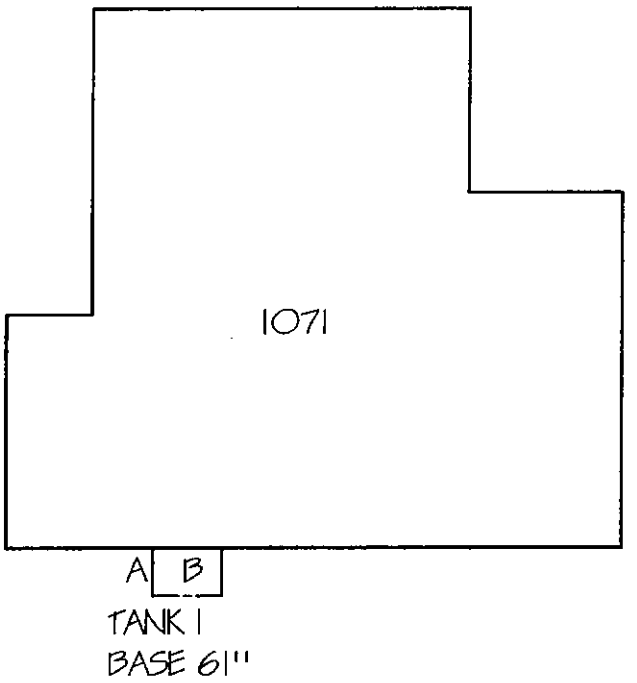
CoC	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8
Benzene								
Toluene								
Ethylbenzene								
Xylenes								
Naphthalene								
Benzo(a)anthracene								
Benzo(b)flouranthene								
Benzo(k)flouranthene								
Chrysene								
Dibenz(a,h)anthracene								
TPH (EPA 3550)								

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				



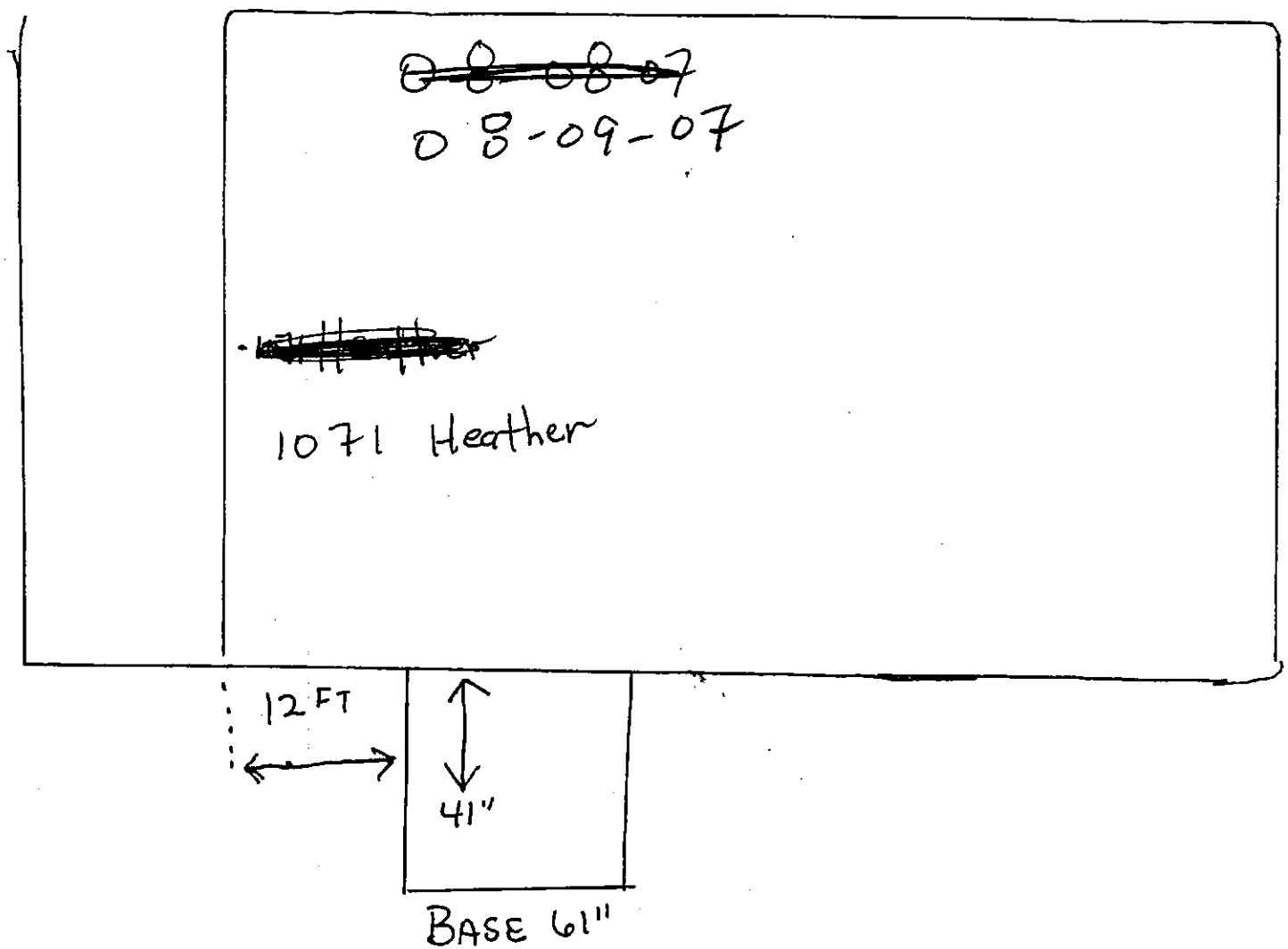
HEATHER STREET

N

TANK 1 EXCAVATION

A-SOIL TEST SIDE SAMPLE @ 53"
B-SOIL TEST BOTTOM SAMPLE @ 61"

CUSTOMER: BEAUFORT MILITARY COMPLEX FAMILY HOUSING	SCALE: 1/16"=1'-0"	EPG INC.
SITE ADDRESS: 1071 HEATHER STREET	SUPPLIER: EPG INC.	P.O. BOX 1096
	DATE: 9/22/2007	MOUNT PLEASANT, SC 29465-1096


~~08-08-07~~
08-09-07
~~[redacted]~~
1071 Heather
12 FT
41"
BASE 61"

08.09.2007 17:20


AUG 09 2007 17:20
1071 HEATHER

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)

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

Work Order: OQH0568
Project: LAUREL BAY
Project Number: EP-2362

Sampled: 08/08/07-08/10/07
Received: 08/23/07

LABORATORY REPORT

Sample ID: 1118 IRIS-SIDE-02 - Lab Number: OQH0568-04 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Volatile Organic Compounds by EPA Method 8260B - Cont.											
108-88-3	**Toluene**	**0.418**	Q	ug/kg dry	0.301	0.348	1	08/27/07 18:59	JWT	EPA 8260B	7H27020
1330-20-7	**Xylenes, total**	**0.424**	Q	ug/kg dry	0.181	0.348	1	08/27/07 18:59	JWT	EPA 8260B	7H27020
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*110 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*101 %*									
Surrogate: Dibromofluoromethane (55-145%)		*112 %*									
Surrogate: Toluene-d8 (80-117%)		*108 %*									
General Chemistry Parameters											
Solids	**% Dry Solids**	**90.6**	SPS	%	0.500	0.500	1	08/24/07 16:05	AEB	SW-846	7085830
Polyaromatic Hydrocarbons by EPA 8270C											
83-32-9	Acenaphthene	0.0394	U	mg/kg dry	0.0394	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
208-96-8	Acenaphthylene	0.0482	U	mg/kg dry	0.0482	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
120-12-7	Anthracene	0.0438	U	mg/kg dry	0.0438	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
56-55-3	Benzo (a) anthracene	0.0405	U	mg/kg dry	0.0405	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
50-32-8	Benzo (a) pyrene	0.0438	U	mg/kg dry	0.0438	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
205-99-2	Benzo (b) fluoranthene	0.0416	U	mg/kg dry	0.0416	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
191-24-2	Benzo (g,h,i) perylene	0.0296	U	mg/kg dry	0.0296	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
207-08-9	Benzo (k) fluoranthene	0.0504	U	mg/kg dry	0.0504	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
218-01-9	Chrysene	0.0427	U	mg/kg dry	0.0427	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
53-70-3	Dibenz (a,h) anthracene	0.0285	U	mg/kg dry	0.0285	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
206-44-0	Fluoranthene	0.0460	U	mg/kg dry	0.0460	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
86-73-7	Fluorene	0.0471	U	mg/kg dry	0.0471	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
193-39-5	Indeno (1,2,3-cd) pyrene	0.0372	U	mg/kg dry	0.0372	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
91-20-3	Naphthalene	0.0438	U	mg/kg dry	0.0438	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
85-01-8	Phenanthrene	0.0438	U	mg/kg dry	0.0438	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
129-00-0	Pyrene	0.0515	U	mg/kg dry	0.0515	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
90-12-0	1-Methylnaphthalene	0.0394	U	mg/kg dry	0.0394	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
91-57-6	2-Methylnaphthalene	0.0394	U	mg/kg dry	0.0394	0.0734	1	08/30/07 23:33	RLB	SW846 8270C	7085613
Surrogate: Terphenyl-d14 (49-123%)		*64 %*									
Surrogate: 2-Fluorobiphenyl (30-93%)		*53 %*									
Surrogate: Nitrobenzene-d5 (34-87%)		*59 %*									

LABORATORY REPORT

Sample ID: 1071 HEATHER-BOTTOM 01 - Lab Number: OQH0568-05 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**82.7**	Q	%.	0.100	0.100	1	08/24/07 16:05	RRP	EPA 160.3	7H24048
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	Benzene	0.124	Q,U	ug/kg dry	0.124	0.338	1	08/27/07 19:16	JWT	EPA 8260B	7H27020
100-41-4	Ethylbenzene	0.143	Q,U	ug/kg dry	0.143	0.338	1	08/27/07 19:16	JWT	EPA 8260B	7H27020
91-20-3	**Naphthalene**	**0.622**	Q	ug/kg dry	0.187	0.338	1	08/27/07 19:16	JWT	EPA 8260B	7H27020
108-88-3	**Toluene**	**0.419**	Q	ug/kg dry	0.292	0.338	1	08/27/07 19:16	JWT	EPA 8260B	7H27020
330-20-7	**Xylenes, total**	**0.176**	Q,I	ug/kg dry	0.176	0.338	1	08/27/07 19:16	JWT	EPA 8260B	7H27020

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

Work Order: OQH0568
Project: LAUREL BAY
Project Number: EP-2362

Sampled: 08/08/07-08/10/07
Received: 08/23/07

LABORATORY REPORT

Sample ID: 1071 HEATHER-BOTTOM 01 - Lab Number: OQH0568-05 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Volatile Organic Compounds by EPA Method 8260B - Cont.											
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*107 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*99 %*									
Surrogate: Dibromofluoromethane (55-145%)		*113 %*									
Surrogate: Toluene-d8 (80-117%)		*109 %*									
General Chemistry Parameters											
Solids	% Dry Solids	82.7	SPS	%	0.500	0.500	1	08/24/07 16:05	AEB	SW-846	7085830
Polyaromatic Hydrocarbons by EPA 8270C											
33-32-9	Acenaphthene	0.0429	U	mg/kg dry	0.0429	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
208-96-8	Acenaphthylene	0.0525	U	mg/kg dry	0.0525	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
120-12-7	Anthracene	0.0477	U	mg/kg dry	0.0477	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
56-55-3	Benzo (a) anthracene	0.0441	U	mg/kg dry	0.0441	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
50-32-8	Benzo (a) pyrene	0.0477	U	mg/kg dry	0.0477	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
205-99-2	Benzo (b) fluoranthene	0.0453	U	mg/kg dry	0.0453	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
191-24-2	Benzo (g,h,i) perylene	0.0322	U	mg/kg dry	0.0322	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
207-08-9	Benzo (k) fluoranthene	0.0549	U	mg/kg dry	0.0549	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
218-01-9	Chrysene	0.0465	U	mg/kg dry	0.0465	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
53-70-3	Dibenz (a,h) anthracene	0.0310	U	mg/kg dry	0.0310	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
206-44-0	Fluoranthene	0.0501	U	mg/kg dry	0.0501	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
86-73-7	Fluorene	0.0513	U	mg/kg dry	0.0513	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
193-39-5	Indeno (1,2,3-cd) pyrene	0.0406	U	mg/kg dry	0.0406	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
91-20-3	Naphthalene	0.0477	U	mg/kg dry	0.0477	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
85-01-8	Phenanthrene	0.0477	U	mg/kg dry	0.0477	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
129-00-0	Pyrene	0.0561	U	mg/kg dry	0.0561	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
90-12-0	1-Methylnaphthalene	0.0429	U	mg/kg dry	0.0429	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
91-57-6	2-Methylnaphthalene	0.0429	U	mg/kg dry	0.0429	0.0799	1	08/31/07 00:34	RLB	SW846 8270C	7085613
Surrogate: Terphenyl-d14 (49-123%)		*59 %*									
Surrogate: 2-Fluorobiphenyl (30-93%)		*56 %*									
Surrogate: Nitrobenzene-d5 (34-87%)		*65 %*									

LABORATORY REPORT

Sample ID: 1071 HEATHER-SIDE 02 - Lab Number: OQH0568-06 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	% Solids	79.9	Q	%.	0.100	0.100	1	08/24/07 16:05	RRP	EPA 160.3	7H24048
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	**Benzene**	**0.128**	Q,I	ug/kg dry	0.107	0.292	1	08/27/07 20:16	JWT	EPA 8260B	7H27020
100-41-4	**Ethylbenzene**	**0.216**	Q,I	ug/kg dry	0.123	0.292	1	08/27/07 20:16	JWT	EPA 8260B	7H27020
91-20-3	**Naphthalene**	**0.490**	Q	ug/kg dry	0.161	0.292	1	08/27/07 20:16	JWT	EPA 8260B	7H27020
108-88-3	**Toluene**	**0.554**	Q	ug/kg dry	0.252	0.292	1	08/27/07 20:16	JWT	EPA 8260B	7H27020
1330-20-7	Xylenes, total	0.151	Q,U	ug/kg dry	0.151	0.292	1	08/27/07 20:16	JWT	EPA 8260B	7H27020
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*113 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*87 %*									

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

Work Order: OQH0568
Project: LAUREL BAY
Project Number: EP-2362

Sampled: 08/08/07-08/10/07
Received: 08/23/07

LABORATORY REPORT

Sample ID: 1071 HEATHER-SIDE 02 - Lab Number: OQH0568-06 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Volatile Organic Compounds by EPA Method 8260B - Cont.											
Surrogate: Dibromofluoromethane (55-145%)		*128 %*									
Surrogate: Toluene-d8 (80-117%)		*110 %*									
General Chemistry Parameters											
Solids	% Dry Solids	79.9	SPS	%	0.500	0.500	1	08/24/07 16:05	AEB	SW-846	7085830
Polyaromatic Hydrocarbons by EPA 8270C											
83-32-9	Acenaphthene	0.0450	U	mg/kg dry	0.0450	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
208-96-8	Acenaphthylene	0.0550	U	mg/kg dry	0.0550	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
120-12-7	Anthracene	0.0500	U	mg/kg dry	0.0500	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
56-55-3	Benzo (a) anthracene	0.0463	U	mg/kg dry	0.0463	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
50-32-8	Benzo (a) pyrene	0.0500	U	mg/kg dry	0.0500	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
205-99-2	Benzo (b) fluoranthene	0.0475	U	mg/kg dry	0.0475	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
191-24-2	Benzo (g,h,i) perylene	0.0338	U	mg/kg dry	0.0338	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
207-08-9	Benzo (k) fluoranthene	0.0575	U	mg/kg dry	0.0575	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
218-01-9	Chrysene	0.0488	U	mg/kg dry	0.0488	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
53-70-3	Dibenz (a,h) anthracene	0.0325	U	mg/kg dry	0.0325	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
206-44-0	Fluoranthene	0.0525	U	mg/kg dry	0.0525	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
86-73-7	Fluorene	0.0538	U	mg/kg dry	0.0538	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
193-39-5	Indeno (1,2,3-cd) pyrene	0.0425	U	mg/kg dry	0.0425	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
91-20-3	Naphthalene	0.0500	U	mg/kg dry	0.0500	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
85-01-8	Phenanthrene	0.0500	U	mg/kg dry	0.0500	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
129-00-0	Pyrene	0.0588	U	mg/kg dry	0.0588	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
90-12-0	1-Methylnaphthalene	0.0450	U	mg/kg dry	0.0450	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
91-57-6	2-Methylnaphthalene	0.0450	U	mg/kg dry	0.0450	0.0838	1	08/31/07 00:58	RLB	SW846 8270C	7085613
Surrogate: Terphenyl-d14 (49-123%)		*57 %*									
Surrogate: 2-Fluorobiphenyl (30-93%)		*51 %*									
Surrogate: Nitrobenzene-d5 (34-87%)		*58 %*									

LABORATORY REPORT

Sample ID: 1079 HEATHER BOTTOM 01 - Lab Number: OQH0568-07 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	% Solids	**83.5**	Q	%.	0.100	0.100	1	08/24/07 16:05	RRP	EPA 160.3	7H24048
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	**Benzene**	**1.39**	Q	ug/kg dry	0.102	0.279	1	08/27/07 20:32	JWT	EPA 8260B	7H27020
100-41-4	**Ethylbenzene**	**44.1**	Q	ug/kg dry	0.118	0.279	1	08/27/07 20:32	JWT	EPA 8260B	7H27020
91-20-3	**Naphthalene**	**714**	Q	ug/kg dry	9.64	17.4	50	08/29/07 15:58	JWT	EPA 8260B	7H27020
108-88-3	**Toluene**	**18.1**	Q	ug/kg dry	0.241	0.279	1	08/27/07 20:32	JWT	EPA 8260B	7H27020
1330-20-7	**Xylenes, total**	**317**	Q	ug/kg dry	0.145	0.279	1	08/27/07 20:32	JWT	EPA 8260B	7H27020
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*114 %*									
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*97 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*44 %*	J1								
Surrogate: 4-Bromofluorobenzene (59-118%)		*95 %*									

TestAmerica - Orlando, FL
Enid Ortiz For Shali Brown
Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

GGH05608

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

Client Name: EPG Client #: ____
Address: ____
City/State/Zip Code: ____
Project Manager: John Mahoney
Telephone Number: ____ Fax: ____
Sampler Name: (Print Name) Mack Jones
Sampler Signature: ____

Project Name: LAUREL BAY
Project #: EP-2362
Site/Location ID: ____ State: SC
Report To: John Mahoney
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 & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: BTEX-NAPTH 8260	PAH 8270	REMARKS
1044 GARDENIA BOTTOM-1	8-8-7	3:00	G							1	2	2	X	X	-01
1044 GARDENIA-SIDE-02	8-8-7	3:00	G							1	2	2	X	X	-02
1118 IRIS - BOTTOM-01	8-8-7	4:00	G							1	2	2	X	X	-03
1118-IRIS - SIDE-02	8-8-7	4:00	G							1	2	2	X	X	-04
1071 Heather - BOTTOM	8-9-7	3:00	G							1	2	2	X	X	-05
1071 Heather - SIDE-02	8-9-7	3:00	G							1	2	2	X	X	-06
1079 Heather BOTTOM	8-20-7	3:00	G							1	2	2	X	X	-07
1079-Heather - SIDE-02	8-20-7	3:00	G							1	2	2	X	X	-08
1105 IRIS - BOTTOM-02	8-20-7	1:30	G							1	2	2	X	X	-09
1105 IRIS - SIDE-02	8-20-7	1:30	G							1	2	2	2	X	-10

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

Special Instructions:

	Date:	Time:		Date:	Time:
Relinquished By: John Mahoney	8/22/07	1215	Received By:	8/22/07	1215
Relinquished By:	8/22/07	1730	Received By:	8/23/07	0830
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 3.3
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
8626 4331 4964
Method of Shipment: FedEx TA-Quincy

rec'd 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

1071 Heather St., Laurel Bay Military Housing Area
Street Address or State Road (as applicable)

Beaufort,	Beaufort
City	County

Attachment 2

III. INSURANCE INFORMATION

Insurance Statement

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

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

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

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

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

IV. REQUEST FOR SUPERB FUNDING

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

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

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

_____
Name (Type or print.)

_____
Signature

To be completed by Notary Public:

Sworn before me this _____ day of_____, 20____

_____
(Name)

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

VI. UST INFORMATION

A.	Product...(ex. Gas, Kerosene).....	1071 Heather				
B.	Capacity..(ex. 1k, 2k).....	Heating oil				
C.	Age.....	280 gal				
D.	Construction Material..(ex. Steel, FRP).....	Late 1950s				
E.	Month/Year of Last Use.....	Steel				
F.	Depth (ft.) To Base of Tank.....	Mid 1980s				
G.	Spill Prevention Equipment Y/N.....	4'2"				
H.	Overfill Prevention Equipment Y/N.....	No				
I.	Method of Closure Removed/Filled.....	No				
J.	Date Tanks Removed/Filled.....	Removed				
K.	Visible Corrosion or Pitting Y/N.....	3/22/2011				
L.	Visible Holes Y/N.....	Yes				
		Yes				

M. Method of disposal for any USTs removed from the ground (attach disposal manifests)
UST 1071Heather 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 1071Heather had been previously filled with sand by others.

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

VII. PIPING INFORMATION

1071 Heather				
Steel & Copper				
N/A				
N/A				
Suction				
No				
Yes				
No				
Late 1950s				

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

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

C. Number of Dispensers.....

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

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

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

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

H. Age.....

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

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

VIII. BRIEF SITE DESCRIPTION AND HISTORY

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

IX. SITE CONDITIONS

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

X. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number 84009

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA #
1071 Heather	Excav at fill end	Soil	Sandy	4'2"	3/22/11 0945 hrs	P. Shaw	
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

* = Depth Below the Surrounding Land Surface

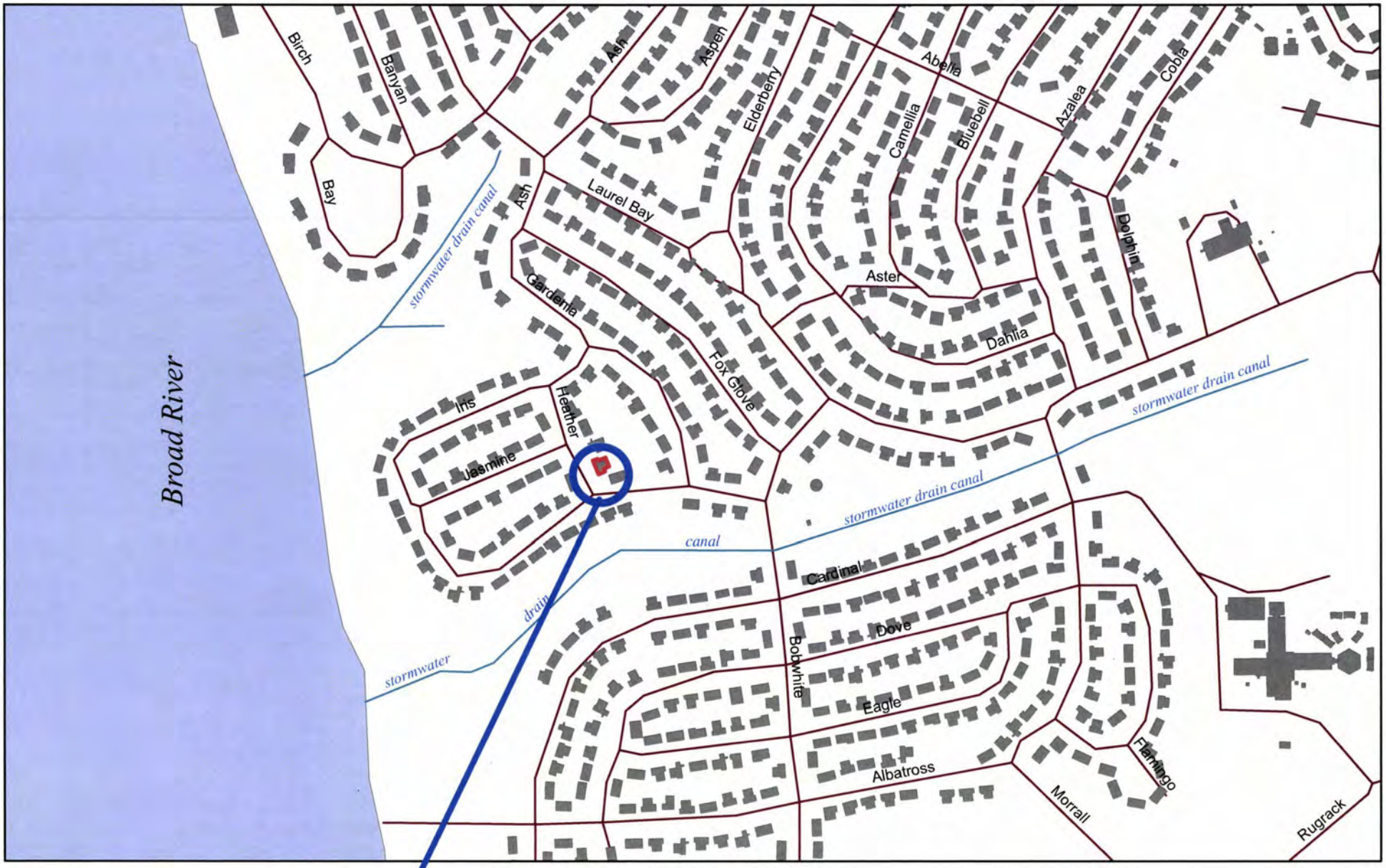
XI. SAMPLING METHODOLOGY

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? *Approx 250' & 460' to stormwater canals 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

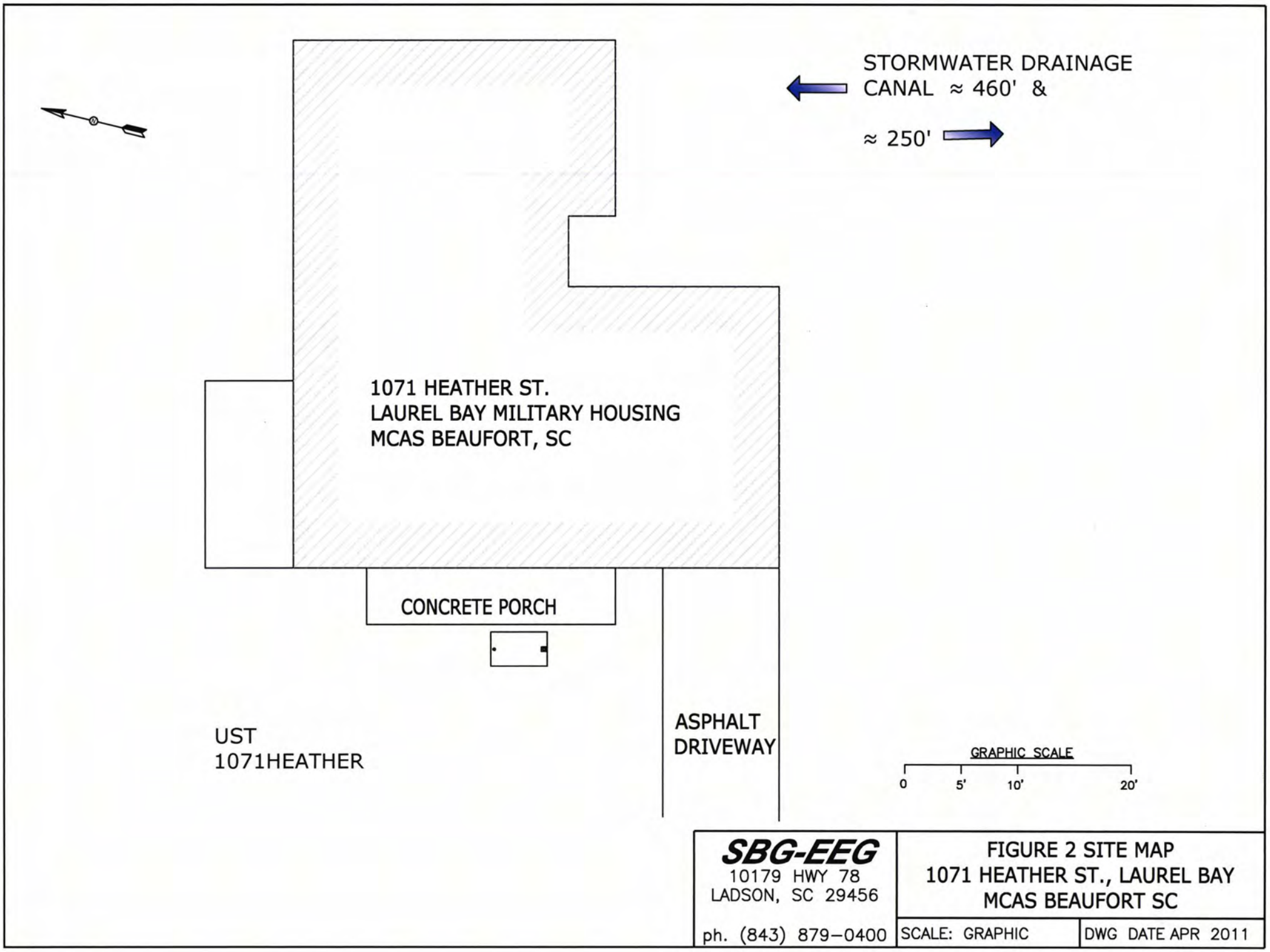


SBG-EEG, Inc.
398 E. 5th North Street, Suite C
Summerville SC 29483-6954
Ph. (843) 875-1930

Drawn By: L. DiAsio

Dwg Date: APR 2011

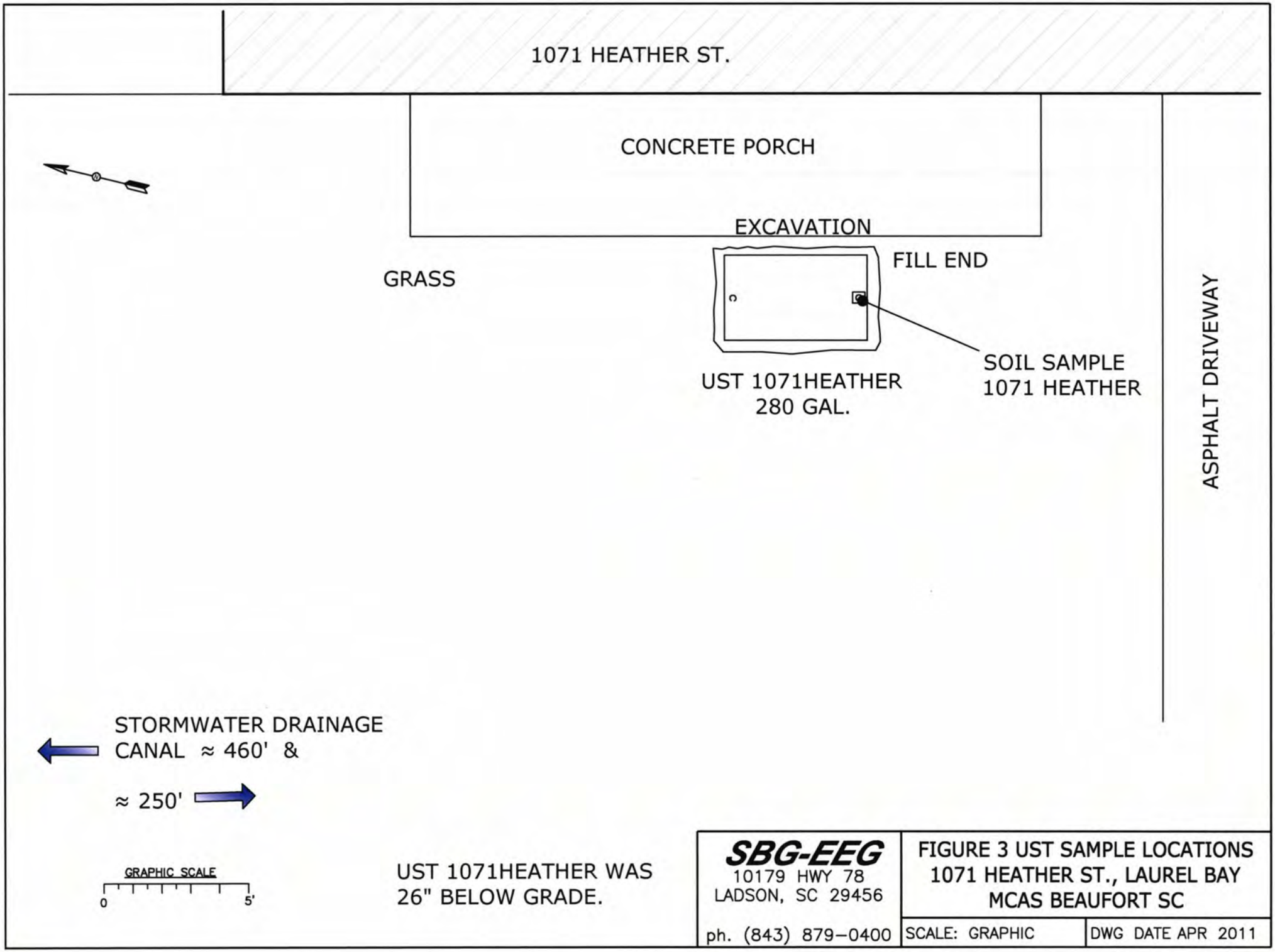
FIGURE 1: LOCATION MAP
1071 HEATHER ST.
LAUREL BAY, BEAUFORT SC



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

FIGURE 2 SITE MAP
1071 HEATHER ST., LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC | DWG DATE APR 2011


1071 HEATHER ST.
CONCRETE PORCH
EXCAVATION
FILL END
GRASS
ASPHALT DRIVEWAY
SOIL SAMPLE
1071 HEATHER
UST 1071HEATHER
280 GAL.
STORMWATER DRAINAGE
CANAL ≈ 460' &
≈ 250'
GRAPHIC SCALE
0
5'
UST 1071HEATHER WAS
26" BELOW GRADE.
SBG-EEG
10179 HWY 78
LADSON, SC 29456
ph. (843) 879-0400
FIGURE 3 UST SAMPLE LOCATIONS
1071 HEATHER ST., LAUREL BAY
MCAS BEAUFORT SC
SCALE: GRAPHIC
DWG DATE APR 2011

Picture 1: Location of UST 1071Heather.

Picture 2: UST 1071Heather excavation in progress.

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)

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	1071 Heather						
Benzene	ND						
Toluene	ND						
Ethylbenzene	ND						
Xylenes	ND						
Naphthalene	ND						
Benzo (a) anthracene	ND						
Benzo (b) fluoranthene	ND						
Benzo (k) fluoranthene	ND						
Chrysene	ND						
Dibenz (a, h) anthracene	ND						
TPH (EPA 3550)							

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

SUMMARY OF ANALYSIS RESULTS (cont'd)

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

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

XV. ANALYTICAL RESULTS

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

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

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

April 11, 2011 10:57:29AM

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

Work Order: NUC4497
Project Name: Laurel Bay Housing Project
Project Nbr: [none]
P/O Nbr: 1027
Date Received: 03/26/11

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
1010 Foxglove	NUC4497-01	03/21/11 14:15
1071 Heather	NUC4497-02	03/22/11 09:45
1068 Gardenia	NUC4497-03	03/22/11 15:00
1039 Iris	NUC4497-04	03/23/11 10:45
1100 Iris	NUC4497-05	03/23/11 15:15
1101 Iris	NUC4497-06	03/24/11 11:15
1105 Iris	NUC4497-07	03/24/11 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:

Ken A. Hayes

Senior Project Manager

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUC4497-01 (1010 Foxglove - Soil) Sampled: 03/21/11 14:15										
General Chemistry Parameters										
% Dry Solids	**94.0**		%	0.500	0.500	1	04/06/11 12:29	SW-846	AMS	11D0901
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00127	0.00231	1	03/30/11 17:26	SW846 8260B	MJH/H	11C5756
Ethylbenzene	ND		mg/kg dry	0.00113	0.00231	1	03/30/11 17:26	SW846 8260B	MJH/H	11C5756
Naphthalene	ND		mg/kg dry	0.00197	0.00578	1	03/30/11 17:26	SW846 8260B	MJH/H	11C5756
Toluene	ND		mg/kg dry	0.00103	0.00231	1	03/30/11 17:26	SW846 8260B	MJH/H	11C5756
Xylenes, total	ND		mg/kg dry	0.00220	0.00578	1	03/30/11 17:26	SW846 8260B	MJH/H	11C5756
Surr: 1,2-Dichloroethane-d4 (67-138%)	*110 %*					*1*	*03/30/11 17:26*	*SW846 8260B*	*MJH/H*	*11C5756*
Surr: Dibromofluoromethane (75-125%)	*103 %*					*1*	*03/30/11 17:26*	*SW846 8260B*	*MJH/H*	*11C5756*
Surr: Toluene-d8 (76-129%)	*92 %*					*1*	*03/30/11 17:26*	*SW846 8260B*	*MJH/H*	*11C5756*
Surr: 4-Bromofluorobenzene (67-147%)	*100 %*					*1*	*03/30/11 17:26*	*SW846 8260B*	*MJH/H*	*11C5756*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0147	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
Acenaphthylene	ND		mg/kg dry	0.0210	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
Anthracene	ND		mg/kg dry	0.00944	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
Benzo (a) anthracene	ND		mg/kg dry	0.0115	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
Benzo (a) pyrene	ND		mg/kg dry	0.00839	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
Benzo (b) fluoranthene	ND		mg/kg dry	0.0398	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
Benzo (g,h,i) perylene	ND		mg/kg dry	0.00944	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
Benzo (k) fluoranthene	ND		mg/kg dry	0.0388	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
Chrysene	ND		mg/kg dry	0.0325	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0157	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
Fluoranthene	ND		mg/kg dry	0.0115	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
Fluorene	ND		mg/kg dry	0.0210	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0325	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
Naphthalene	ND		mg/kg dry	0.0147	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
Phenanthrene	ND		mg/kg dry	0.0105	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
Pyrene	ND		mg/kg dry	0.0241	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
1-Methylnaphthalene	ND		mg/kg dry	0.0126	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
2-Methylnaphthalene	ND		mg/kg dry	0.0220	0.0702	1	03/30/11 15:33	SW846 8270D	AJK	11C6845
Surr: Terphenyl-d14 (18-120%)	*55 %*					*1*	*03/30/11 15:33*	*SW846 8270D*	*AJK*	*11C6845*
Surr: 2-Fluorobiphenyl (14-120%)	*48 %*					*1*	*03/30/11 15:33*	*SW846 8270D*	*AJK*	*11C6845*
Surr: Nitrobenzene-d5 (17-120%)	*47 %*					*1*	*03/30/11 15:33*	*SW846 8270D*	*AJK*	*11C6845*

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUC4497-02 (1071 Heather - Soil) Sampled: 03/22/11 09:45										
General Chemistry Parameters										
% Dry Solids	**84.0**		%	0.500	0.500	1	04/06/11 12:29	SW-846	AMS	11D0901
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00106	0.00193	1	03/30/11 17:56	SW846 8260B	MJH/H	11C5756
Ethylbenzene	ND		mg/kg dry	0.000947	0.00193	1	03/30/11 17:56	SW846 8260B	MJH/H	11C5756
Naphthalene	ND		mg/kg dry	0.00164	0.00483	1	03/30/11 17:56	SW846 8260B	MJH/H	11C5756
Toluene	ND		mg/kg dry	0.000860	0.00193	1	03/30/11 17:56	SW846 8260B	MJH/H	11C5756
Xylenes, total	ND		mg/kg dry	0.00184	0.00483	1	03/30/11 17:56	SW846 8260B	MJH/H	11C5756
Surr: 1,2-Dichloroethane-d4 (67-138%)	*109 %*					*1*	*03/30/11 17:56*	*SW846 8260B*	*MJH/H*	*11C5756*
Surr: Dibromofluoromethane (75-125%)	*100 %*					*1*	*03/30/11 17:56*	*SW846 8260B*	*MJH/H*	*11C5756*
Surr: Toluene-d8 (76-129%)	*94 %*					*1*	*03/30/11 17:56*	*SW846 8260B*	*MJH/H*	*11C5756*
Surr: 4-Bromofluorobenzene (67-147%)	*104 %*					*1*	*03/30/11 17:56*	*SW846 8260B*	*MJH/H*	*11C5756*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0162	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
Acenaphthylene	ND		mg/kg dry	0.0231	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
Anthracene	ND		mg/kg dry	0.0104	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
Benzo (a) anthracene	ND		mg/kg dry	0.0127	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
Benzo (a) pyrene	ND		mg/kg dry	0.00926	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
Benzo (b) fluoranthene	ND		mg/kg dry	0.0440	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0104	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
Benzo (k) fluoranthene	ND		mg/kg dry	0.0428	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
Chrysene	ND		mg/kg dry	0.0359	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0174	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
Fluoranthene	ND		mg/kg dry	0.0127	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
Fluorene	ND		mg/kg dry	0.0231	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0359	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
Naphthalene	ND		mg/kg dry	0.0162	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
Phenanthrene	ND		mg/kg dry	0.0116	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
Pyrene	ND		mg/kg dry	0.0266	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
1-Methylnaphthalene	ND		mg/kg dry	0.0139	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
2-Methylnaphthalene	ND		mg/kg dry	0.0243	0.0775	1	03/30/11 15:52	SW846 8270D	AJK	11C6845
Surr: Terphenyl-d14 (18-120%)	*53 %*					*1*	*03/30/11 15:52*	*SW846 8270D*	*AJK*	*11C6845*
Surr: 2-Fluorobiphenyl (14-120%)	*51 %*					*1*	*03/30/11 15:52*	*SW846 8270D*	*AJK*	*11C6845*
Surr: Nitrobenzene-d5 (17-120%)	*48 %*					*1*	*03/30/11 15:52*	*SW846 8270D*	*AJK*	*11C6845*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUC4497-03 (1068 Gardenia - Soil) Sampled: 03/22/11 15:00										
General Chemistry Parameters										
% Dry Solids	**83.2**		%	0.500	0.500	1	04/06/11 12:29	SW-846	AMS	11D0901
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00114	0.00208	1	03/30/11 18:25	SW846 8260B	MJH/H	11C5756
Ethylbenzene	ND		mg/kg dry	0.00102	0.00208	1	03/30/11 18:25	SW846 8260B	MJH/H	11C5756
Naphthalene	ND		mg/kg dry	0.00177	0.00520	1	03/30/11 18:25	SW846 8260B	MJH/H	11C5756
Toluene	ND		mg/kg dry	0.000926	0.00208	1	03/30/11 18:25	SW846 8260B	MJH/H	11C5756
Xylenes, total	ND		mg/kg dry	0.00198	0.00520	1	03/30/11 18:25	SW846 8260B	MJH/H	11C5756
Surr: 1,2-Dichloroethane-d4 (67-138%)	*108 %*					*1*	*03/30/11 18:25*	*SW846 8260B*	*MJH/H*	*11C5756*
Surr: Dibromofluoromethane (75-125%)	*102 %*					*1*	*03/30/11 18:25*	*SW846 8260B*	*MJH/H*	*11C5756*
Surr: Toluene-d8 (76-129%)	*96 %*					*1*	*03/30/11 18:25*	*SW846 8260B*	*MJH/H*	*11C5756*
Surr: 4-Bromofluorobenzene (67-147%)	*111 %*					*1*	*03/30/11 18:25*	*SW846 8260B*	*MJH/H*	*11C5756*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0166	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
Acenaphthylene	ND		mg/kg dry	0.0237	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
Anthracene	ND		mg/kg dry	0.0107	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
Benzo (a) anthracene	ND		mg/kg dry	0.0130	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
Benzo (a) pyrene	ND		mg/kg dry	0.00948	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
Benzo (b) fluoranthene	ND		mg/kg dry	0.0450	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0107	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
Benzo (k) fluoranthene	ND		mg/kg dry	0.0438	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
Chrysene	ND		mg/kg dry	0.0367	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0178	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
Fluoranthene	ND		mg/kg dry	0.0130	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
Fluorene	ND		mg/kg dry	0.0237	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0367	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
Naphthalene	ND		mg/kg dry	0.0166	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
Phenanthrene	ND		mg/kg dry	0.0118	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
Pyrene	ND		mg/kg dry	0.0273	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
1-Methylnaphthalene	ND		mg/kg dry	0.0142	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
2-Methylnaphthalene	ND		mg/kg dry	0.0249	0.0794	1	03/30/11 16:10	SW846 8270D	AJK	11C6845
Surr: Terphenyl-d14 (18-120%)	*57 %*					*1*	*03/30/11 16:10*	*SW846 8270D*	*AJK*	*11C6845*
Surr: 2-Fluorobiphenyl (14-120%)	*59 %*					*1*	*03/30/11 16:10*	*SW846 8270D*	*AJK*	*11C6845*
Surr: Nitrobenzene-d5 (17-120%)	*49 %*					*1*	*03/30/11 16:10*	*SW846 8270D*	*AJK*	*11C6845*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUC4497-04 (1039 Iris - Soil) Sampled: 03/23/11 10:45										
General Chemistry Parameters										
% Dry Solids	**89.5**		%	0.500	0.500	1	04/06/11 12:29	SW-846	AMS	11D0901
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00121	0.00220	1	03/31/11 13:36	SW846 8260B	MJH/H	11C7723
Ethylbenzene	ND	RL1	mg/kg dry	0.0662	0.135	50	03/31/11 14:06	SW846 8260B	MJH/H	11C7723
Naphthalene	ND	RL1	mg/kg dry	0.115	0.338	50	03/31/11 14:06	SW846 8260B	MJH/H	11C7723
Toluene	ND	RL1	mg/kg dry	0.0602	0.135	50	03/31/11 14:06	SW846 8260B	MJH/H	11C7723
Xylenes, total	ND	RL1	mg/kg dry	0.128	0.338	50	03/31/11 14:06	SW846 8260B	MJH/H	11C7723
Surr: 1,2-Dichloroethane-d4 (67-138%)	*132 %*					*1*	*03/31/11 13:36*	*SW846 8260B*	*MJH/H*	*11C7723*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*108 %*					*50*	*03/31/11 14:06*	*SW846 8260B*	*MJH/H*	*11C7723*
Surr: Dibromofluoromethane (75-125%)	*108 %*					*1*	*03/31/11 13:36*	*SW846 8260B*	*MJH/H*	*11C7723*
Surr: Dibromofluoromethane (75-125%)	*93 %*					*50*	*03/31/11 14:06*	*SW846 8260B*	*MJH/H*	*11C7723*
Surr: Toluene-d8 (76-129%)	*114 %*					*1*	*03/31/11 13:36*	*SW846 8260B*	*MJH/H*	*11C7723*
Surr: Toluene-d8 (76-129%)	*92 %*					*50*	*03/31/11 14:06*	*SW846 8260B*	*MJH/H*	*11C7723*
Surr: 4-Bromofluorobenzene (67-147%)	*163 %*	*ZX*				*1*	*03/31/11 13:36*	*SW846 8260B*	*MJH/H*	*11C7723*
Surr: 4-Bromofluorobenzene (67-147%)	*103 %*					*50*	*03/31/11 14:06*	*SW846 8260B*	*MJH/H*	*11C7723*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0155	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
Acenaphthylene	ND		mg/kg dry	0.0222	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
Anthracene	ND		mg/kg dry	0.00998	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
Benzo (a) anthracene	ND		mg/kg dry	0.0122	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
Benzo (a) pyrene	ND		mg/kg dry	0.00887	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
Benzo (b) fluoranthene	ND		mg/kg dry	0.0421	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
Benzo (g,h,i) perylene	ND		mg/kg dry	0.00998	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
Benzo (k) fluoranthene	ND		mg/kg dry	0.0410	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
Chrysene	ND		mg/kg dry	0.0344	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0166	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
Fluoranthene	ND		mg/kg dry	0.0122	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
Fluorene	ND		mg/kg dry	0.0222	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0344	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
Naphthalene	ND		mg/kg dry	0.0155	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
Phenanthrene	ND		mg/kg dry	0.0111	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
Pyrene	ND		mg/kg dry	0.0255	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
1-Methylnaphthalene	ND		mg/kg dry	0.0133	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
2-Methylnaphthalene	ND		mg/kg dry	0.0233	0.0743	1	03/30/11 16:29	SW846 8270D	AJK	11C6845
Surr: Terphenyl-d14 (18-120%)	*76 %*					*1*	*03/30/11 16:29*	*SW846 8270D*	*AJK*	*11C6845*
Surr: 2-Fluorobiphenyl (14-120%)	*78 %*					*1*	*03/30/11 16:29*	*SW846 8270D*	*AJK*	*11C6845*
Surr: Nitrobenzene-d5 (17-120%)	*39 %*					*1*	*03/30/11 16:29*	*SW846 8270D*	*AJK*	*11C6845*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUC4497-05 (1100 Iris - Soil) Sampled: 03/23/11 15:15										
General Chemistry Parameters										
% Dry Solids	**82.4**		%	0.500	0.500	1	04/06/11 12:29	SW-846	AMS	11D0901
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00122	0.00222	1	03/30/11 19:25	SW846 8260B	MJH/H	11C5756
Ethylbenzene	ND		mg/kg dry	0.00109	0.00222	1	03/30/11 19:25	SW846 8260B	MJH/H	11C5756
Naphthalene	ND		mg/kg dry	0.00189	0.00555	1	03/30/11 19:25	SW846 8260B	MJH/H	11C5756
Toluene	ND		mg/kg dry	0.000987	0.00222	1	03/30/11 19:25	SW846 8260B	MJH/H	11C5756
Xylenes, total	ND		mg/kg dry	0.00211	0.00555	1	03/30/11 19:25	SW846 8260B	MJH/H	11C5756
Surr: 1,2-Dichloroethane-d4 (67-138%)	*107 %*					*1*	*03/30/11 19:25*	*SW846 8260B*	*MJH/H*	*11C5756*
Surr: Dibromofluoromethane (75-125%)	*100 %*					*1*	*03/30/11 19:25*	*SW846 8260B*	*MJH/H*	*11C5756*
Surr: Toluene-d8 (76-129%)	*95 %*					*1*	*03/30/11 19:25*	*SW846 8260B*	*MJH/H*	*11C5756*
Surr: 4-Bromofluorobenzene (67-147%)	*102 %*					*1*	*03/30/11 19:25*	*SW846 8260B*	*MJH/H*	*11C5756*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0168	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
Acenaphthylene	ND		mg/kg dry	0.0241	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
Anthracene	ND		mg/kg dry	0.0108	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
Benzo (a) anthracene	ND		mg/kg dry	0.0132	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
Benzo (a) pyrene	ND		mg/kg dry	0.00962	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
Benzo (b) fluoranthene	ND		mg/kg dry	0.0457	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0108	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
Benzo (k) fluoranthene	ND		mg/kg dry	0.0445	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
Chrysene	ND		mg/kg dry	0.0373	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0180	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
Fluoranthene	ND		mg/kg dry	0.0132	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
Fluorene	ND		mg/kg dry	0.0241	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0373	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
Naphthalene	ND		mg/kg dry	0.0168	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
Phenanthrene	ND		mg/kg dry	0.0120	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
Pyrene	ND		mg/kg dry	0.0277	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
1-Methylnaphthalene	ND		mg/kg dry	0.0144	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
2-Methylnaphthalene	ND		mg/kg dry	0.0253	0.0806	1	03/30/11 16:48	SW846 8270D	AJK	11C6845
Surr: Terphenyl-d14 (18-120%)	*69 %*					*1*	*03/30/11 16:48*	*SW846 8270D*	*AJK*	*11C6845*
Surr: 2-Fluorobiphenyl (14-120%)	*57 %*					*1*	*03/30/11 16:48*	*SW846 8270D*	*AJK*	*11C6845*
Surr: Nitrobenzene-d5 (17-120%)	*54 %*					*1*	*03/30/11 16:48*	*SW846 8270D*	*AJK*	*11C6845*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUC4497-06 (1101 Iris - Soil) Sampled: 03/24/11 11:15										
General Chemistry Parameters										
% Dry Solids	**83.2**		%	0.500	0.500	1	04/06/11 12:29	SW-846	AMS	11D0901
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.00103	0.00188	1	03/30/11 19:55	SW846 8260B	MJH/H	11C5756
Ethylbenzene	**0.0617**		mg/kg dry	0.000921	0.00188	1	03/30/11 19:55	SW846 8260B	MJH/H	11C5756
Naphthalene	**1.02**		mg/kg dry	0.0793	0.233	50	03/31/11 16:05	SW846 8260B	MJH/H	11C7723
Toluene	**0.00104**	J	mg/kg dry	0.000837	0.00188	1	03/30/11 19:55	SW846 8260B	MJH/H	11C5756
Xylenes, total	**0.270**		mg/kg dry	0.00179	0.00470	1	03/30/11 19:55	SW846 8260B	MJH/H	11C5756
Surr: 1,2-Dichloroethane-d4 (67-138%)	*109 %*					*1*	*03/30/11 19:55*	*SW846 8260B*	*MJH/H*	*11C5756*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*99 %*					*50*	*03/31/11 16:05*	*SW846 8260B*	*MJH/H*	*11C7723*
Surr: Dibromofluoromethane (75-125%)	*99 %*					*1*	*03/30/11 19:55*	*SW846 8260B*	*MJH/H*	*11C5756*
Surr: Dibromofluoromethane (75-125%)	*87 %*					*50*	*03/31/11 16:05*	*SW846 8260B*	*MJH/H*	*11C7723*
Surr: Toluene-d8 (76-129%)	*116 %*					*1*	*03/30/11 19:55*	*SW846 8260B*	*MJH/H*	*11C5756*
Surr: Toluene-d8 (76-129%)	*102 %*					*50*	*03/31/11 16:05*	*SW846 8260B*	*MJH/H*	*11C7723*
Surr: 4-Bromofluorobenzene (67-147%)	*178 %*	*ZX*				*1*	*03/30/11 19:55*	*SW846 8260B*	*MJH/H*	*11C5756*
Surr: 4-Bromofluorobenzene (67-147%)	*100 %*					*50*	*03/31/11 16:05*	*SW846 8260B*	*MJH/H*	*11C7723*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0167	0.0798	1	03/30/11 17:06	SW846 8270D	AJK	11C6845
Acenaphthylene	ND		mg/kg dry	0.0238	0.0798	1	03/30/11 17:06	SW846 8270D	AJK	11C6845
Anthracene	ND		mg/kg dry	0.0107	0.0798	1	03/30/11 17:06	SW846 8270D	AJK	11C6845
Benzo (a) anthracene	ND		mg/kg dry	0.0131	0.0798	1	03/30/11 17:06	SW846 8270D	AJK	11C6845
Benzo (a) pyrene	ND		mg/kg dry	0.00953	0.0798	1	03/30/11 17:06	SW846 8270D	AJK	11C6845
Benzo (b) fluoranthene	ND		mg/kg dry	0.0453	0.0798	1	03/30/11 17:06	SW846 8270D	AJK	11C6845
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0107	0.0798	1	03/30/11 17:06	SW846 8270D	AJK	11C6845
Benzo (k) fluoranthene	ND		mg/kg dry	0.0441	0.0798	1	03/30/11 17:06	SW846 8270D	AJK	11C6845
Chrysene	ND		mg/kg dry	0.0369	0.0798	1	03/30/11 17:06	SW846 8270D	AJK	11C6845
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0179	0.0798	1	03/30/11 17:06	SW846 8270D	AJK	11C6845
Fluoranthene	ND		mg/kg dry	0.0131	0.0798	1	03/30/11 17:06	SW846 8270D	AJK	11C6845
Fluorene	**0.807**		mg/kg dry	0.0238	0.0798	1	03/30/11 17:06	SW846 8270D	AJK	11C6845
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0369	0.0798	1	03/30/11 17:06	SW846 8270D	AJK	11C6845
Naphthalene	**1.01**		mg/kg dry	0.0167	0.0798	1	03/30/11 17:06	SW846 8270D	AJK	11C6845
Phenanthrene	**1.38**		mg/kg dry	0.0119	0.0798	1	03/30/11 17:06	SW846 8270D	AJK	11C6845
Pyrene	**0.0762**	J	mg/kg dry	0.0274	0.0798	1	03/30/11 17:06	SW846 8270D	AJK	11C6845
1-Methylnaphthalene	**3.89**		mg/kg dry	0.0143	0.0798	1	03/30/11 17:06	SW846 8270D	AJK	11C6845
2-Methylnaphthalene	**5.76**		mg/kg dry	0.125	0.399	5	03/31/11 12:05	SW846 8270D	ajk	11C6845
Surr: Terphenyl-d14 (18-120%)	*73 %*					*1*	*03/30/11 17:06*	*SW846 8270D*	*AJK*	*11C6845*
Surr: 2-Fluorobiphenyl (14-120%)	*64 %*					*1*	*03/30/11 17:06*	*SW846 8270D*	*AJK*	*11C6845*
Surr: Nitrobenzene-d5 (17-120%)	*63 %*					*1*	*03/30/11 17:06*	*SW846 8270D*	*AJK*	*11C6845*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUC4497-07 (1105 Iris - Soil) Sampled: 03/24/11 16:00										
General Chemistry Parameters										
% Dry Solids	**85.0**		%	0.500	0.500	1	04/06/11 12:29	SW-846	AMS	11D0901
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	RL1	mg/kg dry	0.0594	0.108	50	03/31/11 15:06	SW846 8260B	MJH/H	11C7723
Ethylbenzene	ND	RL1	mg/kg dry	0.0529	0.108	50	03/31/11 15:06	SW846 8260B	MJH/H	11C7723
Naphthalene	ND	RL1	mg/kg dry	0.0918	0.270	50	03/31/11 15:06	SW846 8260B	MJH/H	11C7723
Toluene	ND	RL1	mg/kg dry	0.0481	0.108	50	03/31/11 15:06	SW846 8260B	MJH/H	11C7723
Xylenes, total	ND	RL1	mg/kg dry	0.103	0.270	50	03/31/11 15:06	SW846 8260B	MJH/H	11C7723
Surr: 1,2-Dichloroethane-d4 (67-138%)	*106 %*					*50*	*03/31/11 15:06*	*SW846 8260B*	*MJH/H*	*11C7723*
Surr: Dibromofluoromethane (75-125%)	*91 %*					*50*	*03/31/11 15:06*	*SW846 8260B*	*MJH/H*	*11C7723*
Surr: Toluene-d8 (76-129%)	*102 %*					*50*	*03/31/11 15:06*	*SW846 8260B*	*MJH/H*	*11C7723*
Surr: 4-Bromofluorobenzene (67-147%)	*104 %*					*50*	*03/31/11 15:06*	*SW846 8260B*	*MJH/H*	*11C7723*
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0163	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
Acenaphthylene	ND		mg/kg dry	0.0233	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
Anthracene	ND		mg/kg dry	0.0105	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
Benzo (a) anthracene	ND		mg/kg dry	0.0128	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
Benzo (a) pyrene	ND		mg/kg dry	0.00931	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
Benzo (b) fluoranthene	ND		mg/kg dry	0.0442	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0105	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
Benzo (k) fluoranthene	ND		mg/kg dry	0.0430	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
Chrysene	ND		mg/kg dry	0.0361	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0175	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
Fluoranthene	ND		mg/kg dry	0.0128	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
Fluorene	ND		mg/kg dry	0.0233	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0361	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
Naphthalene	ND		mg/kg dry	0.0163	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
Phenanthrene	ND		mg/kg dry	0.0116	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
Pyrene	ND		mg/kg dry	0.0268	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
1-Methylnaphthalene	ND		mg/kg dry	0.0140	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
2-Methylnaphthalene	ND		mg/kg dry	0.0244	0.0779	1	03/30/11 17:25	SW846 8270D	AJK	11C6845
Surr: Terphenyl-d14 (18-120%)	*68 %*					*1*	*03/30/11 17:25*	*SW846 8270D*	*AJK*	*11C6845*
Surr: 2-Fluorobiphenyl (14-120%)	*52 %*					*1*	*03/30/11 17:25*	*SW846 8270D*	*AJK*	*11C6845*
Surr: Nitrobenzene-d5 (17-120%)	*44 %*					*1*	*03/30/11 17:25*	*SW846 8270D*	*AJK*	*11C6845*

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extract Vol	Date	Analyst	Extraction Method
Polyaromatic Hydrocarbons by EPA 8270D							
SW846 8270D	11C6845	NUC4497-01	30.43	1.00	03/29/11 10:40	SAS	EPA 3550C
SW846 8270D	11C6845	NUC4497-02	30.86	1.00	03/29/11 10:40	SAS	EPA 3550C
SW846 8270D	11C6845	NUC4497-03	30.44	1.00	03/29/11 10:40	SAS	EPA 3550C
SW846 8270D	11C6845	NUC4497-04	30.21	1.00	03/29/11 10:40	SAS	EPA 3550C
SW846 8270D	11C6845	NUC4497-05	30.28	1.00	03/29/11 10:40	SAS	EPA 3550C
SW846 8270D	11C6845	NUC4497-06	30.26	1.00	03/29/11 10:40	SAS	EPA 3550C
SW846 8270D	11C6845	NUC4497-06RE1	30.26	1.00	03/29/11 10:40	SAS	EPA 3550C
SW846 8270D	11C6845	NUC4497-07	30.35	1.00	03/29/11 10:40	SAS	EPA 3550C
Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	11C5756	NUC4497-01	4.60	5.00	03/21/11 14:15	CHH	EPA 5035
SW846 8260B	11C5756	NUC4497-02	6.16	5.00	03/22/11 09:45	CHH	EPA 5035
SW846 8260B	11C5756	NUC4497-03	5.78	5.00	03/22/11 15:00	CHH	EPA 5035
SW846 8260B	11C5756	NUC4497-04	4.86	5.00	03/23/11 10:45	CHH	EPA 5035
SW846 8260B	11C7723	NUC4497-04RE1	5.08	5.00	03/23/11 10:45	CHH	EPA 5035
SW846 8260B	11C7723	NUC4497-04RE2	4.13	5.00	03/23/11 10:45	CHH	EPA 5035
SW846 8260B	11C5756	NUC4497-05	5.47	5.00	03/23/11 15:15	CHH	EPA 5035
SW846 8260B	11C5756	NUC4497-06	6.39	5.00	03/24/11 11:15	CHH	EPA 5035
SW846 8260B	11C7723	NUC4497-06RE1	6.44	5.00	03/24/11 11:15	CHH	EPA 5035
SW846 8260B	11C5756	NUC4497-07	5.26	5.00	03/24/11 16:00	CHH	EPA 5035
SW846 8260B	11C7723	NUC4497-07RE1	4.74	5.00	03/24/11 16:00	CHH	EPA 5035
SW846 8260B	11C7723	NUC4497-07RE2	5.45	5.00	03/24/11 16:00	CHH	EPA 5035

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

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						
11C5756-BLK1						
Benzene	<0.00110		mg/kg wet	11C5756	11C5756-BLK1	03/30/11 12:19
Ethylbenzene	<0.000980		mg/kg wet	11C5756	11C5756-BLK1	03/30/11 12:19
Naphthalene	<0.00170		mg/kg wet	11C5756	11C5756-BLK1	03/30/11 12:19
Toluene	<0.000890		mg/kg wet	11C5756	11C5756-BLK1	03/30/11 12:19
Xylenes, total	<0.00190		mg/kg wet	11C5756	11C5756-BLK1	03/30/11 12:19
Surrogate: 1,2-Dichloroethane-d4	110%			11C5756	11C5756-BLK1	03/30/11 12:19
Surrogate: Dibromofluoromethane	102%			11C5756	11C5756-BLK1	03/30/11 12:19
Surrogate: Toluene-d8	91%			11C5756	11C5756-BLK1	03/30/11 12:19
Surrogate: 4-Bromofluorobenzene	98%			11C5756	11C5756-BLK1	03/30/11 12:19
11C5756-BLK2						
Benzene	<0.0550		mg/kg wet	11C5756	11C5756-BLK2	03/30/11 12:49
Ethylbenzene	<0.0490		mg/kg wet	11C5756	11C5756-BLK2	03/30/11 12:49
Naphthalene	<0.0850		mg/kg wet	11C5756	11C5756-BLK2	03/30/11 12:49
Toluene	<0.0445		mg/kg wet	11C5756	11C5756-BLK2	03/30/11 12:49
Xylenes, total	<0.0950		mg/kg wet	11C5756	11C5756-BLK2	03/30/11 12:49
Surrogate: 1,2-Dichloroethane-d4	106%			11C5756	11C5756-BLK2	03/30/11 12:49
Surrogate: Dibromofluoromethane	100%			11C5756	11C5756-BLK2	03/30/11 12:49
Surrogate: Toluene-d8	101%			11C5756	11C5756-BLK2	03/30/11 12:49
Surrogate: 4-Bromofluorobenzene	98%			11C5756	11C5756-BLK2	03/30/11 12:49
11C7723-BLK1						
Benzene	<0.00110		mg/kg wet	11C7723	11C7723-BLK1	03/31/11 12:07
Ethylbenzene	<0.000980		mg/kg wet	11C7723	11C7723-BLK1	03/31/11 12:07
Naphthalene	<0.00170		mg/kg wet	11C7723	11C7723-BLK1	03/31/11 12:07
Toluene	<0.000890		mg/kg wet	11C7723	11C7723-BLK1	03/31/11 12:07
Xylenes, total	<0.00190		mg/kg wet	11C7723	11C7723-BLK1	03/31/11 12:07
Surrogate: 1,2-Dichloroethane-d4	110%			11C7723	11C7723-BLK1	03/31/11 12:07
Surrogate: Dibromofluoromethane	101%			11C7723	11C7723-BLK1	03/31/11 12:07
Surrogate: Toluene-d8	101%			11C7723	11C7723-BLK1	03/31/11 12:07
Surrogate: 4-Bromofluorobenzene	99%			11C7723	11C7723-BLK1	03/31/11 12:07
11C7723-BLK2						
Benzene	<0.0550		mg/kg wet	11C7723	11C7723-BLK2	03/31/11 12:37
Ethylbenzene	<0.0490		mg/kg wet	11C7723	11C7723-BLK2	03/31/11 12:37
Naphthalene	<0.0850		mg/kg wet	11C7723	11C7723-BLK2	03/31/11 12:37
Toluene	<0.0445		mg/kg wet	11C7723	11C7723-BLK2	03/31/11 12:37
Xylenes, total	<0.0950		mg/kg wet	11C7723	11C7723-BLK2	03/31/11 12:37
Surrogate: 1,2-Dichloroethane-d4	104%			11C7723	11C7723-BLK2	03/31/11 12:37
Surrogate: Dibromofluoromethane	99%			11C7723	11C7723-BLK2	03/31/11 12:37
Surrogate: Toluene-d8	102%			11C7723	11C7723-BLK2	03/31/11 12:37
Surrogate: 4-Bromofluorobenzene	98%			11C7723	11C7723-BLK2	03/31/11 12:37

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
Polyaromatic Hydrocarbons by EPA 8270D						
11C6845-BLK1						
Acenaphthene	<0.0140		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
Acenaphthylene	<0.0200		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
Anthracene	<0.00900		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
Benzo (a) anthracene	<0.0110		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
Benzo (a) pyrene	<0.00800		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
Benzo (b) fluoranthene	<0.0380		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
Benzo (g,h,i) perylene	<0.00900		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
Benzo (k) fluoranthene	<0.0370		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
Chrysene	<0.0310		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
Dibenz (a,h) anthracene	<0.0150		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
Fluoranthene	<0.0110		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
Fluorene	<0.0200		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
Indeno (1,2,3-cd) pyrene	<0.0310		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
Naphthalene	<0.0140		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
Phenanthrene	<0.0100		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
Pyrene	<0.0230		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
1-Methylnaphthalene	<0.0120		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
2-Methylnaphthalene	<0.0210		mg/kg wet	11C6845	11C6845-BLK1	03/30/11 10:32
Surrogate: Terphenyl-d14	67%			11C6845	11C6845-BLK1	03/30/11 10:32
Surrogate: 2-Fluorobiphenyl	66%			11C6845	11C6845-BLK1	03/30/11 10:32
Surrogate: Nitrobenzene-d5	62%			11C6845	11C6845-BLK1	03/30/11 10:32

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
11D0901-DUP1										
% Dry Solids	83.0	85.7		%	3	20	11D0901	NUC4454-22		04/06/11 12:29

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

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								
11C5756-BS1								
Benzene	50.0	53.0		ug/kg	106%	78 - 126	11C5756	03/30/11 10:49
Ethylbenzene	50.0	53.2		ug/kg	106%	79 - 130	11C5756	03/30/11 10:49
Naphthalene	50.0	53.4		ug/kg	107%	72 - 150	11C5756	03/30/11 10:49
Toluene	50.0	48.5		ug/kg	97%	76 - 126	11C5756	03/30/11 10:49
Xylenes, total	150	153		ug/kg	102%	80 - 130	11C5756	03/30/11 10:49
Surrogate: 1,2-Dichloroethane-d4	50.0	55.8			112%	67 - 138	11C5756	03/30/11 10:49
Surrogate: Dibromofluoromethane	50.0	51.4			103%	75 - 125	11C5756	03/30/11 10:49
Surrogate: Toluene-d8	50.0	45.8			92%	76 - 129	11C5756	03/30/11 10:49
Surrogate: 4-Bromofluorobenzene	50.0	50.0			100%	67 - 147	11C5756	03/30/11 10:49
11C7723-BS1								
Benzene	50.0	48.8		ug/kg	98%	78 - 126	11C7723	03/31/11 10:25
Ethylbenzene	50.0	49.5		ug/kg	99%	79 - 130	11C7723	03/31/11 10:25
Naphthalene	50.0	51.3		ug/kg	103%	72 - 150	11C7723	03/31/11 10:25
Toluene	50.0	49.0		ug/kg	98%	76 - 126	11C7723	03/31/11 10:25
Xylenes, total	150	147		ug/kg	98%	80 - 130	11C7723	03/31/11 10:25
Surrogate: 1,2-Dichloroethane-d4	50.0	56.5			113%	67 - 138	11C7723	03/31/11 10:25
Surrogate: Dibromofluoromethane	50.0	51.5			103%	75 - 125	11C7723	03/31/11 10:25
Surrogate: Toluene-d8	50.0	49.5			99%	76 - 129	11C7723	03/31/11 10:25
Surrogate: 4-Bromofluorobenzene	50.0	50.4			101%	67 - 147	11C7723	03/31/11 10:25
Polyaromatic Hydrocarbons by EPA 8270D								
11C6845-BS1								
Acenaphthene	1.67	1.19		mg/kg wet	72%	49 - 120	11C6845	03/30/11 10:51
Acenaphthylene	1.67	1.28		mg/kg wet	77%	52 - 120	11C6845	03/30/11 10:51
Anthracene	1.67	1.31		mg/kg wet	79%	58 - 120	11C6845	03/30/11 10:51
Benzo (a) anthracene	1.67	1.23		mg/kg wet	74%	57 - 120	11C6845	03/30/11 10:51
Benzo (a) pyrene	1.67	1.36		mg/kg wet	81%	55 - 120	11C6845	03/30/11 10:51
Benzo (b) fluoranthene	1.67	1.31		mg/kg wet	79%	51 - 123	11C6845	03/30/11 10:51
Benzo (g,h,i) perylene	1.67	1.43		mg/kg wet	86%	49 - 121	11C6845	03/30/11 10:51
Benzo (k) fluoranthene	1.67	1.24		mg/kg wet	74%	42 - 129	11C6845	03/30/11 10:51
Chrysene	1.67	1.18		mg/kg wet	71%	55 - 120	11C6845	03/30/11 10:51
Dibenz (a,h) anthracene	1.67	1.46		mg/kg wet	88%	50 - 123	11C6845	03/30/11 10:51
Fluoranthene	1.67	1.33		mg/kg wet	80%	58 - 120	11C6845	03/30/11 10:51
Fluorene	1.67	1.29		mg/kg wet	77%	54 - 120	11C6845	03/30/11 10:51
Indeno (1,2,3-cd) pyrene	1.67	1.50		mg/kg wet	90%	50 - 122	11C6845	03/30/11 10:51
Naphthalene	1.67	1.30		mg/kg wet	78%	28 - 120	11C6845	03/30/11 10:51
Phenanthrene	1.67	1.28		mg/kg wet	77%	56 - 120	11C6845	03/30/11 10:51
Pyrene	1.67	1.14		mg/kg wet	68%	56 - 120	11C6845	03/30/11 10:51
1-Methylnaphthalene	1.67	1.16		mg/kg wet	69%	36 - 120	11C6845	03/30/11 10:51
2-Methylnaphthalene	1.67	1.25		mg/kg wet	75%	36 - 120	11C6845	03/30/11 10:51

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D								
11C6845-BS1								
Surrogate: Terphenyl-d14	1.67	1.01			61%	18 - 120	11C6845	03/30/11 10:51
Surrogate: 2-Fluorobiphenyl	1.67	1.11			67%	14 - 120	11C6845	03/30/11 10:51
Surrogate: Nitrobenzene-d5	1.67	1.13			68%	17 - 120	11C6845	03/30/11 10:51

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

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										
11C5756-MS1										
Benzene	0.00806	0.0505		mg/kg wet	0.0470	90%	42 - 141	11C5756	NUC3836-05	03/30/11 20:54
Ethylbenzene	0.00176	0.0461		mg/kg wet	0.0470	94%	21 - 165	11C5756	NUC3836-05	03/30/11 20:54
Naphthalene	ND	0.0406		mg/kg wet	0.0470	86%	10 - 160	11C5756	NUC3836-05	03/30/11 20:54
Toluene	0.0169	0.0574		mg/kg wet	0.0470	86%	45 - 145	11C5756	NUC3836-05	03/30/11 20:54
Xylenes, total	0.0219	0.152		mg/kg wet	0.141	92%	31 - 159	11C5756	NUC3836-05	03/30/11 20:54
Surrogate: 1,2-Dichloroethane-d4		57.9		ug/kg	50.0	116%	67 - 138	11C5756	NUC3836-05	03/30/11 20:54
Surrogate: Dibromofluoromethane		51.0		ug/kg	50.0	102%	75 - 125	11C5756	NUC3836-05	03/30/11 20:54
Surrogate: Toluene-d8		47.7		ug/kg	50.0	95%	76 - 129	11C5756	NUC3836-05	03/30/11 20:54
Surrogate: 4-Bromofluorobenzene		52.8		ug/kg	50.0	106%	67 - 147	11C5756	NUC3836-05	03/30/11 20:54
11C7723-MS1										
Benzene	ND	3.28		mg/kg dry	3.00	109%	42 - 141	11C7723	NUC4497-06R E1	03/31/11 19:04
Ethylbenzene	0.125	3.68		mg/kg dry	3.00	118%	21 - 165	11C7723	NUC4497-06R E1	03/31/11 19:04
Naphthalene	1.02	4.16		mg/kg dry	3.00	105%	10 - 160	11C7723	NUC4497-06R E1	03/31/11 19:04
Toluene	ND	3.37		mg/kg dry	3.00	112%	45 - 145	11C7723	NUC4497-06R E1	03/31/11 19:04
Xylenes, total	0.658	11.3		mg/kg dry	9.01	118%	31 - 159	11C7723	NUC4497-06R E1	03/31/11 19:04
Surrogate: 1,2-Dichloroethane-d4		51.0		ug/kg	50.0	102%	67 - 138	11C7723	NUC4497-06R E1	03/31/11 19:04
Surrogate: Dibromofluoromethane		48.5		ug/kg	50.0	97%	75 - 125	11C7723	NUC4497-06R E1	03/31/11 19:04
Surrogate: Toluene-d8		50.6		ug/kg	50.0	101%	76 - 129	11C7723	NUC4497-06R E1	03/31/11 19:04
Surrogate: 4-Bromofluorobenzene		49.2		ug/kg	50.0	98%	67 - 147	11C7723	NUC4497-06R E1	03/31/11 19:04
Polyaromatic Hydrocarbons by EPA 8270D										
11C6845-MS1										
Acenaphthene	ND	1.39		mg/kg dry	1.96	71%	42 - 120	11C6845	NUC4453-01	03/30/11 11:10
Acenaphthylene	ND	1.45		mg/kg dry	1.96	74%	32 - 120	11C6845	NUC4453-01	03/30/11 11:10
Anthracene	ND	1.55		mg/kg dry	1.96	79%	10 - 200	11C6845	NUC4453-01	03/30/11 11:10
Benzo (a) anthracene	ND	1.37		mg/kg dry	1.96	70%	41 - 120	11C6845	NUC4453-01	03/30/11 11:10
Benzo (a) pyrene	ND	1.46		mg/kg dry	1.96	75%	33 - 121	11C6845	NUC4453-01	03/30/11 11:10
Benzo (b) fluoranthene	ND	1.46		mg/kg dry	1.96	74%	26 - 137	11C6845	NUC4453-01	03/30/11 11:10
Benzo (g,h,i) perylene	ND	1.51		mg/kg dry	1.96	77%	21 - 124	11C6845	NUC4453-01	03/30/11 11:10
Benzo (k) fluoranthene	ND	1.38		mg/kg dry	1.96	70%	14 - 140	11C6845	NUC4453-01	03/30/11 11:10
Chrysene	ND	1.34		mg/kg dry	1.96	68%	28 - 123	11C6845	NUC4453-01	03/30/11 11:10
Dibenz (a,h) anthracene	ND	1.58		mg/kg dry	1.96	80%	25 - 127	11C6845	NUC4453-01	03/30/11 11:10

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D										
11C6845-MS1										
Fluoranthene	ND	1.47		mg/kg dry	1.96	75%	38 - 120	11C6845	NUC4453-01	03/30/11 11:10
Fluorene	ND	1.45		mg/kg dry	1.96	74%	41 - 120	11C6845	NUC4453-01	03/30/11 11:10
Indeno (1,2,3-cd) pyrene	ND	1.59		mg/kg dry	1.96	81%	25 - 123	11C6845	NUC4453-01	03/30/11 11:10
Naphthalene	ND	1.48		mg/kg dry	1.96	75%	25 - 120	11C6845	NUC4453-01	03/30/11 11:10
Phenanthrene	ND	1.49		mg/kg dry	1.96	76%	37 - 120	11C6845	NUC4453-01	03/30/11 11:10
Pyrene	ND	1.27		mg/kg dry	1.96	65%	29 - 125	11C6845	NUC4453-01	03/30/11 11:10
1-Methylnaphthalene	ND	1.26		mg/kg dry	1.96	64%	19 - 120	11C6845	NUC4453-01	03/30/11 11:10
2-Methylnaphthalene	ND	1.38		mg/kg dry	1.96	70%	11 - 120	11C6845	NUC4453-01	03/30/11 11:10
Surrogate: Terphenyl-d14		1.02		mg/kg dry	1.96	52%	18 - 120	11C6845	NUC4453-01	03/30/11 11:10
Surrogate: 2-Fluorobiphenyl		1.23		mg/kg dry	1.96	63%	14 - 120	11C6845	NUC4453-01	03/30/11 11:10
Surrogate: Nitrobenzene-d5		1.30		mg/kg dry	1.96	66%	17 - 120	11C6845	NUC4453-01	03/30/11 11:10

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

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												
11C5756-MSD1												
Benzene	0.00806	0.0506		mg/kg wet	0.0473	90%	42 - 141	0.2	50	11C5756	NUC3836-05	03/30/11 21:24
Ethylbenzene	0.00176	0.0464		mg/kg wet	0.0473	94%	21 - 165	0.7	50	11C5756	NUC3836-05	03/30/11 21:24
Naphthalene	ND	0.0342		mg/kg wet	0.0473	72%	10 - 160	17	50	11C5756	NUC3836-05	03/30/11 21:24
Toluene	0.0169	0.0620		mg/kg wet	0.0473	95%	45 - 145	8	50	11C5756	NUC3836-05	03/30/11 21:24
Xylenes, total	0.0219	0.156		mg/kg wet	0.142	94%	31 - 159	2	50	11C5756	NUC3836-05	03/30/11 21:24
Surrogate: 1,2-Dichloroethane-d4		56.2		ug/kg	50.0	112%	67 - 138			11C5756	NUC3836-05	03/30/11 21:24
Surrogate: Dibromofluoromethane		51.4		ug/kg	50.0	103%	75 - 125			11C5756	NUC3836-05	03/30/11 21:24
Surrogate: Toluene-d8		51.9		ug/kg	50.0	104%	76 - 129			11C5756	NUC3836-05	03/30/11 21:24
Surrogate: 4-Bromofluorobenzene		52.6		ug/kg	50.0	105%	67 - 147			11C5756	NUC3836-05	03/30/11 21:24
11C7723-MSD1												
Benzene	ND	3.28		mg/kg dry	3.00	109%	42 - 141	0.05	50	11C7723	NUC4497-06R E1	03/31/11 19:34
Ethylbenzene	0.125	3.71		mg/kg dry	3.00	119%	21 - 165	0.9	50	11C7723	NUC4497-06R E1	03/31/11 19:34
Naphthalene	1.02	4.47		mg/kg dry	3.00	115%	10 - 160	7	50	11C7723	NUC4497-06R E1	03/31/11 19:34
Toluene	ND	3.42		mg/kg dry	3.00	114%	45 - 145	2	50	11C7723	NUC4497-06R E1	03/31/11 19:34
Xylenes, total	0.658	11.4		mg/kg dry	9.01	119%	31 - 159	1	50	11C7723	NUC4497-06R E1	03/31/11 19:34
Surrogate: 1,2-Dichloroethane-d4		51.9		ug/kg	50.0	104%	67 - 138			11C7723	NUC4497-06R E1	03/31/11 19:34
Surrogate: Dibromofluoromethane		48.0		ug/kg	50.0	96%	75 - 125			11C7723	NUC4497-06R E1	03/31/11 19:34
Surrogate: Toluene-d8		50.6		ug/kg	50.0	101%	76 - 129			11C7723	NUC4497-06R E1	03/31/11 19:34
Surrogate: 4-Bromofluorobenzene		48.3		ug/kg	50.0	97%	67 - 147			11C7723	NUC4497-06R E1	03/31/11 19:34
Polyaromatic Hydrocarbons by EPA 8270D												
11C6845-MSD1												
Acenaphthene	ND	1.34		mg/kg dry	1.96	68%	42 - 120	3	40	11C6845	NUC4453-01	03/30/11 11:28
Acenaphthylene	ND	1.43		mg/kg dry	1.96	73%	32 - 120	2	30	11C6845	NUC4453-01	03/30/11 11:28
Anthracene	ND	1.54		mg/kg dry	1.96	78%	10 - 200	1	50	11C6845	NUC4453-01	03/30/11 11:28
Benzo (a) anthracene	ND	1.33		mg/kg dry	1.96	68%	41 - 120	2	30	11C6845	NUC4453-01	03/30/11 11:28
Benzo (a) pyrene	ND	1.43		mg/kg dry	1.96	73%	33 - 121	2	33	11C6845	NUC4453-01	03/30/11 11:28
Benzo (b) fluoranthene	ND	1.39		mg/kg dry	1.96	71%	26 - 137	5	42	11C6845	NUC4453-01	03/30/11 11:28
Benzo (g,h,i) perylene	ND	1.35		mg/kg dry	1.96	69%	21 - 124	11	32	11C6845	NUC4453-01	03/30/11 11:28
Benzo (k) fluoranthene	ND	1.33		mg/kg dry	1.96	68%	14 - 140	4	39	11C6845	NUC4453-01	03/30/11 11:28
Chrysene	ND	1.28		mg/kg dry	1.96	66%	28 - 123	4	34	11C6845	NUC4453-01	03/30/11 11:28
Dibenz (a,h) anthracene	ND	1.38		mg/kg dry	1.96	70%	25 - 127	14	31	11C6845	NUC4453-01	03/30/11 11:28
Fluoranthene	ND	1.53		mg/kg dry	1.96	78%	38 - 120	4	35	11C6845	NUC4453-01	03/30/11 11:28
Fluorene	ND	1.37		mg/kg dry	1.96	70%	41 - 120	6	37	11C6845	NUC4453-01	03/30/11 11:28
Indeno (1,2,3-cd) pyrene	ND	1.42		mg/kg dry	1.96	73%	25 - 123	11	32	11C6845	NUC4453-01	03/30/11 11:28

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D												
11C6845-MSD1												
Naphthalene	ND	1.42		mg/kg dry	1.96	72%	25 - 120	4	42	11C6845	NUC4453-01	03/30/11 11:28
Phenanthrene	ND	1.42		mg/kg dry	1.96	72%	37 - 120	5	32	11C6845	NUC4453-01	03/30/11 11:28
Pyrene	ND	1.25		mg/kg dry	1.96	64%	29 - 125	2	40	11C6845	NUC4453-01	03/30/11 11:28
1-Methylnaphthalene	ND	1.25		mg/kg dry	1.96	64%	19 - 120	1	45	11C6845	NUC4453-01	03/30/11 11:28
2-Methylnaphthalene	ND	1.36		mg/kg dry	1.96	69%	11 - 120	1	50	11C6845	NUC4453-01	03/30/11 11:28
Surrogate: Terphenyl-d14		0.994		mg/kg dry	1.96	51%	18 - 120			11C6845	NUC4453-01	03/30/11 11:28
Surrogate: 2-Fluorobiphenyl		1.21		mg/kg dry	1.96	62%	14 - 120			11C6845	NUC4453-01	03/30/11 11:28
Surrogate: Nitrobenzene-d5		1.23		mg/kg dry	1.96	63%	17 - 120			11C6845	NUC4453-01	03/30/11 11:28

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:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

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:	NUC4497
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	03/26/11 08:25

DATA QUALIFIERS AND DEFINITIONS

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.
RL1	Reporting limit raised due to sample matrix effects.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

NUC4497
04/11/11 23:59

TestAmerica

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

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

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

Compliance Monitoring? Yes ____ No ____

Enforcement Action? Yes ____ No ____

Client Name/Account #: EEG # 2449

Address: 10179 Highway 78

City/State/Zip: Ladson, SC 29456

Site State: SC

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

PO#: 1027

Telephone Number: 843.412.2097 Fax No.: (843) 879-0401

TA Quote #:

Sampler Name: (Print) Pratt Shaw

Project ID: Laurel Bay Housing Project

Sampler Signature:

Project #:

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	Preservative: HNO_3 (Red Label)	Preservative: HCl (Blue Label) Sulfuric	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO_4 Glass (Yellow Label)	Preservative: None (Black Label)	Preservative: Other (Specify) Methanol	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify):	Analyze For: BTEX + Napth - 8260B	Analyze For: PAH - 8270D									RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
1010 Foxglove	3/21/11	1415	5	X					2				2	1					X		X	X					NUC4497-01						
1071 Heather	3/22/11	0945	5	X					2				2	1					X		X	X						02					
1068 Gardenia	3/22/11	1500	5	X					2				2	1					X		X	X						03					
1039 Iris	3/23/11	1045	5	X					2				2	1					X		X	X						04					
1100 Iris	3/23/11	1515	5	X					2				2	1					X		X	X						05					
1101 Iris	3/24/11	1115	5	X					2				2	1					X		X	X						06					
1105 Iris	3/24/11	1600	5	X					2				2	1					X		X	X						07					

Special Instructions:

Method of Shipment: FEDEX

Laboratory Comments:
Temperature Upon Receipt: 6c
VOCs Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
	3/25/11	0900	FedEx		
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
				3/26/11	0825

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	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
MCAS, BEAUFORT LAUREL BAY HOUSING BEAUFORT, SC 29907 4. Generator's Phone 843-228-6461		WMNA	00316810
		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
EEG, INC.		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	10. US EPA ID Number	G. State Facility ID
HICKORY HILL LANDFILL 2621 LOW COUNTRY ROAD RIDGELAND, SC 29936		H. State Facility Phone 843-987-4643

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. HEATING OIL TANKS FILLED WITH SAND WM Profile # 102655SC		DM	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: 2) 1124 Iris ✓ 4) 1071 Heather ✓ 6) 1039 Iris ✓
1) 1142 Iris ✓ 3) 1010 Foxglove ✓ 5) 1068 Gardenia ✓

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
Regulatory Correspondence

D H E C

PROMOTE PROTECT PROSPER

13 August 2008

Beaufort Military Complex Family Housing
ATTN: Kyle Broadfoot
1510 Laurel Bay Blvd.
Beaufort, SC 29906

Re: MCAS – Laurel Bay Housing – 1071 Heather
Site ID # 03976
UST Closure Reports received 31 January 2008
No Further Action
Beaufort County

Dear Mr. Broadfoot:

The Department has reviewed the referenced closure report. Based upon the geotechnical data in the referenced report, the soil samples are below risk based screening levels.

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 803-898-3553 (office phone), 803-898-2893 (fax) or bishopma@dhec.sc.gov.

Sincerely,

Michael Bishop, Hydrogeologist
Groundwater Quality Section
Bureau of Water

B. Thomas Knight, Manager
Groundwater Quality Section
Bureau of Water

cc: Region 8 District EQC (via pdf)
MCAS, Commanding Officer, Attention: S-4 NREAO (William Drawdy) (via pdf)
Technical File (pdf)

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

July 1, 2015

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

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

Dear Mr. Drawdy,

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

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

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

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

Sincerely,

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

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

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

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

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

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

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

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

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

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