SUMMARY REPORT
158 GARDENIA DRIVE (FORMERLY 1052 GARDENIA DRIVE)
LAUREL BAY MILITARY HOUSING AREA
MARINE CORPS AIR STATION BEAUFORT
BEAUFORT, SC

Revision: 0
Prepared for:

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

and

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

JUNE 2021

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Prepared by:

CDM - AECOM
Multimedia Joint Venture

CDM - AECOM Multimedia Joint Venture
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Contract Number: N62470-14-D-9016
CTO WE52
JUNE 2021

Table of Contents

Tables

Appendices

List of Acronyms

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

1.0 INTRODUCTION

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

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

This report summarizes the results the environmental investigation activities associated with the storage of home heating oil and the potential release of petroleum constituents at the referenced property. Based on the results of the investigation, a No Further Action (NFA) determination has been made by the South Carolina Department of Health and Environmental Control (SCDHEC) for 158 Gardenia Drive (Formerly 1052 Gardenia Drive). This NFA determination indicates that there are no unacceptable risks to human health or the environment for the petroleum constituents associated with the home heating oil USTs. The following information is included in this report:

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

1.1 Background Information

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

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

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

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

1.2 UST Removal and Assessment Process

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

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

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

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

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

2.0 SAMPLING ACTIVITIES AND RESULTS

The following section presents the sampling activities and associated results for 158 Gardenia Drive (Formerly 1052 Gardenia Drive). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 1052 Gardenia Drive* (MCAS Beaufort, 2007) and *SCDHEC UST Assessment Report – 1052 Gardenia Drive* (MCAS Beaufort, 2009). The UST Assessment Reports are provided in Appendix B. Details regarding the IGWA sampling activities at this site are provided in the *Investigation of Ground Water at Leaking Heating Oil UST Sites* (Pandey Environmental, 2008). The laboratory report that includes the pertinent IGWA analytical results for this site is presented in Appendix C.

2.1 UST Removal and Soil Sampling

On July 27, 2007 and June 1, 2009, two 280 gallon heating oil USTs were removed from the front of 158 Gardenia Drive (Formerly 1052 Gardenia Drive). The former UST locations are indicated on the figures of the UST Assessment Reports (Appendix B). The USTs were removed

and properly disposed of (i.e., shipped offsite for recycling or transported to a landfill). There was no visual evidence (i.e., staining or sheen) of petroleum impact at the time of the UST removals. According to the UST Assessment Reports (Appendix B), the depths to the bases of the USTs were 4'8" bgs (Tank 1) and 4'2" bgs (Tank 2) and a single soil sample was collected from each from those depths. An additional soil sample was collected from the side of the excavation of Tank 1, at a depth of 3'6" bgs. The samples were collected from the fill port side of the former USTs to represent a worst case scenario.

Following UST removals, a soil sample was collected from the base of each excavation and the side of the Tank 1 excavation and shipped to an offsite laboratory for analysis of the petroleum COPCs. Sampling was performed in accordance with applicable South Carolina regulation R.61-92, Part 280 (SCDHEC, 2017) and assessment guidelines.

2.2 Soil Analytical Results

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

The soil sample results were submitted by MCAS Beaufort to SCDHEC utilizing SCDHEC's UST Assessment Report form (Appendix B). The results of the soil sampling at the former UST locations 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 Tank 1 at 158 Gardenia Drive (Formerly 1052 Gardenia Drive) were greater than the SCDHEC RBSLs, which indicated further investigation was required. In a letter dated August 20, 2008, SCDHEC requested an IGWA for 158 Gardenia Drive (Formerly 1052 Gardenia Drive) to determine if the groundwater was impacted by petroleum COPCs. SCDHEC's request letter is provided in Appendix D. The soil results collected from Tank 2 at 158 Gardenia Drive (Formerly 1052 Gardenia Drive) were less than the SCDHEC RBSLs, which indicated that the soil was not impacted by COPCs associated with the former UST at concentrations that present a potential risk to human health and the environment.

2.3 Groundwater Sampling

On July 25 and July 28, 2008, three temporary monitoring wells were installed at 158 Gardenia Drive (Formerly 1052 Gardenia Drive), in accordance with the South Carolina Well Standards

and Regulations (R.61-71.H-I, updated June 24, 2016). In order to provide data that can be used to determine whether COPCs are migrating to underlying groundwater, the monitoring well was placed in the same general location as the former heating oil UST (Tank 1). The former UST location is indicated on the figures of the UST Assessment Report (Appendix B). Further details are provided in the *Investigation of Ground Water at Leaking Heating Oil UST Sites* (Pandey Environmental, 2008).

The sampling strategy for this phase of the investigation required a one-time sampling event of the temporarily installed monitoring wells. Following well installation, groundwater samples were collected using grab methods and shipped to an offsite laboratory for analysis of the petroleum COPCs. Upon completion of groundwater sampling, the temporary wells were abandoned in accordance with the South Carolina Well Standards and Regulations R.61-71 (SCDHEC, 2016). Field forms are provided in the *Investigation of Ground Water at Leaking Heating Oil UST Sites* (Pandey Environmental, 2008).

2.4 Groundwater Analytical Results

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

The groundwater results collected from 158 Gardenia Drive (Formerly 1052 Gardenia Drive) were less than the SCDHEC RBSLs and the site specific groundwater VISLs (Table 2), which indicated that the groundwater was not impacted by COPCs associated with the former UST (Tank 1) at concentrations that present a potential risk to human health and the environment.

3.0 PROPERTY STATUS

Based on the analytical results for groundwater for Tank 1 and soil for Tank 2, SCDHEC made the determination that NFA was required for 158 Gardenia Drive (Formerly 1052 Gardenia Drive). These NFA determinations were obtained in letters dated December 18, 2008 (Tank 1) and August 19, 2009 (Tank 2). SCDHEC's NFA letters are provided in Appendix D.

4.0 REFERENCES

Marine Corps Air Station Beaufort, 2008. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 1052 Gardenia Drive, Laurel Bay Military Housing Area*, December 2008.

Marine Corps Air Station Beaufort, 2009. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 1052 Gardenia Drive, Laurel Bay Military Housing Area*, August 2009.

PANDEY Environmental, 2008. *Investigation of Ground Water at Leaking Heating Oil UST Sites Report for Laurel Bay Military Housing Area, Multiple Properties, Laurel Bay Military Housing Area, Marine Corps Air Station Beaufort, Beaufort, South Carolina*, November 2008.

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

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

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

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

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

South Carolina Department of Health and Environmental Control Bureau of Water, 2016. *R.61-71, Well Standards*, June 2016.

Tables

Table 1
Laboratory Analytical Results - Soil
158 Gardenia Drive (Formerly 1052 Gardenia Drive)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs [1]	Results Samples Collected 07/27/2007 and 06/01/09		
		1052 Gardenia Bottom 01 - 7/27/2007	1052 Gardenia Side 02 - 7/27/2007	1052 Gardenia - 6/1/2009
Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)				
Benzene	0.003	**0.156**	**0.000131**	ND
Ethylbenzene	1.15	**5.15**	**0.00295**	ND
Naphthalene	0.036	**29.6**	**0.021**	**0.00895**
Toluene	0.627	**0.0677**	**0.00218**	ND
Xylenes, Total	13.01	**8.19**	**0.0049**	ND
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (mg/kg)				
Benzo(a)anthracene	0.66	**2.54**	**0.0264**	ND
Benzo(b)fluoranthene	0.66	**1.48**	ND	ND
Benzo(k)fluoranthene	0.66	**0.416**	ND	ND
Chrysene	0.66	**1.93**	ND	ND
Dibenz(a,h)anthracene	0.66	**0.0995**	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 and 1.1 (SCDHEC, May 2001 and SCDHEC, February 2011) and the Underground Storage Tank Assessment Guidelines (SCDHEC, February 2006).

Bold font indicates the analyte was detected.

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

EPA - United States Environmental Protection Agency

mg/kg - milligrams per kilogram

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

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

Table 2
Laboratory Analytical Results - Groundwater
158 Gardenia Drive (Formerly 1052 Gardenia Drive)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs [1]	Site-Specific Groundwater VISLs (µg/L)[2]	Results Sample Collected 07/25/08 and 07/28/08		
			1052 Gardenia A 07/28/08	1052 Gardenia B 07/28/08	1052 Gardenia C 07/25/08
Volatile Organic Compounds Analyzed by EPA Method 8260B (µg/L)					
Benzene	5	16.24	ND	ND	ND
Ethylbenzene	700	45.95	ND	ND	ND
Naphthalene	25	29.33	ND	ND	ND
Toluene	1,000	105,445	ND	ND	ND
Xylenes, Total	10,000	2,133	ND	ND	ND
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (µg/L)					
Benzo(a)anthracene	10	NA	ND	ND	ND
Benzo(b)fluoranthene	10	NA	ND	ND	ND
Benzo(k)fluoranthene	10	NA	ND	ND	ND
Chrysene	10	NA	ND	ND	ND
Dibenz(a,h)anthracene	10	NA	ND	ND	ND

Notes:

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

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

Bold font indicates the analyte was detected.

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

EPA - United States Environmental Protection Agency

JE - Johnson & Ettinger

NA- not applicable

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

RBSL - Risk-Based Screening Level

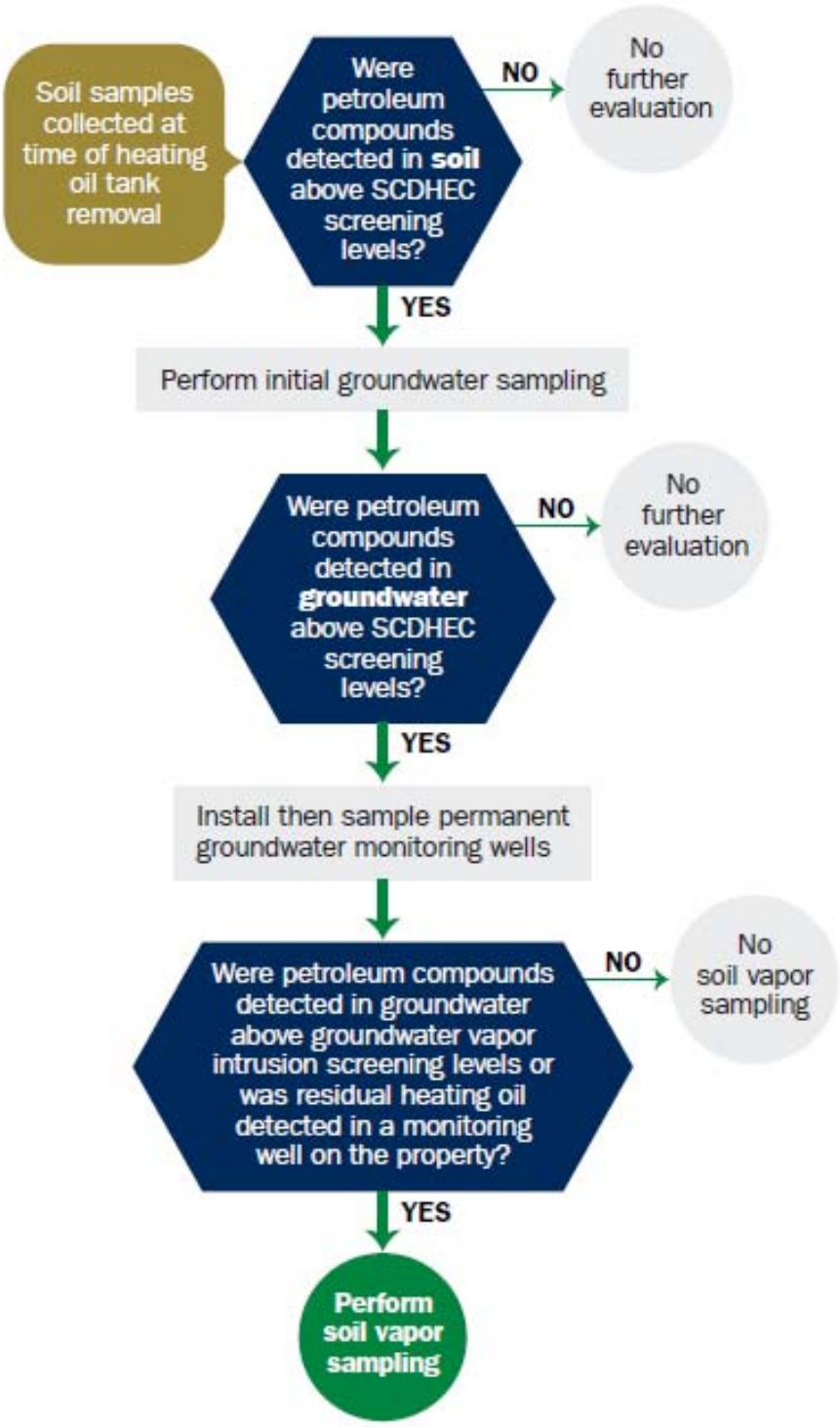
SCDHEC - South Carolina Department Of Health and Environmental Control

µg/L - micrograms per liter

VISL - Vapor Intrusion Screening Level

Appendix A
Multi-Media Selection Process for LBMH

CDM - AECOM
Multimedia Joint Venture



Appendix A - Multi-Media Selection Process for LBMH

Appendix B
UST Assessment Reports

CDM - AECOM
Multimedia Joint Venture

Attachment 1

South Carolina Department of Health and Environmental Control (SCDHEC)

Underground Storage Tank (UST) Assessment Report

Date Received

State Use Only

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

I. OWNERSHIP OF UST (S)

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

1510 Laurel Bay Blvd.
Mailing Address

Beaufort
City

SC
State

29906
Zip Code

843
Area Code

379-3305
Telephone Number

Kyle Broadfoot
Contact Person

II. SITE IDENTIFICATION AND LOCATION

N/A
Permit I.D. #

Actus Lend Lease Construction
Facility Name or Company Site Identifier

1052 Gardenia
Street Address or State Road (as applicable)

Beaufort, SC 29906
City ZIP

Beaufort
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)

otary Public for the state of_____
ease affix State seal if you are commissioned outside South Carolina

V. [illegible]T INFORMATION

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5	Tank 6
A. Product...(ex. Gas, Kerosene).....	#2 DIESEL					
B. Capacity..(ex. 1k, 2k)..... (APPROX.)	350g.					
C. Age.....						
D. Construction Material..(ex. Steel, FRP).....	Steel					
E. Month/Year of Last Use.....						
F. Depth (ft.) To Base of Tank.....	56"					
G. Spill Prevention Equipment Y/N.....	N					
H. Overfill Prevention Equipment Y/N.....	N					
I. Method of Closure (Removed/Filled).....	Removed					
J. Date Tanks Removed/Filled.....	7-27-01					
K. Visible Corrosion or Pitting Y/N.....	N					
L. Visible Holes Y/N.....	N					

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

Recycling - Scrap Steel

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

TREATMENT FACILITY BROADHURST LANDFILL
Solidification & SUBTITLE D LANDFILL

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

VI. PIPING INFORMATION

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

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

VII. BRIEF SITE DESCRIPTION AND HISTORY

Home Heating Oil Tank - Residential

VIII. SITE CO_ _ITIONS

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

IX. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number DW: 84009002

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA #
					7-27-07	B WALKER	
1	BOTTOM	S	SAND	56"	845	[illegible]	ND
2	SIDE	S	SAND	42"	845	[illegible]	ND
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

* = Depth Below the Surrounding Land Surface

X. SAMPLING METHODOLOGY

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

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

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

XI. RECEPTORS

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

SUMMARY OF ANALYSIS RESULTS N/A

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

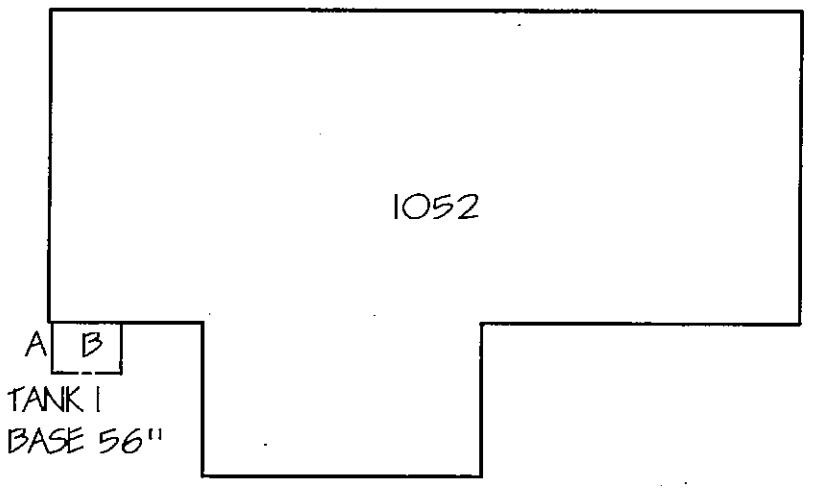
CoC	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8
Benzene								
Toluene								
Ethylbenzene								
Xylenes								
Naphthalene								
Benzo(a)anthracene								
Benzo(b)flouranthene								
Benzo(k)flouranthene								
Chrysene								
Dibenz(a,h)anthracene								
TPH (EPA 3550)								

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

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

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

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



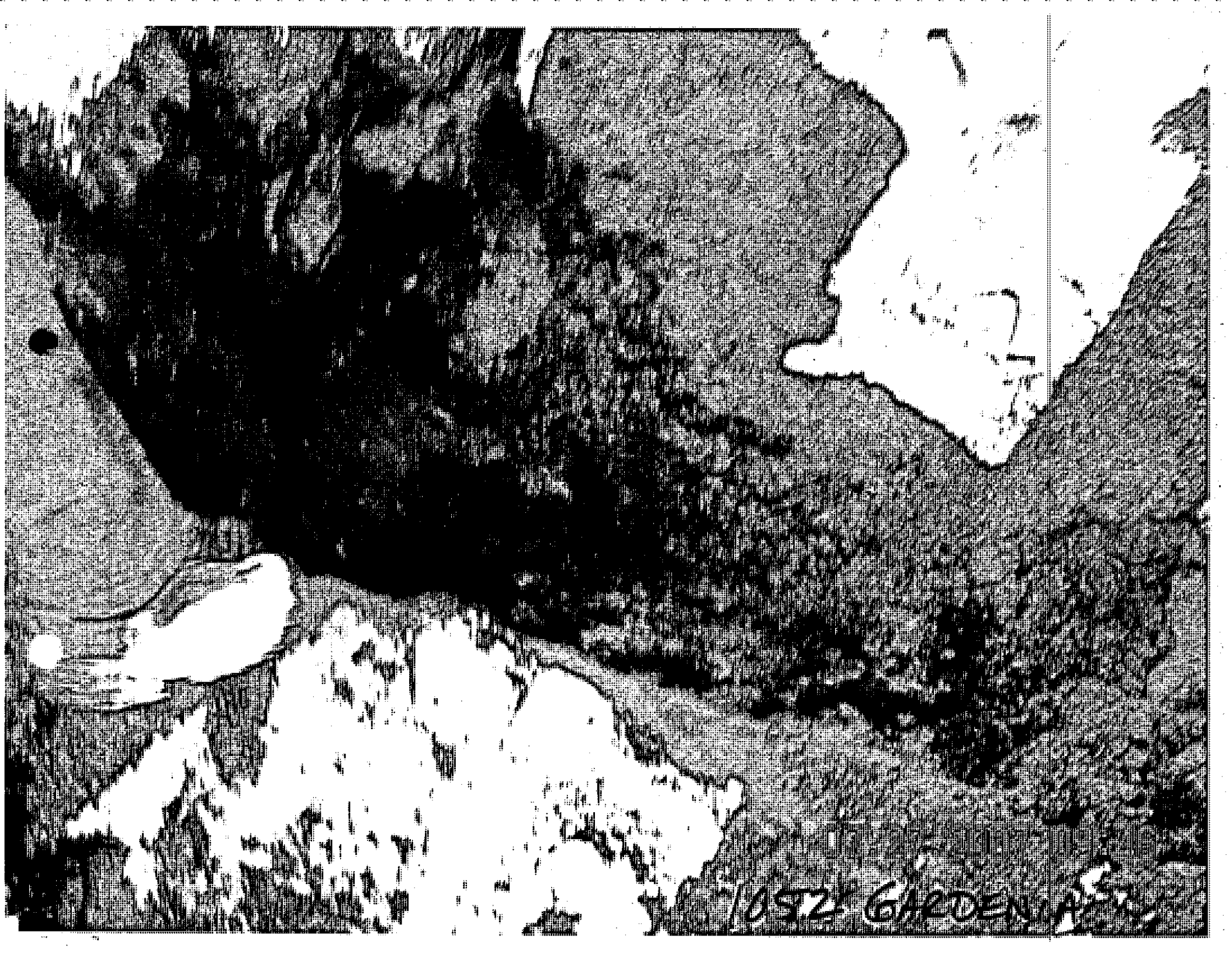
GARDENIA DRIVE

N

TANK 1 EXCAVATION

A-SOIL TEST SIDE SAMPLE @ 42"
B-SOIL TEST BOTTOM SAMPLE @ 56"

CUSTOMER: BEAUFORT MILITARY COMPLEX FAMILY HOUSING	SCALE: 1/16"=1'-0"	EPG INC.
SITE ADDRESS: 1052 GARDENIA DRIVE	SUPPLIER: EPG INC.	P.O. BOX 1096
	DATE: 9/22/2007	MOUNT PLEASANT, SC 29465-1096


USZI GARDEN

08/27/2007 09:46

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: OQH0044
Project: LAUREL BAY
Project Number: EP2362

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

LABORATORY REPORT

Sample ID: 1150 IRIS SIDE 02 - Lab Number: OQH0044-14 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	Acenaphthene	84.5	U	ug/kg dry	84.5	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
208-96-8	Acenaphthylene	111	U	ug/kg dry	111	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
120-12-7	Anthracene	60.8	U	ug/kg dry	60.8	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
56-55-3	Benzo (a) anthracene	20.6	U	ug/kg dry	20.6	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
205-99-2	Benzo (b) fluoranthene	20.1	U	ug/kg dry	20.1	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
207-08-9	Benzo (k) fluoranthene	20.1	U	ug/kg dry	20.1	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
191-24-2	Benzo (g,h,i) perylene	19.8	U	ug/kg dry	19.8	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
50-32-8	Benzo (a) pyrene	23.5	U	ug/kg dry	23.5	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
90-12-0	1-Methylnaphthalene	95.7	U	ug/kg dry	95.7	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
218-01-9	Chrysene	22.8	U	ug/kg dry	22.8	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
53-70-3	Dibenz (a,h) anthracene	25.0	U	ug/kg dry	25.0	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
206-44-0	Fluoranthene	27.4	U	ug/kg dry	27.4	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
86-73-7	Fluorene	74.6	U	ug/kg dry	74.6	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
193-39-5	Indeno (1,2,3-cd) pyrene	24.7	U	ug/kg dry	24.7	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
91-57-6	2-Methylnaphthalene	81.3	U	ug/kg dry	81.3	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
91-20-3	Naphthalene	76.5	U	ug/kg dry	76.5	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
85-01-8	Phenanthrene	45.0	U	ug/kg dry	45.0	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
129-00-0	Pyrene	38.7	U	ug/kg dry	38.7	191	1	08/10/07 11:30	REM	EPA 8270C	7H06004
Surrogate: 2-Fluorobiphenyl (24-121%)		*70 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*66 %*									
Surrogate: Terphenyl-d14 (44-171%)		*109 %*									

LABORATORY REPORT

Sample ID: 1052 GARDENA BOTTOM 01 - Lab Number: OQH0044-15 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**75.4**		%.	0.100	0.100	1	08/03/07 17:20	RRP	EPA 160.3	7H03058
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	**Benzene**	**156**		ug/kg dry	7.46	20.4	50	08/04/07 13:19	JWT	EPA 8260B	7H03050
100-41-4	**Ethylbenzene**	**5150**		ug/kg dry	8.63	20.4	50	08/04/07 13:19	JWT	EPA 8260B	7H03050
91-20-3	**Naphthalene**	**29600**		ug/kg dry	113	204	500	08/04/07 15:40	JWT	EPA 8260B	7H03050
108-88-3	**Toluene**	**67.7**		ug/kg dry	17.6	20.4	50	08/04/07 13:19	JWT	EPA 8260B	7H03050
1330-20-7	**Xylenes, total**	**8190**		ug/kg dry	10.6	20.4	50	08/04/07 13:19	JWT	EPA 8260B	7H03050
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*98 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*86 %*									
Surrogate: Dibromofluoromethane (55-145%)		*96 %*									
Surrogate: Toluene-d8 (80-117%)		*100 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	**Acenaphthene**	**3940**		ug/kg dry	98.2	222	1	08/10/07 11:52	REM	EPA 8270C	7H06004
208-96-8	Acenaphthylene	130	U	ug/kg dry	130	222	1	08/10/07 11:52	REM	EPA 8270C	7H06004
120-12-7	**Anthracene**	**3500**		ug/kg dry	70.6	222	1	08/10/07 11:52	REM	EPA 8270C	7H06004
56-55-3	**Benzo (a) anthracene**	**2540**		ug/kg dry	24.0	222	1	08/10/07 11:52	REM	EPA 8270C	7H06004

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

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

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

LABORATORY REPORT
Sample ID: 1052 GARDENA BOTTOM 01 - Lab Number: OQH0044-15 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Polynuclear Aromatic Hydrocarbons by EPA Method 8270 - Cont.											
205-99-2	**Benzo (b) fluoranthene**	**1480**		ug/kg dry	23.3	222	1	08/10/07 11:52	REM	EPA 8270C	7H06004
207-08-9	**Benzo (k) fluoranthene**	**416**		ug/kg dry	23.3	222	1	08/10/07 11:52	REM	EPA 8270C	7H06004
191-24-2	**Benzo (g,h,i) perylene**	**214**	I	ug/kg dry	23.0	222	1	08/10/07 11:52	REM	EPA 8270C	7H06004
50-32-8	**Benzo (a) pyrene**	**851**		ug/kg dry	27.3	222	1	08/10/07 11:52	REM	EPA 8270C	7H06004
90-12-0	**1-Methylnaphthalene**	**52600**		ug/kg dry	1110	2220	10	08/10/07 14:06	REM	EPA 8270C	7H06004
218-01-9	**Chrysene**	**1930**		ug/kg dry	26.5	222	1	08/10/07 11:52	REM	EPA 8270C	7H06004
53-70-3	**Dibenz (a,b) anthracene**	**99.5**	I	ug/kg dry	29.1	222	1	08/10/07 11:52	REM	EPA 8270C	7H06004
206-44-0	**Fluoranthene**	**7880**		ug/kg dry	31.9	222	1	08/10/07 11:52	REM	EPA 8270C	7H06004
86-73-7	**Fluorene**	**4720**		ug/kg dry	86.7	222	1	08/10/07 11:52	REM	EPA 8270C	7H06004
193-39-5	**Indeno (1,2,3-cd) pyrene**	**241**		ug/kg dry	28.7	222	1	08/10/07 11:52	REM	EPA 8270C	7H06004
91-57-6	**2-Methylnaphthalene**	**91600**		ug/kg dry	944	2220	10	08/10/07 14:06	REM	EPA 8270C	7H06004
91-20-3	**Naphthalene**	**14300**		ug/kg dry	890	2220	10	08/10/07 14:06	REM	EPA 8270C	7H06004
85-01-8	**Phenanthrene**	**18400**		ug/kg dry	522	2220	10	08/10/07 14:06	REM	EPA 8270C	7H06004
129-00-0	**Pyrene**	**5960**		ug/kg dry	45.0	222	1	08/10/07 11:52	REM	EPA 8270C	7H06004
Surrogate: 2-Fluorobiphenyl (24-121%)		*87 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*91 %*									
Surrogate: Terphenyl-d14 (44-171%)		*101 %*									

LABORATORY REPORT
Sample ID: 1052 GARDENA SIDE 02 - Lab Number: OQH0044-16 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**82.0**		%.	0.100	0.100	1	08/03/07 17:20	RRP	EPA 160.3	7H03059
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	**Benzene**	**0.131**	I	ug/kg dry	0.104	0.285	1	08/04/07 00:58	JWT	EPA 8260B	7H03050
00-41-4	**Ethylbenzene**	**2.95**		ug/kg dry	0.121	0.285	1	08/04/07 00:58	JWT	EPA 8260B	7H03050
91-20-3	**Naphthalene**	**21.0**		ug/kg dry	0.158	0.285	1	08/04/07 00:58	JWT	EPA 8260B	7H03050
08-88-3	**Toluene**	**2.18**		ug/kg dry	0.247	0.285	1	08/04/07 00:58	JWT	EPA 8260B	7H03050
330-20-7	**Xylenes, total**	**4.92**		ug/kg dry	0.148	0.285	1	08/04/07 00:58	JWT	EPA 8260B	7H03050
urrogate: 1,2-Dichloroethane-d4 (73-137%)		*116 %*									
urrogate: 4-Bromofluorobenzene (59-118%)		*92 %*									
urrogate: Dibromofluoromethane (55-145%)		*104 %*									
urrogate: Toluene-d8 (80-117%)		*101 %*									
olynuclear Aromatic Hydrocarbons by EPA Method 8270											
3-32-9	Acenaphthene	90.2	U	ug/kg dry	90.2	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004
08-96-8	Acenaphthylene	119	U	ug/kg dry	119	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004
20-12-7	Anthracene	64.9	U	ug/kg dry	64.9	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004
6-55-3	Benzo (a) anthracene	26.4	I	ug/kg dry	22.0	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004
05-99-2	Benzo (b) fluoranthene	21.4	U	ug/kg dry	21.4	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004
07-08-9	Benzo (k) fluoranthene	21.4	U	ug/kg dry	21.4	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004
91-24-2	Benzo (g,h,i) perylene	21.1	U	ug/kg dry	21.1	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004

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

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

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

LABORATORY REPORT
Sample ID: 1052 GARDENA SIDE 02 - Lab Number: OQH0044-16 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Polynuclear Aromatic Hydrocarbons by EPA Method 8270 - Cont.											
50-32-8	Benzo (a) pyrene	25.1	U	ug/kg dry	25.1	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004
90-12-0	1-Methylnaphthalene	102	U	ug/kg dry	102	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004
218-01-9	Chrysene	24.4	U	ug/kg dry	24.4	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004
53-70-3	Dibenz (a,h) anthracene	26.7	U	ug/kg dry	26.7	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004
206-44-0	Fluoranthene	29.3	U	ug/kg dry	29.3	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004
86-73-7	Fluorene	79.7	U	ug/kg dry	79.7	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004
193-39-5	Indeno (1,2,3-cd) pyrene	26.4	U	ug/kg dry	26.4	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004
91-57-6	2-Methylnaphthalene	86.8	U	ug/kg dry	86.8	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004
91-20-3	Naphthalene	81.8	U	ug/kg dry	81.8	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004
85-01-8	Phenanthrene	48.0	U	ug/kg dry	48.0	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004
129-00-0	Pyrene	41.4	U	ug/kg dry	41.4	204	1	08/10/07 12:14	REM	EPA 8270C	7H06004
Surrogate: 2-Fluorobiphenyl (24-121%)		*59 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*54 %*									
Surrogate: Terphenyl-d14 (44-171%)		*116 %*									

LABORATORY REPORT
Sample ID: 1056 GARDENA BOTTOM 01 - Lab Number: OQH0044-17 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**83.8**		%.	0.100	0.100	1	08/03/07 17:20	RRP	EPA 160.3	7H03059
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	**Benzene**	**0.317**		ug/kg dry	0.0922	0.252	1	08/04/07 01:15	JWT	EPA 8260B	7H03050
100-41-4	**Ethylbenzene**	**24.1**		ug/kg dry	0.107	0.252	1	08/04/07 01:15	JWT	EPA 8260B	7H03050
91-20-3	**Naphthalene**	**766**		ug/kg dry	7.20	13.0	50	08/04/07 15:06	JWT	EPA 8260B	7H03050
108-88-3	**Toluene**	0.448		ug/kg dry	0.218	0.252	1	08/04/07 01:15	JWT	EPA 8260B	7H03050
1330-20-7	**Xylenes, total**	**3.36**		ug/kg dry	0.131	0.252	1	08/04/07 01:15	JWT	EPA 8260B	7H03050
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*123 %*									
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*103 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*72 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*115 %*									
Surrogate: Dibromofluoromethane (55-145%)		*107 %*									
Surrogate: Dibromofluoromethane (55-145%)		*98 %*									
Surrogate: Toluene-d8 (80-117%)		*89 %*									
Surrogate: Toluene-d8 (80-117%)		*97 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	**Acenaphthene**	**136**	I	ug/kg dry	88.3	199	1	08/10/07 12:37	REM	EPA 8270C	7H06004
208-96-8	Acenaphthylene	116	U	ug/kg dry	116	199	1	08/10/07 12:37	REM	EPA 8270C	7H06004
120-12-7	**Anthracene**	**201**		ug/kg dry	63.5	199	1	08/10/07 12:37	REM	EPA 8270C	7H06004
56-55-3	**Benzo (a) anthracene**	**471**		ug/kg dry	21.6	199	1	08/10/07 12:37	REM	EPA 8270C	7H06004
205-99-2	**Benzo (b) fluoranthene**	**499**		ug/kg dry	21.0	199	1	08/10/07 12:37	REM	EPA 8270C	7H06004
207-08-9	**Benzo (k) fluoranthene**	**239**		ug/kg dry	21.0	199	1	08/10/07 12:37	REM	EPA 8270C	7H06004
191-24-2	**Benzo (g,h,i) perylene**	**138**	I	ug/kg dry	20.7	199	1	08/10/07 12:37	REM	EPA 8270C	7H06004

DQH0044 page 1 of 3

TestAmerica
ANALYTICAL TESTING CORPORATION

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

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

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

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

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	
1124 IRIS BOTTOM 01	7-24-07	1010	G							~	2	2	X	X	01
1124 IRIS SIDE 02	7-24-07	1010	C							1	2	2	X	X	02
1130 IRIS BOTTOM 01	7-24-07	1315	G							1	2	2	X	X	03
1130 IRIS SIDE 02	7-24-07	1320	C							1	2	2	X	X	04
1140 IRIS BOTTOM 01	7-25-07	930	G							1	2	2	X	X	05
1140 IRIS SIDE 02	7-25	930	C							1	2	2	X	X	06
1140 IRIS BOTTOM 03	7-25	940	G							1	2	2	X	X	07
1140 IRIS SIDE 04	7-25	940	C							1	2	2	X	X	08
1142 IRIS BOTTOM 01	7-25	1450	G							1	2	2	X	X	09
1142 IRIS SIDE 02	7-25	1440	C							1	2	2	X	X	10

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

REMARKS

Special Instructions:

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

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 6.0 °C
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
8623 2591 1725
Method of Shipment: Fed Ex TA-Orlando

TestAmerica
ANALYTICAL TESTING CORPORATION

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

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

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

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

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: BTEX+NAPTH 8260	PAH 8270										QC Deliverables: ___ None, X Level 2 (Batch QC), ___ Level 3, ___ Level 4, Other: ___	REMARKS	
1146 IRIS BOTTOM 01	7-26-07	930	G							1	2	2	X	X											11
1146 IRIS SIDE 02	7-26	940	C							1	2	2	X	X											12
1150 IRIS BOTTOM 01	7-26	1405	G							1	2	2	X	X											13
1150 IRIS SIDE 02	7-26	1405	C							1	2	2	X	X											14
1052 GARDENA BOTTOM 01	7-27-07	845	G							1	2	2	X	X											15
1052 GARDENA SIDE 02	7-27-07	845	C							1	2	2	X	X											16
1056 GARDENA BOTTOM 01	"	1200	G							1	2	2	X	X											17
1056 GARDENA SIDE 02		1200	C							1	2	2	X	X											18
1056 GARDENA BOTTOM 03		1220	G							1	2	2	X	X											19
1056 GARDENA SIDE 04	↓	1220	C							1	2	2	X	X											20

Special Instructions:

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

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

TestAmerica
ANALYTICAL TESTING CORPORATION

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

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

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

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

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

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

REMARKS

Special Instructions:
CHRIS ECHEVARRIA

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

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

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

1052 Gardenia 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).....	1052Gardenia				
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.....	6/1/09				
L.	Visible Holes Y/N.....	Yes				
		Yes				

M. Method of disposal for any USTs removed from the ground (attach disposal manifests)
UST 1052Gardenia 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 1052Gardenia 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 on the entire surface of the tank.

VII. PIPING INFORMATION

		1052Gardenia				
A.	Construction Material..(ex. Steel, FRP).....	Steel & Copper				
B.	Distance from UST to Dispenser.....	N/A				
C.	Number of Dispensers.....	N/A				
D.	Type of System Pressure or Suction.....	Suction				
E.	Was Piping Removed from the Ground? Y/N	*Yes				
F.	Visible Corrosion or Pitting Y/N.....	No				
G.	Visible Holes Y/N.....	No				
H.	Age.....	Late 1950s				

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

Corrosion and pitting were found on the surface of the steel vent pipe. The copper supply and return lines were sound. *All piping was abandoned in place.

VIII. BRIEF SITE DESCRIPTION AND HISTORY

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

IX. SITE CONDITIONS

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

X. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number 96012001

B

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA #
1052 Gardenia	Excav at fill end	Soil	Sandy	4'2"	6/1/09 1210 hrs	P. Shaw	
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

* = Depth Below the Surrounding Land Surface

XI. SAMPLING METHODOLOGY

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

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

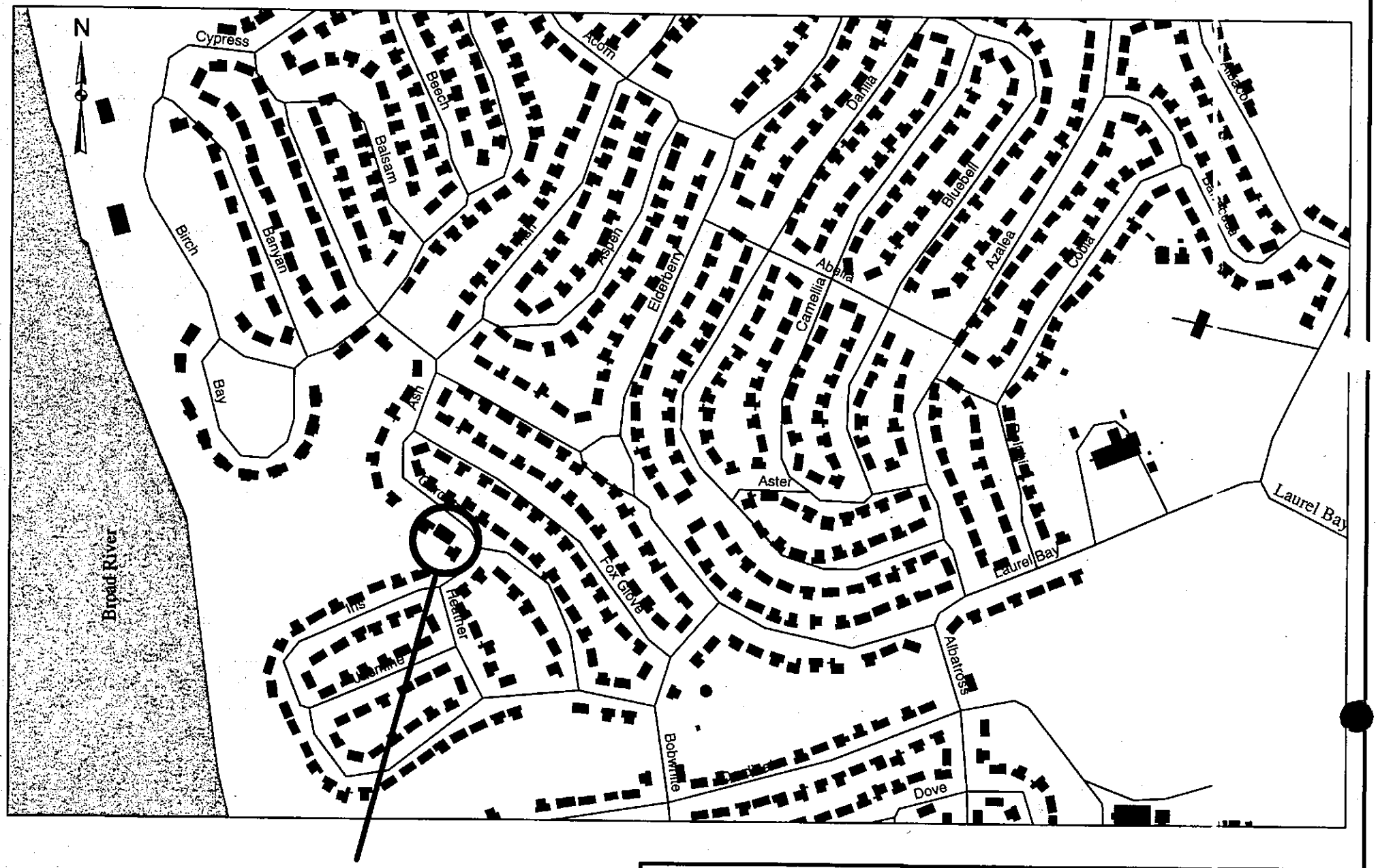
XII. RECEPTORS

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

XIII. SITE MAP

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

(Attach Site Map Here)



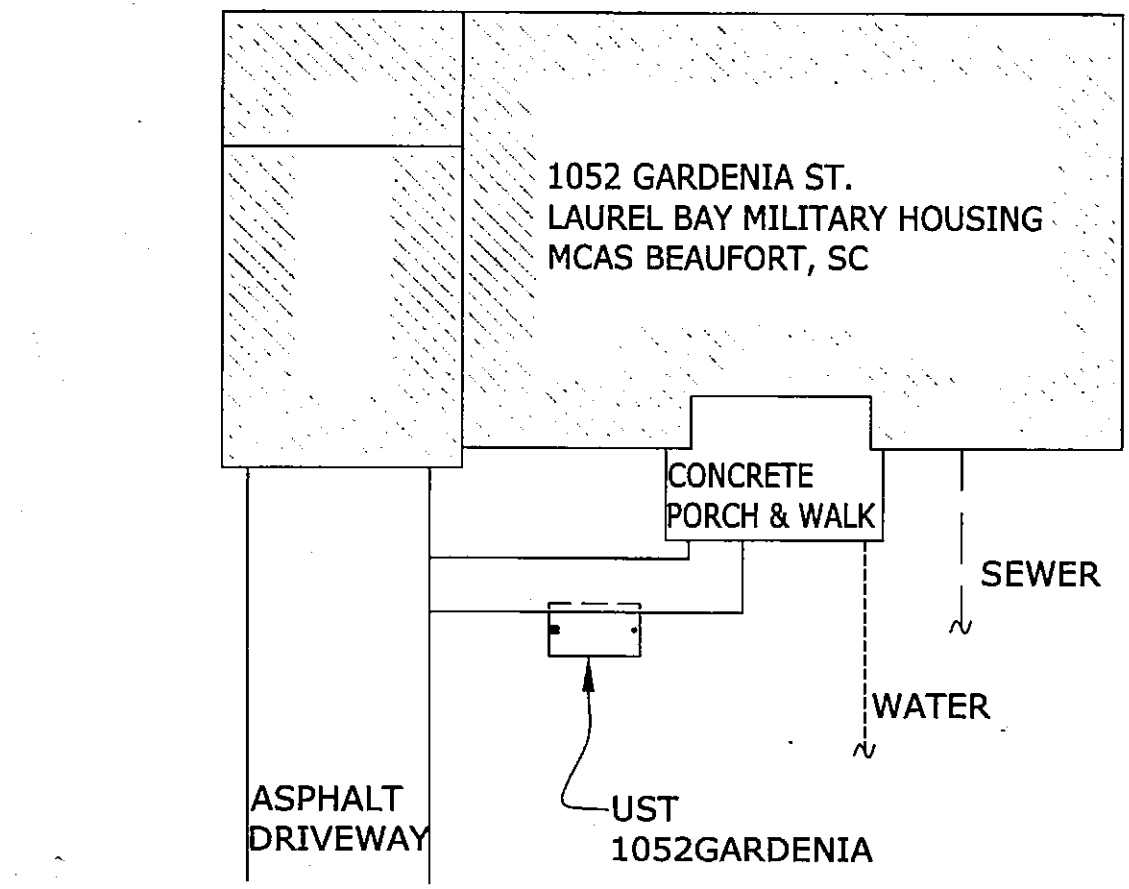
SBG-EEG, Inc.
Small Business Group, Inc.
10179 Hwy 78
Ladson, SC 29456
Ph. (843) 879-0400

Drawn By: L. DiAsio

Dwg Date: June 2009

FIGURE 1: LOCATION MAP
1052 GARDENIA ST., LAUREL BAY
MCAS BEAUFORT SC

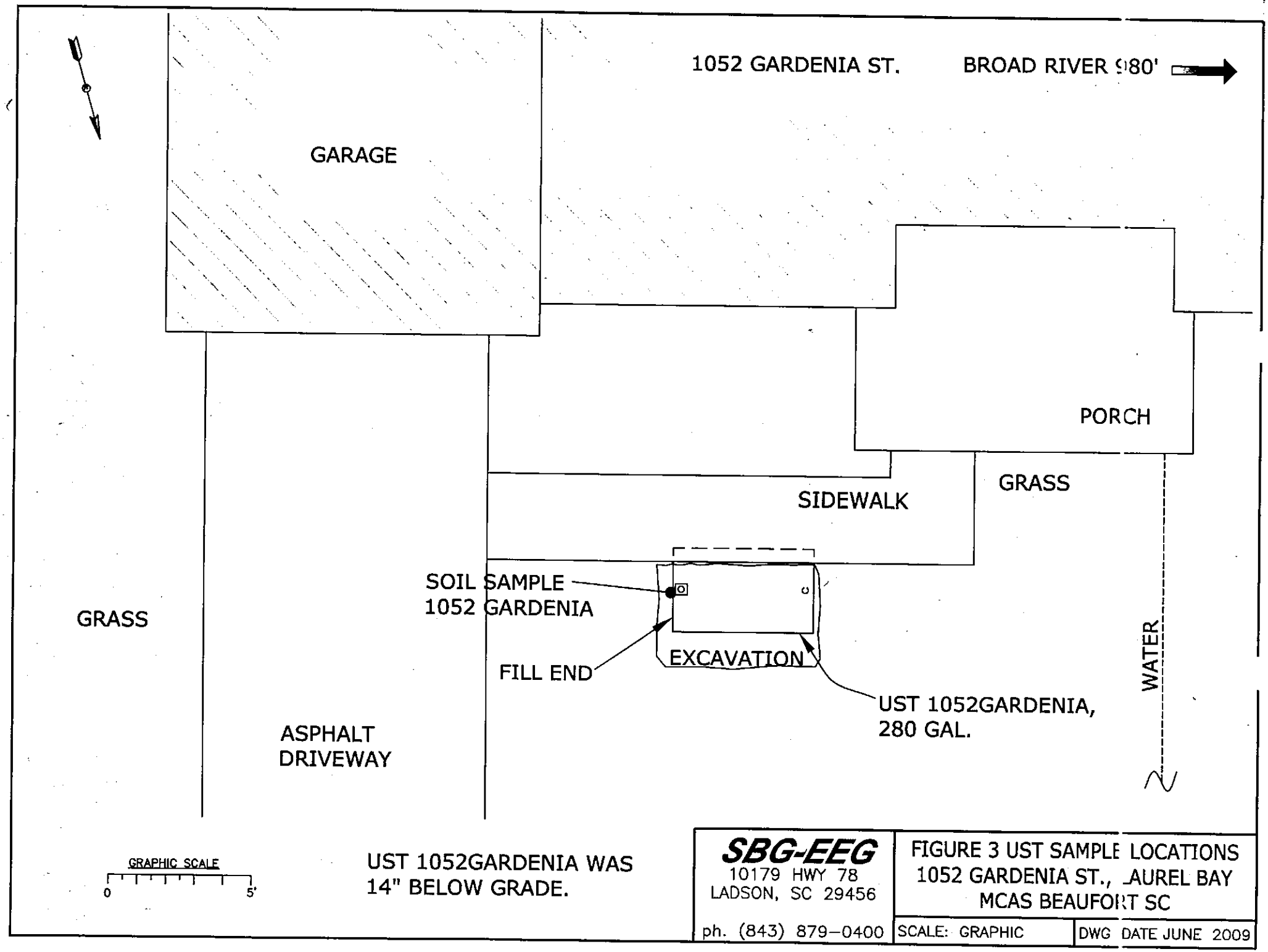
BROAD RIVER 980'



GRAPHIC SCALE

0 5' 10' 20'

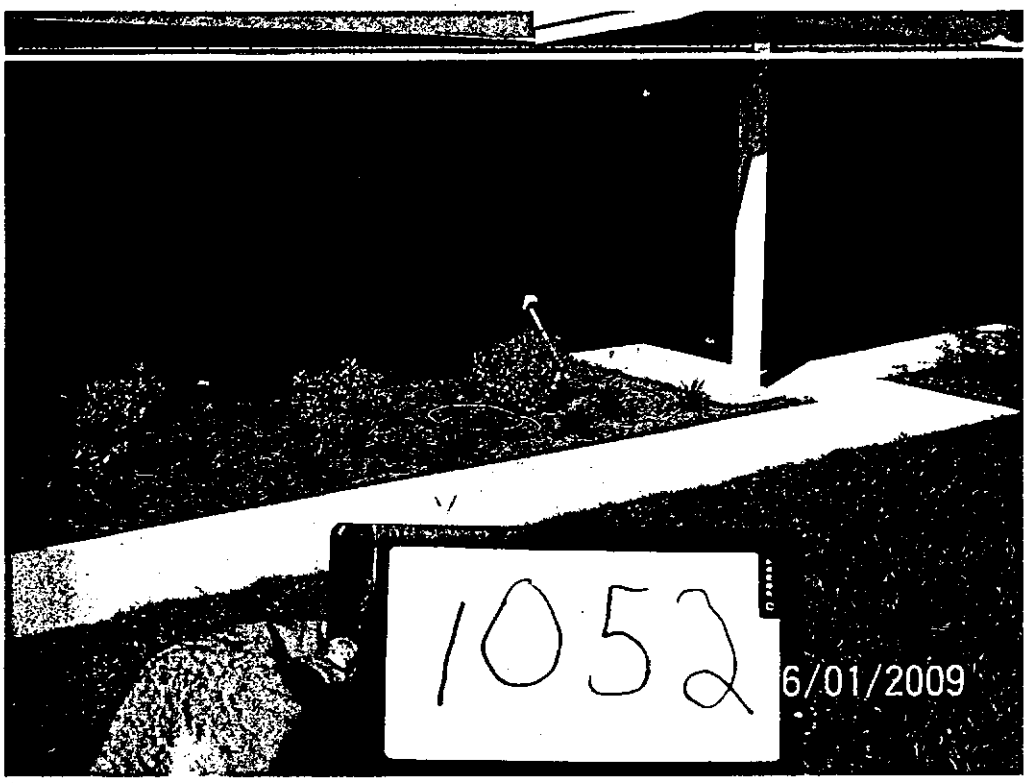
SBG-EEG 10179 HWY 78 LADSON, SC 29456 ph. (843) 879-0400	FIGURE 2 SITE MAP 1052 GARDENIA ST., LAUREL BAY MCAS BEAUFORT SC	
	SCALE: GRAPHIC	DWG DATE JUNE 2009



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

FIGURE 3 UST SAMPLE LOCATIONS
1052 GARDENIA ST., LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC | DWG DATE JUNE 2009



Picture 1: UST 1052Gardenia was located just above the tablet.

Picture 2: UST 1052Gardenia during removal.

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 1052 Gardenia							
Benzene	ND						
Toluene	ND						
Ethylbenzene	ND						
Xylenes	ND						
Naphthalene	0.00895 mg/kg						
Benzo (a) anthracene	ND						
Benzo (b) fluoranthene	ND						
Benzo (k) fluoranthene	ND						
Chrysene	ND						
Dibenz (a, h) anthracene	ND						
TPH (EPA 3550)							

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

SUMMARY OF ANALYSIS RESULTS (cont'd)

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

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

XV. ANALYTICAL RESULTS

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

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

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

June 19, 2009 6:33:24PM

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

Work Order: NSF0579
Project Name: Laurel Bay Housing Project
Project Nbr: [none]
P/O Nbr: 0829
Date Received: 06/05/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
1050 Gardenia	NSF0579-01	06/01/09 09:45
1052 Gardenia	NSF0579-02	06/01/09 12:10
1053 Gardenia	NSF0579-03	06/02/09 12:00
1055 Gardenia	NSF0579-04	06/02/09 14:45
1059 Gardenia-1	NSF0579-05	06/03/09 11:15
1059 Gardenia-2	NSF0579-06	06/03/09 14:00
1058 Gardenia-1	NSF0579-07	06/03/09 11:05
1058 Gardenia-2	NSF0579-08	06/03/09 14:15

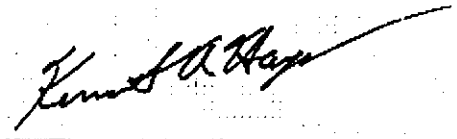
An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed,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

South Carolina Certification Number: 84009001

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

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

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:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF0579-01 (1050 Gardenia - Soil) Sampled: 06/01/09 09:45								
General Chemistry Parameters								
% Dry Solids	84.6		%	0.500	1	06/17/09 09:02	SW-846	9062596
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00263	1	06/11/09 17:10	SW846 8260B	9061083
Ethylbenzene	ND		mg/kg dry	0.00263	1	06/11/09 17:10	SW846 8260B	9061083
Naphthalene	ND		mg/kg dry	0.00657	1	06/11/09 17:10	SW846 8260B	9061083
Toluene	ND		mg/kg dry	0.00263	1	06/11/09 17:10	SW846 8260B	9061083
Xylenes, total	ND		mg/kg dry	0.00657	1	06/11/09 17:10	SW846 8260B	9061083
Surr: 1,2-Dichloroethane-d4 (67-138%)	*94 %*					*06/11/09 17:10*	*SW846 8260B*	*9061083*
Surr: Dibromofluoromethane (75-125%)	*95 %*					*06/11/09 17:10*	*SW846 8260B*	*9061083*
Surr: Toluene-d8 (76-129%)	*105 %*					*06/11/09 17:10*	*SW846 8260B*	*9061083*
Surr: 4-Bromofluorobenzene (67-147%)	*105 %*					*06/11/09 17:10*	*SW846 8260B*	*9061083*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
Acenaphthylene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
Anthracene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
Benzo (a) anthracene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
Benzo (a) pyrene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
Benzo (b) fluoranthene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
Benzo (k) fluoranthene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
Chrysene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
Fluoranthene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
Fluorene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
Naphthalene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
Phenanthrene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
Pyrene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
1-Methylnaphthalene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
2-Methylnaphthalene	ND		mg/kg dry	0.0778	1	06/16/09 17:35	SW846 8270D	9061227
Surr: Terphenyl-d14 (18-120%)	*85 %*					*06/16/09 17:35*	*SW846 8270D*	*9061227*
Surr: 2-Fluorobiphenyl (14-120%)	*71 %*					*06/16/09 17:35*	*SW846 8270D*	*9061227*
Surr: Nitrobenzene-d5 (17-120%)	*71 %*					*06/16/09 17:35*	*SW846 8270D*	*9061227*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF0579-02 (1052 Gardenia - Soil) Sampled: 06/01/09 12:10								
General Chemistry Parameters								
% Dry Solids	79.5		%	0.500	1	06/17/09 09:02	SW-846	9062596
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00208	1	06/12/09 18:02	SW846 8260B	9062578
Ethylbenzene	ND		mg/kg dry	0.00208	1	06/12/09 18:02	SW846 8260B	9062578
Naphthalene	0.00895		mg/kg dry	0.00520	1	06/12/09 18:02	SW846 8260B	9062578
Toluene	ND		mg/kg dry	0.00208	1	06/12/09 18:02	SW846 8260B	9062578
Xylenes, total	ND		mg/kg dry	0.00520	1	06/12/09 18:02	SW846 8260B	9062578
Surr: 1,2-Dichloroethane-d4 (67-138%)	*71 %*					*06/12/09 18:02*	*SW846 8260B*	*9062578*
Surr: Dibromofluoromethane (75-125%)	*90 %*					*06/12/09 18:02*	*SW846 8260B*	*9062578*
Surr: Toluene-d8 (76-129%)	*81 %*					*06/12/09 18:02*	*SW846 8260B*	*9062578*
Surr: 4-Bromofluorobenzene (67-147%)	*131 %*					*06/12/09 18:02*	*SW846 8260B*	*9062578*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
Acenaphthylene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
Anthracene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
Benzo (a) anthracene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
Benzo (a) pyrene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
Benzo (b) fluoranthene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
Benzo (k) fluoranthene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
Chrysene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
Fluoranthene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
Fluorene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
Naphthalene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
Phenanthrene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
Pyrene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
1-Methylnaphthalene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
2-Methylnaphthalene	ND		mg/kg dry	0.0836	1	06/16/09 17:57	SW846 8270D	9061227
Surr: Terphenyl-d14 (18-120%)	*74 %*					*06/16/09 17:57*	*SW846 8270D*	*9061227*
Surr: 2-Fluorobiphenyl (14-120%)	*48 %*					*06/16/09 17:57*	*SW846 8270D*	*9061227*
Surr: Nitrobenzene-d5 (17-120%)	*45 %*					*06/16/09 17:57*	*SW846 8270D*	*9061227*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF0579-03 (1053 Gardenia - Soil) Sampled: 06/02/09 12:00								
General Chemistry Parameters								
% Dry Solids	**80.4**		%	0.500	1	06/17/09 09:02	SW-846	9062596
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00214	1	06/11/09 18:12	SW846 8260B	9061083
Ethylbenzene	**0.525**		mg/kg dry	0.108	50	06/13/09 17:53	SW846 8260B	9062562
Naphthalene	**18.3**	B1	mg/kg dry	5.42	1000	06/13/09 18:24	SW846 8260B	9062562
Toluene	**0.00434**		mg/kg dry	0.00214	1	06/11/09 18:12	SW846 8260B	9061083
Xylenes, total	**2.47**		mg/kg dry	0.271	50	06/13/09 17:53	SW846 8260B	9062562
Surr: 1,2-Dichloroethane-d4 (67-138%)	*96 %*					*06/11/09 18:12*	*SW846 8260B*	*9061083*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*85 %*					*06/13/09 17:53*	*SW846 8260B*	*9062562*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*86 %*					*06/13/09 18:24*	*SW846 8260B*	*9062562*
Surr: Dibromofluoromethane (75-125%)	*100 %*					*06/11/09 18:12*	*SW846 8260B*	*9061083*
Surr: Dibromofluoromethane (75-125%)	*90 %*					*06/13/09 17:53*	*SW846 8260B*	*9062562*
Surr: Dibromofluoromethane (75-125%)	*91 %*					*06/13/09 18:24*	*SW846 8260B*	*9062562*
Surr: Toluene-d8 (76-129%)	*165 %*	*ZX*				*06/11/09 18:12*	*SW846 8260B*	*9061083*
Surr: Toluene-d8 (76-129%)	*104 %*					*06/13/09 17:53*	*SW846 8260B*	*9062562*
Surr: Toluene-d8 (76-129%)	*104 %*					*06/13/09 18:24*	*SW846 8260B*	*9062562*
Surr: 4-Bromofluorobenzene (67-147%)	*249 %*	*ZX*				*06/11/09 18:12*	*SW846 8260B*	*9061083*
Surr: 4-Bromofluorobenzene (67-147%)	*133 %*					*06/13/09 17:53*	*SW846 8260B*	*9062562*
Surr: 4-Bromofluorobenzene (67-147%)	*127 %*					*06/13/09 18:24*	*SW846 8260B*	*9062562*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	**2.92**		mg/kg dry	0.413	5	06/17/09 09:43	SW846 8270D	9061227
Acenaphthylene	ND		mg/kg dry	0.413	5	06/17/09 09:43	SW846 8270D	9061227
Anthracene	**1.80**		mg/kg dry	0.413	5	06/17/09 09:43	SW846 8270D	9061227
Benzo (a) anthracene	**0.468**		mg/kg dry	0.413	5	06/17/09 09:43	SW846 8270D	9061227
Benzo (a) pyrene	ND		mg/kg dry	0.413	5	06/17/09 09:43	SW846 8270D	9061227
Benzo (b) fluoranthene	ND		mg/kg dry	0.413	5	06/17/09 09:43	SW846 8270D	9061227
Benzo (g,h,i) perylene	ND		mg/kg dry	0.413	5	06/17/09 09:43	SW846 8270D	9061227
Benzo (k) fluoranthene	ND		mg/kg dry	0.413	5	06/17/09 09:43	SW846 8270D	9061227
Chrysene	**0.468**		mg/kg dry	0.413	5	06/17/09 09:43	SW846 8270D	9061227
Dibenz (a,h) anthracene	ND		mg/kg dry	0.413	5	06/17/09 09:43	SW846 8270D	9061227
Fluoranthene	**1.42**		mg/kg dry	0.413	5	06/17/09 09:43	SW846 8270D	9061227
Fluorene	**5.19**		mg/kg dry	0.413	5	06/17/09 09:43	SW846 8270D	9061227
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.413	5	06/17/09 09:43	SW846 8270D	9061227
Naphthalene	**13.0**		mg/kg dry	0.413	5	06/17/09 09:43	SW846 8270D	9061227
Phenanthrene	**9.54**		mg/kg dry	0.413	5	06/17/09 09:43	SW846 8270D	9061227
Pyrene	**2.15**		mg/kg dry	0.413	5	06/17/09 09:43	SW846 8270D	9061227
1-Methylnaphthalene	**29.0**		mg/kg dry	4.13	50	06/17/09 11:52	SW846 8270D	9061227
2-Methylnaphthalene	**44.2**		mg/kg dry	4.13	50	06/17/09 11:52	SW846 8270D	9061227
Surr: Terphenyl-d14 (18-120%)	*113 %*					*06/17/09 09:43*	*SW846 8270D*	*9061227*
Surr: 2-Fluorobiphenyl (14-120%)	*104 %*					*06/17/09 09:43*	*SW846 8270D*	*9061227*
Surr: Nitrobenzene-d5 (17-120%)	*92 %*					*06/17/09 09:43*	*SW846 8270D*	*9061227*

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF0579-04 (1055 Gardenia - Soil) Sampled: 06/02/09 14:45								
General Chemistry Parameters								
% Dry Solids	66.7		%	0.500	1	06/17/09 09:02	SW-846	9062596
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00264	1	06/11/09 18:43	SW846 8260B	9061083
Ethylbenzene	**0.268**		mg/kg dry	0.128	50	06/13/09 18:55	SW846 8260B	9062562
Naphthalene	**3.59**	B1	mg/kg dry	0.320	50	06/13/09 18:55	SW846 8260B	9062562
Toluene	ND		mg/kg dry	0.00264	1	06/11/09 18:43	SW846 8260B	9061083
Xylenes, total	**0.0135**	CF7	mg/kg dry	0.00660	1	06/11/09 18:43	SW846 8260B	9061083
Surr: 1,2-Dichloroethane-d4 (67-138%)	*90 %*					*06/11/09 18:43*	*SW846 8260B*	*9061083*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*82 %*					*06/13/09 18:55*	*SW846 8260B*	*9062562*
Surr: Dibromofluoromethane (75-125%)	*91 %*					*06/11/09 18:43*	*SW846 8260B*	*9061083*
Surr: Dibromofluoromethane (75-125%)	*91 %*					*06/13/09 18:55*	*SW846 8260B*	*9062562*
Surr: Toluene-d8 (76-129%)	*166 %*	*ZX*				*06/11/09 18:43*	*SW846 8260B*	*9061083*
Surr: Toluene-d8 (76-129%)	*103 %*					*06/13/09 18:55*	*SW846 8260B*	*9062562*
Surr: 4-Bromofluorobenzene (67-147%)	*158 %*	*ZX*				*06/11/09 18:43*	*SW846 8260B*	*9061083*
Surr: 4-Bromofluorobenzene (67-147%)	*124 %*					*06/13/09 18:55*	*SW846 8260B*	*9062562*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	**2.56**		mg/kg dry	0.501	5	06/17/09 10:04	SW846 8270D	9061227
Acenaphthylene	ND		mg/kg dry	0.501	5	06/17/09 10:04	SW846 8270D	9061227
Anthracene	ND		mg/kg dry	0.501	5	06/17/09 10:04	SW846 8270D	9061227
Benzo (a) anthracene	**0.813**		mg/kg dry	0.501	5	06/17/09 10:04	SW846 8270D	9061227
Benzo (a) pyrene	ND		mg/kg dry	0.501	5	06/17/09 10:04	SW846 8270D	9061227
Benzo (b) fluoranthene	ND		mg/kg dry	0.501	5	06/17/09 10:04	SW846 8270D	9061227
Benzo (g,h,i) perylene	ND		mg/kg dry	0.501	5	06/17/09 10:04	SW846 8270D	9061227
Benzo (k) fluoranthene	ND		mg/kg dry	0.501	5	06/17/09 10:04	SW846 8270D	9061227
Chrysene	**0.661**		mg/kg dry	0.501	5	06/17/09 10:04	SW846 8270D	9061227
Dibenz (a,h) anthracene	ND		mg/kg dry	0.501	5	06/17/09 10:04	SW846 8270D	9061227
Fluoranthene	**2.39**		mg/kg dry	0.501	5	06/17/09 10:04	SW846 8270D	9061227
Fluorene	**4.75**		mg/kg dry	0.501	5	06/17/09 10:04	SW846 8270D	9061227
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.501	5	06/17/09 10:04	SW846 8270D	9061227
Naphthalene	**8.45**		mg/kg dry	0.501	5	06/17/09 10:04	SW846 8270D	9061227
Phenanthrene	**8.81**		mg/kg dry	0.501	5	06/17/09 10:04	SW846 8270D	9061227
Pyrene	**2.14**		mg/kg dry	0.501	5	06/17/09 10:04	SW846 8270D	9061227
1-Methylnaphthalene	**25.5**		mg/kg dry	5.01	50	06/17/09 12:14	SW846 8270D	9061227
2-Methylnaphthalene	**39.9**		mg/kg dry	5.01	50	06/17/09 12:14	SW846 8270D	9061227
Surr: Terphenyl-d14 (18-120%)	*104 %*					*06/17/09 10:04*	*SW846 8270D*	*9061227*
Surr: 2-Fluorobiphenyl (14-120%)	*99 %*					*06/17/09 10:04*	*SW846 8270D*	*9061227*
Surr: Nitrobenzene-d5 (17-120%)	*94 %*					*06/17/09 10:04*	*SW846 8270D*	*9061227*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF0579-05 (1059 Gardenia-1 - Soil) Sampled: 06/03/09 11:15								
General Chemistry Parameters								
% Dry Solids	**78.8**		%	0.500	1	06/17/09 09:02	SW-846	9062596
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.00631**		mg/kg dry	0.00221	1	06/11/09 19:14	SW846 8260B	9061083
Ethylbenzene	**1.64**		mg/kg dry	0.112	50	06/13/09 19:57	SW846 8260B	9062562
Naphthalene	**11.1**	B1	mg/kg dry	0.280	50	06/13/09 19:57	SW846 8260B	9062562
Toluene	**0.00277**		mg/kg dry	0.00221	1	06/11/09 19:14	SW846 8260B	9061083
Xylenes, total	**2.44**		mg/kg dry	0.280	50	06/13/09 19:57	SW846 8260B	9062562
Surr: 1,2-Dichloroethane-d4 (67-138%)	*86 %*					*06/11/09 19:14*	*SW846 8260B*	*9061083*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*83 %*					*06/13/09 19:57*	*SW846 8260B*	*9062562*
Surr: Dibromofluoromethane (75-125%)	*95 %*					*06/11/09 19:14*	*SW846 8260B*	*9061083*
Surr: Dibromofluoromethane (75-125%)	*90 %*					*06/13/09 19:57*	*SW846 8260B*	*9062562*
Surr: Toluene-d8 (76-129%)	*581 %*	*ZX*				*06/11/09 19:14*	*SW846 8260B*	*9061083*
Surr: Toluene-d8 (76-129%)	*107 %*					*06/13/09 19:57*	*SW846 8260B*	*9062562*
Surr: 4-Bromofluorobenzene (67-147%)	*2710 %*	*ZX*				*06/11/09 19:14*	*SW846 8260B*	*9061083*
Surr: 4-Bromofluorobenzene (67-147%)	*133 %*					*06/13/09 19:57*	*SW846 8260B*	*9062562*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	**4.42**		mg/kg dry	0.424	5	06/17/09 10:25	SW846 8270D	9061227
Acenaphthylene	ND		mg/kg dry	0.424	5	06/17/09 10:25	SW846 8270D	9061227
Anthracene	**3.43**		mg/kg dry	0.424	5	06/17/09 10:25	SW846 8270D	9061227
Benzo (a) anthracene	**4.35**		mg/kg dry	0.424	5	06/17/09 10:25	SW846 8270D	9061227
Benzo (a) pyrene	**1.63**		mg/kg dry	0.424	5	06/17/09 10:25	SW846 8270D	9061227
Benzo (b) fluoranthene	**1.97**		mg/kg dry	0.424	5	06/17/09 10:25	SW846 8270D	9061227
Benzo (g,h,i) perylene	ND		mg/kg dry	0.424	5	06/17/09 10:25	SW846 8270D	9061227
Benzo (k) fluoranthene	**1.73**		mg/kg dry	0.424	5	06/17/09 10:25	SW846 8270D	9061227
Chrysene	**3.69**		mg/kg dry	0.424	5	06/17/09 10:25	SW846 8270D	9061227
Dibenz (a,h) anthracene	ND		mg/kg dry	0.424	5	06/17/09 10:25	SW846 8270D	9061227
Fluoranthene	**13.6**		mg/kg dry	0.424	5	06/17/09 10:25	SW846 8270D	9061227
Fluorene	**9.09**		mg/kg dry	0.424	5	06/17/09 10:25	SW846 8270D	9061227
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.424	5	06/17/09 10:25	SW846 8270D	9061227
Naphthalene	**14.6**		mg/kg dry	0.424	5	06/17/09 10:25	SW846 8270D	9061227
Phenanthrene	**19.2**		mg/kg dry	4.24	50	06/17/09 12:35	SW846 8270D	9061227
Pyrene	**12.3**		mg/kg dry	0.424	5	06/17/09 10:25	SW846 8270D	9061227
1-Methylnaphthalene	**35.9**		mg/kg dry	4.24	50	06/17/09 12:35	SW846 8270D	9061227
2-Methylnaphthalene	**60.9**		mg/kg dry	4.24	50	06/17/09 12:35	SW846 8270D	9061227
Surr: Terphenyl-d14 (18-120%)	*106 %*					*06/17/09 10:25*	*SW846 8270D*	*9061227*
Surr: 2-Fluorobiphenyl (14-120%)	*84 %*					*06/17/09 10:25*	*SW846 8270D*	*9061227*
Surr: Nitrobenzene-d5 (17-120%)	*143 %*					*06/17/09 10:25*	*SW846 8270D*	*9061227*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF0579-06 (1059 Gardenia-2 - Soil) Sampled: 06/03/09 14:00								
General Chemistry Parameters								
% Dry Solids	**82.7**		%	0.500	1	06/17/09 09:02	SW-846	9062596
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND	RL1	mg/kg dry	0.109	50	06/15/09 19:46	SW846 8260B	9062585
Ethylbenzene	**4.98**		mg/kg dry	0.109	50	06/15/09 19:46	SW846 8260B	9062585
Naphthalene	**31.7**		mg/kg dry	5.47	1000	06/15/09 20:16	SW846 8260B	9062585
Toluene	**0.0134**		mg/kg dry	0.00203	1	06/11/09 19:45	SW846 8260B	9061083
Xylenes, total	**12.0**		mg/kg dry	0.273	50	06/15/09 19:46	SW846 8260B	9062585
Surr: 1,2-Dichloroethane-d4 (67-138%)	*47 %*	*ZX*				*06/11/09 19:45*	*SW846 8260B*	*9061083*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*86 %*					*06/15/09 19:46*	*SW846 8260B*	*9062585*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*83 %*					*06/15/09 20:16*	*SW846 8260B*	*9062585*
Surr: Dibromofluoromethane (75-125%)	*57 %*	*ZX*				*06/11/09 19:45*	*SW846 8260B*	*9061083*
Surr: Dibromofluoromethane (75-125%)	*90 %*					*06/15/09 19:46*	*SW846 8260B*	*9062585*
Surr: Dibromofluoromethane (75-125%)	*85 %*					*06/15/09 20:16*	*SW846 8260B*	*9062585*
Surr: Toluene-d8 (76-129%)	*311 %*	*ZX*				*06/11/09 19:45*	*SW846 8260B*	*9061083*
Surr: Toluene-d8 (76-129%)	*108 %*					*06/15/09 19:46*	*SW846 8260B*	*9062585*
Surr: Toluene-d8 (76-129%)	*102 %*					*06/15/09 20:16*	*SW846 8260B*	*9062585*
Surr: 4-Bromofluorobenzene (67-147%)	*449 %*	*ZX*				*06/11/09 19:45*	*SW846 8260B*	*9061083*
Surr: 4-Bromofluorobenzene (67-147%)	*123 %*					*06/15/09 19:46*	*SW846 8260B*	*9062585*
Surr: 4-Bromofluorobenzene (67-147%)	*99 %*					*06/15/09 20:16*	*SW846 8260B*	*9062585*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	**4.83**		mg/kg dry	0.401	5	06/17/09 10:47	SW846 8270D	9061227
Acenaphthylene	ND		mg/kg dry	0.401	5	06/17/09 10:47	SW846 8270D	9061227
Anthracene	ND		mg/kg dry	0.401	5	06/17/09 10:47	SW846 8270D	9061227
Benzo (a) anthracene	ND		mg/kg dry	0.401	5	06/17/09 10:47	SW846 8270D	9061227
Benzo (a) pyrene	ND		mg/kg dry	0.401	5	06/17/09 10:47	SW846 8270D	9061227
Benzo (b) fluoranthene	ND		mg/kg dry	0.401	5	06/17/09 10:47	SW846 8270D	9061227
Benzo (g,h,i) perylene	ND		mg/kg dry	0.401	5	06/17/09 10:47	SW846 8270D	9061227
Benzo (k) fluoranthene	ND		mg/kg dry	0.401	5	06/17/09 10:47	SW846 8270D	9061227
Chrysene	ND		mg/kg dry	0.401	5	06/17/09 10:47	SW846 8270D	9061227
Dibenz (a,h) anthracene	ND		mg/kg dry	0.401	5	06/17/09 10:47	SW846 8270D	9061227
Fluoranthene	**0.401**		mg/kg dry	0.401	5	06/17/09 10:47	SW846 8270D	9061227
Fluorene	**9.73**		mg/kg dry	0.401	5	06/17/09 10:47	SW846 8270D	9061227
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.401	5	06/17/09 10:47	SW846 8270D	9061227
Naphthalene	**19.8**		mg/kg dry	4.01	50	06/17/09 12:57	SW846 8270D	9061227
Phenanthrene	**17.6**		mg/kg dry	0.401	5	06/17/09 10:47	SW846 8270D	9061227
Pyrene	**1.51**		mg/kg dry	0.401	5	06/17/09 10:47	SW846 8270D	9061227
1-Methylnaphthalene	**55.3**		mg/kg dry	4.01	50	06/17/09 12:57	SW846 8270D	9061227
2-Methylnaphthalene	**86.5**		mg/kg dry	4.01	50	06/17/09 12:57	SW846 8270D	9061227
Surr: Terphenyl-d14 (18-120%)	*113 %*					*06/17/09 10:47*	*SW846 8270D*	*9061227*
Surr: 2-Fluorobiphenyl (14-120%)	*82 %*					*06/17/09 10:47*	*SW846 8270D*	*9061227*
Surr: Nitrobenzene-d5 (17-120%)	*129 %*					*06/17/09 10:47*	*SW846 8270D*	*9061227*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF0579-07 (1058 Gardenia-1 - Soil) Sampled: 06/03/09 11:05								
General Chemistry Parameters								
% Dry Solids	**84.1**		%	0.500	1	06/17/09 09:02	SW-846	9062596
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00188	1	06/12/09 18:33	SW846 8260B	9062578
Ethylbenzene	ND		mg/kg dry	0.00188	1	06/12/09 18:33	SW846 8260B	9062578
Naphthalene	**0.0193**		mg/kg dry	0.00470	1	06/12/09 18:33	SW846 8260B	9062578
Toluene	ND		mg/kg dry	0.00188	1	06/12/09 18:33	SW846 8260B	9062578
Xylenes, total	ND		mg/kg dry	0.00470	1	06/12/09 18:33	SW846 8260B	9062578
Surr: 1,2-Dichloroethane-d4 (67-138%)	*84 %*					*06/12/09 18:33*	*SW846 8260B*	*9062578*
Surr: Dibromofluoromethane (75-125%)	*90 %*					*06/12/09 18:33*	*SW846 8260B*	*9062578*
Surr: Toluene-d8 (76-129%)	*110 %*					*06/12/09 18:33*	*SW846 8260B*	*9062578*
Surr: 4-Bromofluorobenzene (67-147%)	*124 %*					*06/12/09 18:33*	*SW846 8260B*	*9062578*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
Acenaphthylene	ND		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
Anthracene	**0.673**		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
Benzo (a) anthracene	**2.04**		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
Benzo (a) pyrene	**0.762**		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
Benzo (b) fluoranthene	**1.09**		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
Benzo (g,h,i) perylene	ND		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
Benzo (k) fluoranthene	**0.831**		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
Chrysene	**1.16**		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
Dibenz (a,h) anthracene	ND		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
Fluoranthene	**7.17**		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
Fluorene	ND		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
Naphthalene	ND		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
Phenanthrene	**3.42**		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
Pyrene	**4.66**		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
1-Methylnaphthalene	ND		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
2-Methylnaphthalene	ND		mg/kg dry	0.397	5	06/17/09 11:09	SW846 8270D	9061227
Surr: Terphenyl-d14 (18-120%)	*77 %*					*06/17/09 11:09*	*SW846 8270D*	*9061227*
Surr: 2-Fluorobiphenyl (14-120%)	*58 %*					*06/17/09 11:09*	*SW846 8270D*	*9061227*
Surr: Nitrobenzene-d5 (17-120%)	*62 %*					*06/17/09 11:09*	*SW846 8270D*	*9061227*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF0579-08 (1058 Gardenia-2 - Soil) Sampled: 06/03/09 14:15								
General Chemistry Parameters								
% Dry Solids	85.7		%	0.500	1	06/17/09 09:02	SW-846	9062596
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00222	1	06/13/09 16:51	SW846 8260B	9062562
Ethylbenzene	ND		mg/kg dry	0.00222	1	06/13/09 16:51	SW846 8260B	9062562
Naphthalene	ND		mg/kg dry	0.00555	1	06/13/09 16:51	SW846 8260B	9062562
Toluene	ND		mg/kg dry	0.00222	1	06/13/09 16:51	SW846 8260B	9062562
Xylenes, total	ND		mg/kg dry	0.00555	1	06/13/09 16:51	SW846 8260B	9062562
Surr: 1,2-Dichloroethane-d4 (67-138%)	*86 %*					*06/13/09 16:51*	*SW846 8260B*	*9062562*
Surr: Dibromofluoromethane (75-125%)	*93 %*					*06/13/09 16:51*	*SW846 8260B*	*9062562*
Surr: Toluene-d8 (76-129%)	*105 %*					*06/13/09 16:51*	*SW846 8260B*	*9062562*
Surr: 4-Bromofluorobenzene (67-147%)	*101 %*					*06/13/09 16:51*	*SW846 8260B*	*9062562*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
Acenaphthylene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
Anthracene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
Benzo (a) anthracene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
Benzo (a) pyrene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
Benzo (b) fluoranthene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
Benzo (k) fluoranthene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
Chrysene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
Fluoranthene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
Fluorene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
Naphthalene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
Phenanthrene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
Pyrene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
1-Methylnaphthalene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
2-Methylnaphthalene	ND		mg/kg dry	0.0771	1	06/16/09 20:07	SW846 8270D	9061227
Surr: Terphenyl-d14 (18-120%)	*90 %*					*06/16/09 20:07*	*SW846 8270D*	*9061227*
Surr: 2-Fluorobiphenyl (14-120%)	*65 %*					*06/16/09 20:07*	*SW846 8270D*	*9061227*
Surr: Nitrobenzene-d5 (17-120%)	*67 %*					*06/16/09 20:07*	*SW846 8270D*	*9061227*

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

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

Work Order: NSF0579
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/09 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polyaromatic Hydrocarbons by EPA 8270D							
SW846 8270D	9061227	NSF0579-01	30.54	1.00	06/09/09 08:32	JNS	EPA 3550B
SW846 8270D	9061227	NSF0579-02	30.24	1.00	06/09/09 08:32	JNS	EPA 3550B
SW846 8270D	9061227	NSF0579-03	30.29	1.00	06/09/09 08:32	JNS	EPA 3550B
SW846 8270D	9061227	NSF0579-03RE1	30.29	1.00	06/09/09 08:32	JNS	EPA 3550B
SW846 8270D	9061227	NSF0579-03RE2	30.29	1.00	06/09/09 08:32	JNS	EPA 3550B
SW846 8270D	9061227	NSF0579-04	30.05	1.00	06/09/09 08:32	JNS	EPA 3550B
SW846 8270D	9061227	NSF0579-04RE1	30.05	1.00	06/09/09 08:32	JNS	EPA 3550B
SW846 8270D	9061227	NSF0579-04RE2	30.05	1.00	06/09/09 08:32	JNS	EPA 3550B
SW846 8270D	9061227	NSF0579-05	30.05	1.00	06/09/09 08:32	JNS	EPA 3550B
SW846 8270D	9061227	NSF0579-05RE1	30.05	1.00	06/09/09 08:32	JNS	EPA 3550B
SW846 8270D	9061227	NSF0579-05RE2	30.05	1.00	06/09/09 08:32	JNS	EPA 3550B
SW846 8270D	9061227	NSF0579-06	30.33	1.00	06/09/09 08:32	JNS	EPA 3550B
SW846 8270D	9061227	NSF0579-06RE1	30.33	1.00	06/09/09 08:32	JNS	EPA 3550B
SW846 8270D	9061227	NSF0579-06RE2	30.33	1.00	06/09/09 08:32	JNS	EPA 3550B
SW846 8270D	9061227	NSF0579-07	30.11	1.00	06/09/09 08:32	JNS	EPA 3550B
SW846 8270D	9061227	NSF0579-07RE1	30.11	1.00	06/09/09 08:32	JNS	EPA 3550B
SW846 8270D	9061227	NSF0579-08	30.43	1.00	06/09/09 08:32	JNS	EPA 3550B
Selected Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	9061083	NSF0579-01	4.50	5.00	06/01/09 09:45	CHH	EPA 5035
SW846 8260B	9061083	NSF0579-02	6.75	5.00	06/01/09 12:10	CHH	EPA 5035
SW846 8260B	9062578	NSF0579-02RE1	6.05	5.00	06/01/09 12:10	CHH	EPA 5035
SW846 8260B	9061083	NSF0579-03	5.81	5.00	06/02/09 12:00	CHH	EPA 5035
SW846 8260B	9062562	NSF0579-03RE1	5.74	5.00	06/02/09 12:00	CHH	EPA 5035
SW846 8260B	9062562	NSF0579-03RE2	5.74	5.00	06/02/09 12:00	CHH	EPA 5035
SW846 8260B	9061083	NSF0579-04	5.68	5.00	06/02/09 14:45	CHH	EPA 5035
SW846 8260B	9062562	NSF0579-04RE1	5.86	5.00	06/02/09 14:45	CHH	EPA 5035
SW846 8260B	9062562	NSF0579-04RE2	5.86	5.00	06/02/09 14:45	CHH	EPA 5035
SW846 8260B	9061083	NSF0579-05	5.73	5.00	06/03/09 11:15	CHH	EPA 5035
SW846 8260B	9062562	NSF0579-05RE1	5.66	5.00	06/03/09 11:15	CHH	EPA 5035
SW846 8260B	9062562	NSF0579-05RE2	5.66	5.00	06/03/09 11:15	CHH	EPA 5035
SW846 8260B	9061083	NSF0579-06	5.97	5.00	06/03/09 14:00	CHH	EPA 5035
SW846 8260B	9062585	NSF0579-06RE1	5.53	5.00	06/03/09 14:00	CHH	EPA 5035
SW846 8260B	9062585	NSF0579-06RE2	5.53	5.00	06/03/09 14:00	CHH	EPA 5035
SW846 8260B	9061083	NSF0579-07	6.34	5.00	06/03/09 11:05	CHH	EPA 5035
SW846 8260B	9062578	NSF0579-07RE1	6.33	5.00	06/03/09 11:05	CHH	EPA 5035
SW846 8260B	9061083	NSF0579-08	6.59	5.00	06/03/09 14:15	CHH	EPA 5035
SW846 8260B	9062562	NSF0579-08RE1	5.26	5.00	06/03/09 14:15	CHH	EPA 5035

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NST0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B						
9061083-BLK1						
Benzene	<0.000670		mg/kg wet	9061083	9061083-BLK1	06/11/09 16:39
Ethylbenzene	<0.000670		mg/kg wet	9061083	9061083-BLK1	06/11/09 16:39
Naphthalene	<0.00170		mg/kg wet	9061083	9061083-BLK1	06/11/09 16:39
Toluene	<0.000400		mg/kg wet	9061083	9061083-BLK1	06/11/09 16:39
Xylenes, total	<0.00130		mg/kg wet	9061083	9061083-BLK1	06/11/09 16:39
Surrogate: 1,2-Dichloroethane-d4	95%			9061083	9061083-BLK1	06/11/09 16:39
Surrogate: Dibromofluoromethane	97%			9061083	9061083-BLK1	06/11/09 16:39
Surrogate: Toluene-d8	105%			9061083	9061083-BLK1	06/11/09 16:39
Surrogate: 4-Bromofluorobenzene	112%			9061083	9061083-BLK1	06/11/09 16:39
9062562-BLK1						
Benzene	<0.000670		mg/kg wet	9062562	9062562-BLK1	06/13/09 16:20
Ethylbenzene	<0.000670		mg/kg wet	9062562	9062562-BLK1	06/13/09 16:20
Naphthalene	0.00499	B	mg/kg wet	9062562	9062562-BLK1	06/13/09 16:20
Toluene	<0.000400		mg/kg wet	9062562	9062562-BLK1	06/13/09 16:20
Xylenes, total	<0.00130		mg/kg wet	9062562	9062562-BLK1	06/13/09 16:20
Surrogate: 1,2-Dichloroethane-d4	88%			9062562	9062562-BLK1	06/13/09 16:20
Surrogate: Dibromofluoromethane	95%			9062562	9062562-BLK1	06/13/09 16:20
Surrogate: Toluene-d8	103%			9062562	9062562-BLK1	06/13/09 16:20
Surrogate: 4-Bromofluorobenzene	131%			9062562	9062562-BLK1	06/13/09 16:20
9062578-BLK1						
Benzene	<0.000670		mg/kg wet	9062578	9062578-BLK1	06/12/09 17:31
Ethylbenzene	<0.000670		mg/kg wet	9062578	9062578-BLK1	06/12/09 17:31
Naphthalene	<0.00170		mg/kg wet	9062578	9062578-BLK1	06/12/09 17:31
Toluene	<0.000400		mg/kg wet	9062578	9062578-BLK1	06/12/09 17:31
Xylenes, total	<0.00130		mg/kg wet	9062578	9062578-BLK1	06/12/09 17:31
Surrogate: 1,2-Dichloroethane-d4	86%			9062578	9062578-BLK1	06/12/09 17:31
Surrogate: Dibromofluoromethane	94%			9062578	9062578-BLK1	06/12/09 17:31
Surrogate: Toluene-d8	105%			9062578	9062578-BLK1	06/12/09 17:31
Surrogate: 4-Bromofluorobenzene	100%			9062578	9062578-BLK1	06/12/09 17:31
9062585-BLK1						
Benzene	<0.000670		mg/kg wet	9062585	9062585-BLK1	06/15/09 17:41
Ethylbenzene	<0.000670		mg/kg wet	9062585	9062585-BLK1	06/15/09 17:41
Naphthalene	<0.00170		mg/kg wet	9062585	9062585-BLK1	06/15/09 17:41
Toluene	<0.000400		mg/kg wet	9062585	9062585-BLK1	06/15/09 17:41
Xylenes, total	<0.00130		mg/kg wet	9062585	9062585-BLK1	06/15/09 17:41
Surrogate: 1,2-Dichloroethane-d4	85%			9062585	9062585-BLK1	06/15/09 17:41
Surrogate: Dibromofluoromethane	90%			9062585	9062585-BLK1	06/15/09 17:41
Surrogate: Toluene-d8	99%			9062585	9062585-BLK1	06/15/09 17:41
Surrogate: 4-Bromofluorobenzene	112%			9062585	9062585-BLK1	06/15/09 17:41

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B						
Polyaromatic Hydrocarbons by EPA 8270D						
9061227-BLK1						
Acenaphthene	<0.0320		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
Acenaphthylene	<0.0310		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
Anthracene	<0.0330		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
Benzo (a) anthracene	<0.0380		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
Benzo (a) pyrene	<0.0300		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
Benzo (b) fluoranthene	<0.0300		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
Benzo (g,h,i) perylene	<0.0300		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
Benzo (k) fluoranthene	<0.0300		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
Chrysene	<0.0400		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
Dibenz (a,h) anthracene	<0.0310		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
Fluoranthene	<0.0340		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
Fluorene	<0.0360		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
Indeno (1,2,3-cd) pyrene	<0.0310		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
Naphthalene	<0.0410		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
Phenanthrene	<0.0340		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
Pyrene	<0.0410		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
1-Methylnaphthalene	<0.0320		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
2-Methylnaphthalene	<0.0330		mg/kg wet	9061227	9061227-BLK1	06/16/09 16:08
Surrogate: Terphenyl-d14	110%			9061227	9061227-BLK1	06/16/09 16:08
Surrogate: 2-Fluorobiphenyl	91%			9061227	9061227-BLK1	06/16/09 16:08
Surrogate: Nitrobenzene-d5	84%			9061227	9061227-BLK1	06/16/09 16:08

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
9062596-DUP1										
% Dry Solids	96.6	96.3		%	0.3	20	9062596	NSF0559-01		06/17/09 09:02

Client	EFG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
9061083-BS1								
Benzene	50.0	44.8		ug/kg	90%	78 - 126	9061083	06/11/09 14:35
Ethylbenzene	50.0	51.8		ug/kg	104%	79 - 130	9061083	06/11/09 14:35
Naphthalene	50.0	48.1		ug/kg	96%	72 - 150	9061083	06/11/09 14:35
Toluene	50.0	51.0		ug/kg	102%	76 - 126	9061083	06/11/09 14:35
Xylenes, total	150	160		ug/kg	106%	80 - 130	9061083	06/11/09 14:35
Surrogate: 1,2-Dichloroethane-d4	50.0	48.4			97%	67 - 138	9061083	06/11/09 14:35
Surrogate: Dibromofluoromethane	50.0	48.2			96%	75 - 125	9061083	06/11/09 14:35
Surrogate: Toluene-d8	50.0	52.8			106%	76 - 129	9061083	06/11/09 14:35
Surrogate: 4-Bromofluorobenzene	50.0	46.9			94%	67 - 147	9061083	06/11/09 14:35
9062562-BS1								
Benzene	50.0	45.3		ug/kg	91%	78 - 126	9062562	06/13/09 14:10
Ethylbenzene	50.0	51.4		ug/kg	103%	79 - 130	9062562	06/13/09 14:10
Naphthalene	50.0	57.7		ug/kg	115%	72 - 150	9062562	06/13/09 14:10
Toluene	50.0	50.1		ug/kg	100%	76 - 126	9062562	06/13/09 14:10
Xylenes, total	150	155		ug/kg	103%	80 - 130	9062562	06/13/09 14:10
Surrogate: 1,2-Dichloroethane-d4	50.0	43.8			88%	67 - 138	9062562	06/13/09 14:10
Surrogate: Dibromofluoromethane	50.0	47.9			96%	75 - 125	9062562	06/13/09 14:10
Surrogate: Toluene-d8	50.0	51.6			103%	76 - 129	9062562	06/13/09 14:10
Surrogate: 4-Bromofluorobenzene	50.0	48.5			97%	67 - 147	9062562	06/13/09 14:10
9062578-BS1								
Benzene	50.0	49.0		ug/kg	98%	78 - 126	9062578	06/12/09 15:28
Ethylbenzene	50.0	55.5		ug/kg	111%	79 - 130	9062578	06/12/09 15:28
Naphthalene	50.0	61.5		ug/kg	123%	72 - 150	9062578	06/12/09 15:28
Toluene	50.0	55.0		ug/kg	110%	76 - 126	9062578	06/12/09 15:28
Xylenes, total	150	167		ug/kg	111%	80 - 130	9062578	06/12/09 15:28
Surrogate: 1,2-Dichloroethane-d4	50.0	43.8			88%	67 - 138	9062578	06/12/09 15:28
Surrogate: Dibromofluoromethane	50.0	47.8			96%	75 - 125	9062578	06/12/09 15:28
Surrogate: Toluene-d8	50.0	53.0			106%	76 - 129	9062578	06/12/09 15:28
Surrogate: 4-Bromofluorobenzene	50.0	61.0			122%	67 - 147	9062578	06/12/09 15:28
9062585-BS1								
Benzene	50.0	52.1		ug/kg	104%	78 - 126	9062585	06/15/09 15:36
Ethylbenzene	50.0	53.0		ug/kg	106%	79 - 130	9062585	06/15/09 15:36
Naphthalene	50.0	58.7		ug/kg	117%	72 - 150	9062585	06/15/09 15:36
Toluene	50.0	53.2		ug/kg	106%	76 - 126	9062585	06/15/09 15:36
Xylenes, total	150	158		ug/kg	105%	80 - 130	9062585	06/15/09 15:36
Surrogate: 1,2-Dichloroethane-d4	50.0	44.8			90%	67 - 138	9062585	06/15/09 15:36
Surrogate: Dibromofluoromethane	50.0	48.9			98%	75 - 125	9062585	06/15/09 15:36
Surrogate: Toluene-d8	50.0	50.0			100%	76 - 129	9062585	06/15/09 15:36
Surrogate: 4-Bromofluorobenzene	50.0	50.3			101%	67 - 147	9062585	06/15/09 15:36

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
Polyaromatic Hydrocarbons by EPA 8270D								
9061227-BS1								
Acenaphthene	1.67	1.48		mg/kg wet	89%	49 - 120	9061227	06/16/09 16:30
Acenaphthylene	1.67	1.52		mg/kg wet	91%	52 - 120	9061227	06/16/09 16:30
Anthracene	1.67	1.68		mg/kg wet	101%	58 - 120	9061227	06/16/09 16:30
Benzo (a) anthracene	1.67	1.55		mg/kg wet	93%	57 - 120	9061227	06/16/09 16:30
Benzo (a) pyrene	1.67	1.62		mg/kg wet	97%	55 - 120	9061227	06/16/09 16:30
Benzo (b) fluoranthene	1.67	1.54		mg/kg wet	93%	51 - 123	9061227	06/16/09 16:30
Benzo (g,h,i) perylene	1.67	1.61		mg/kg wet	96%	49 - 121	9061227	06/16/09 16:30
Benzo (k) fluoranthene	1.67	1.64		mg/kg wet	98%	42 - 129	9061227	06/16/09 16:30
Chrysene	1.67	1.58		mg/kg wet	95%	55 - 120	9061227	06/16/09 16:30
Dibenz (a,h) anthracene	1.67	1.62		mg/kg wet	97%	50 - 123	9061227	06/16/09 16:30
Fluoranthene	1.67	1.52		mg/kg wet	91%	58 - 120	9061227	06/16/09 16:30
Fluorene	1.67	1.50		mg/kg wet	90%	54 - 120	9061227	06/16/09 16:30
Indeno (1,2,3-cd) pyrene	1.67	1.66		mg/kg wet	100%	50 - 122	9061227	06/16/09 16:30
Naphthalene	1.67	1.27		mg/kg wet	76%	28 - 107	9061227	06/16/09 16:30
Phenanthrene	1.67	1.51		mg/kg wet	91%	56 - 120	9061227	06/16/09 16:30
Pyrene	1.67	1.65		mg/kg wet	99%	56 - 120	9061227	06/16/09 16:30
1-Methylnaphthalene	1.67	1.19		mg/kg wet	71%	36 - 120	9061227	06/16/09 16:30
2-Methylnaphthalene	1.67	1.35		mg/kg wet	81%	36 - 120	9061227	06/16/09 16:30
Surrogate: Terphenyl-d14	1.67	1.67			100%	18 - 120	9061227	06/16/09 16:30
Surrogate: 2-Fluorobiphenyl	1.67	1.46			88%	14 - 120	9061227	06/16/09 16:30
Surrogate: Nitrobenzene-d5	1.67	1.25			75%	17 - 120	9061227	06/16/09 16:30

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

Work Order: NSF0579
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/09 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
9061083-BSD1												
Benzene		45.9		ug/kg	50.0	92%	78 - 126	2	50	9061083		06/11/09 15:06
Ethylbenzene		53.8		ug/kg	50.0	108%	79 - 130	4	50	9061083		06/11/09 15:06
Naphthalene		50.7		ug/kg	50.0	101%	72 - 150	5	50	9061083		06/11/09 15:06
Toluene		52.8		ug/kg	50.0	106%	76 - 126	3	50	9061083		06/11/09 15:06
Xylenes, total		169		ug/kg	150	113%	80 - 130	6	50	9061083		06/11/09 15:06
Surrogate: 1,2-Dichloroethane-d4		47.4		ug/kg	50.0	95%	67 - 138			9061083		06/11/09 15:06
Surrogate: Dibromofluoromethane		48.3		ug/kg	50.0	97%	75 - 125			9061083		06/11/09 15:06
Surrogate: Toluene-d8		54.2		ug/kg	50.0	108%	76 - 129			9061083		06/11/09 15:06
Surrogate: 4-Bromofluorobenzene		46.1		ug/kg	50.0	92%	67 - 147			9061083		06/11/09 15:06
9062562-BSD1												
Benzene		49.6		ug/kg	50.0	99%	78 - 126	9	50	9062562		06/13/09 14:41
Ethylbenzene		55.6		ug/kg	50.0	111%	79 - 130	8	50	9062562		06/13/09 14:41
Naphthalene		61.9		ug/kg	50.0	124%	72 - 150	7	50	9062562		06/13/09 14:41
Toluene		53.6		ug/kg	50.0	107%	76 - 126	7	50	9062562		06/13/09 14:41
Xylenes, total		170		ug/kg	150	113%	80 - 130	9	50	9062562		06/13/09 14:41
Surrogate: 1,2-Dichloroethane-d4		44.5		ug/kg	50.0	89%	67 - 138			9062562		06/13/09 14:41
Surrogate: Dibromofluoromethane		48.1		ug/kg	50.0	96%	75 - 125			9062562		06/13/09 14:41
Surrogate: Toluene-d8		52.0		ug/kg	50.0	104%	76 - 129			9062562		06/13/09 14:41
Surrogate: 4-Bromofluorobenzene		60.7		ug/kg	50.0	121%	67 - 147			9062562		06/13/09 14:41
9062578-BSD1												
Benzene		48.4		ug/kg	50.0	97%	78 - 126	1	50	9062578		06/12/09 15:59
Ethylbenzene		54.8		ug/kg	50.0	110%	79 - 130	1	50	9062578		06/12/09 15:59
Naphthalene		61.1		ug/kg	50.0	122%	72 - 150	0.7	50	9062578		06/12/09 15:59
Toluene		54.2		ug/kg	50.0	108%	76 - 126	1	50	9062578		06/12/09 15:59
Xylenes, total		167		ug/kg	150	111%	80 - 130	0.2	50	9062578		06/12/09 15:59
Surrogate: 1,2-Dichloroethane-d4		42.5		ug/kg	50.0	85%	67 - 138			9062578		06/12/09 15:59
Surrogate: Dibromofluoromethane		46.8		ug/kg	50.0	94%	75 - 125			9062578		06/12/09 15:59
Surrogate: Toluene-d8		52.9		ug/kg	50.0	106%	76 - 129			9062578		06/12/09 15:59
Surrogate: 4-Bromofluorobenzene		49.1		ug/kg	50.0	98%	67 - 147			9062578		06/12/09 15:59
9062585-BSD1												
Benzene		43.9		ug/kg	50.0	88%	78 - 126	17	50	9062585		06/15/09 16:05
Ethylbenzene		45.8		ug/kg	50.0	92%	79 - 130	14	50	9062585		06/15/09 16:05
Naphthalene		53.0		ug/kg	50.0	106%	72 - 150	10	50	9062585		06/15/09 16:05
Toluene		46.4		ug/kg	50.0	93%	76 - 126	14	50	9062585		06/15/09 16:05
Xylenes, total		133		ug/kg	150	88%	80 - 130	18	50	9062585		06/15/09 16:05
Surrogate: 1,2-Dichloroethane-d4		43.5		ug/kg	50.0	87%	67 - 138			9062585		06/15/09 16:05
Surrogate: Dibromofluoromethane		46.2		ug/kg	50.0	92%	75 - 125			9062585		06/15/09 16:05
Surrogate: Toluene-d8		49.7		ug/kg	50.0	99%	76 - 129			9062585		06/15/09 16:05

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
9062585-BSD1												
Surrogate: 4-Bromofluorobenzene		51.3		ug/kg	50.0	103%	67 - 147			9062585		06/15/09 16:05

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B										
9061083-MS1										
Benzene	0.386	3.72		mg/kg wet	3.43	97%	42 - 141	9061083	NSF0613-04RE1	06/11/09 23:52
Ethylbenzene	0.327	4.55		mg/kg wet	3.43	123%	21 - 165	9061083	NSF0613-04RE1	06/11/09 23:52
Naphthalene	0.637	4.74		mg/kg wet	3.43	120%	10 - 160	9061083	NSF0613-04RE1	06/11/09 23:52
Toluene	1.06	5.00		mg/kg wet	3.43	115%	45 - 145	9061083	NSF0613-04RE1	06/11/09 23:52
Xylenes, total	1.57	14.5		mg/kg wet	10.3	126%	31 - 159	9061083	NSF0613-04RE1	06/11/09 23:52
Surrogate: 1,2-Dichloroethane-d4		41.4		ug/kg	50.0	83%	67 - 138	9061083	NSF0613-04RE1	06/11/09 23:52
Surrogate: Dibromofluoromethane		45.2		ug/kg	50.0	90%	75 - 125	9061083	NSF0613-04RE1	06/11/09 23:52
Surrogate: Toluene-d8		53.1		ug/kg	50.0	106%	76 - 129	9061083	NSF0613-04RE1	06/11/09 23:52
Surrogate: 4-Bromofluorobenzene		62.2		ug/kg	50.0	124%	67 - 147	9061083	NSF0613-04RE1	06/11/09 23:52
9062585-MS1										
Benzene	ND	2.46		mg/kg wet	2.50	98%	42 - 141	9062585	NSF0678-01RE1	06/16/09 01:12
Ethylbenzene	ND	2.46		mg/kg wet	2.50	98%	21 - 165	9062585	NSF0678-01RE1	06/16/09 01:12
Naphthalene	ND	2.28		mg/kg wet	2.50	91%	10 - 160	9062585	NSF0678-01RE1	06/16/09 01:12
Toluene	ND	2.42		mg/kg wet	2.50	97%	45 - 145	9062585	NSF0678-01RE1	06/16/09 01:12
Xylenes, total	ND	7.80		mg/kg wet	7.50	104%	31 - 159	9062585	NSF0678-01RE1	06/16/09 01:12
Surrogate: 1,2-Dichloroethane-d4		43.0		ug/kg	50.0	86%	67 - 138	9062585	NSF0678-01RE1	06/16/09 01:12
Surrogate: Dibromofluoromethane		47.6		ug/kg	50.0	95%	75 - 125	9062585	NSF0678-01RE1	06/16/09 01:12
Surrogate: Toluene-d8		49.6		ug/kg	50.0	99%	76 - 129	9062585	NSF0678-01RE1	06/16/09 01:12
Surrogate: 4-Bromofluorobenzene		50.0		ug/kg	50.0	100%	67 - 147	9062585	NSF0678-01RE1	06/16/09 01:12
Polyaromatic Hydrocarbons by EPA 8270D										
9061227-MS1										
Acenaphthene	ND	1.11		mg/kg wet	1.64	68%	42 - 120	9061227	NSF0661-05	06/16/09 16:52
Acenaphthylene	ND	1.14		mg/kg wet	1.64	70%	32 - 120	9061227	NSF0661-05	06/16/09 16:52
Anthracene	ND	1.25		mg/kg wet	1.64	76%	10 - 200	9061227	NSF0661-05	06/16/09 16:52
Benzo (a) anthracene	0.0538	1.28		mg/kg wet	1.64	75%	41 - 120	9061227	NSF0661-05	06/16/09 16:52
Benzo (a) pyrene	0.0339	1.22		mg/kg wet	1.64	73%	33 - 121	9061227	NSF0661-05	06/16/09 16:52
Benzo (b) fluoranthene	0.0843	1.35		mg/kg wet	1.64	78%	26 - 137	9061227	NSF0661-05	06/16/09 16:52

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D										
9061227-MS1										
Benzo (g,h,i) perylene	0.0535	1.22		mg/kg wet	1.64	71%	21 - 124	9061227	NSF0661-05	06/16/09 16:52
Benzo (k) fluoranthene	0.0538	1.21		mg/kg wet	1.64	70%	14 - 140	9061227	NSF0661-05	06/16/09 16:52
Chrysene	0.0707	1.31		mg/kg wet	1.64	76%	28 - 123	9061227	NSF0661-05	06/16/09 16:52
Dibenz (a,h) anthracene	ND	1.21		mg/kg wet	1.64	74%	25 - 127	9061227	NSF0661-05	06/16/09 16:52
Fluoranthene	0.127	1.29		mg/kg wet	1.64	71%	38 - 120	9061227	NSF0661-05	06/16/09 16:52
Fluorene	ND	1.18		mg/kg wet	1.64	72%	41 - 120	9061227	NSF0661-05	06/16/09 16:52
Indeno (1,2,3-cd) pyrene	0.0458	1.25		mg/kg wet	1.64	74%	25 - 123	9061227	NSF0661-05	06/16/09 16:52
Naphthalene	ND	0.948		mg/kg wet	1.64	58%	25 - 120	9061227	NSF0661-05	06/16/09 16:52
Phenanthrene	ND	1.20		mg/kg wet	1.64	73%	37 - 120	9061227	NSF0661-05	06/16/09 16:52
Pyrene	0.0870	1.26		mg/kg wet	1.64	72%	29 - 125	9061227	NSF0661-05	06/16/09 16:52
1-Methylnaphthalene	ND	0.916		mg/kg wet	1.64	56%	19 - 120	9061227	NSF0661-05	06/16/09 16:52
2-Methylnaphthalene	ND	1.00		mg/kg wet	1.64	61%	11 - 120	9061227	NSF0661-05	06/16/09 16:52
Surrogate: Terphenyl-d14		1.30		mg/kg wet	1.64	79%	18 - 120	9061227	NSF0661-05	06/16/09 16:52
Surrogate: 2-Fluorobiphenyl		1.13		mg/kg wet	1.64	69%	14 - 120	9061227	NSF0661-05	06/16/09 16:52
Surrogate: Nitrobenzene-d5		0.986		mg/kg wet	1.64	60%	17 - 120	9061227	NSF0661-05	06/16/09 16:52

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
9061083-MSD1												
Benzene	0.386	3.58		mg/kg wet	3.43	93%	42 - 141	4	50	9061083	NSF0613-04RE1	06/12/09 00:23
Ethylbenzene	0.327	4.35		mg/kg wet	3.43	117%	21 - 165	4	50	9061083	NSF0613-04RE1	06/12/09 00:23
Naphthalene	0.637	4.45		mg/kg wet	3.43	111%	10 - 160	6	50	9061083	NSF0613-04RE1	06/12/09 00:23
Toluene	1.06	4.82		mg/kg wet	3.43	110%	45 - 145	4	50	9061083	NSF0613-04RE1	06/12/09 00:23
Xylenes, total	1.57	13.8		mg/kg wet	10.3	118%	31 - 159	5	50	9061083	NSF0613-04RE1	06/12/09 00:23
Surrogate: 1,2-Dichloroethane-d4		40.6		ug/kg	50.0	81%	67 - 138			9061083	NSF0613-04RE1	06/12/09 00:23
Surrogate: Dibromofluoromethane		45.6		ug/kg	50.0	91%	75 - 125			9061083	NSF0613-04RE1	06/12/09 00:23
Surrogate: Toluene-d8		52.9		ug/kg	50.0	106%	76 - 129			9061083	NSF0613-04RE1	06/12/09 00:23
Surrogate: 4-Bromofluorobenzene		61.2		ug/kg	50.0	122%	67 - 147			9061083	NSF0613-04RE1	06/12/09 00:23
9062585-MSD1												
Benzene	ND	1.48		mg/kg wet	2.50	59%	42 - 141	50	50	9062585	NSF0678-01RE1	06/16/09 01:42
Ethylbenzene	ND	0.608	R	mg/kg wet	2.50	24%	21 - 165	121	50	9062585	NSF0678-01RE1	06/16/09 01:42
Naphthalene	ND	0.998	R	mg/kg wet	2.50	40%	10 - 160	78	50	9062585	NSF0678-01RE1	06/16/09 01:42
Toluene	ND	1.04	M8, R2	mg/kg wet	2.50	42%	45 - 145	80	50	9062585	NSF0678-01RE1	06/16/09 01:42
Xylenes, total	ND	1.74	M8, R2	mg/kg wet	7.50	23%	31 - 159	127	50	9062585	NSF0678-01RE1	06/16/09 01:42
Surrogate: 1,2-Dichloroethane-d4		39.7		ug/kg	50.0	79%	67 - 138			9062585	NSF0678-01RE1	06/16/09 01:42
Surrogate: Dibromofluoromethane		44.6		ug/kg	50.0	89%	75 - 125			9062585	NSF0678-01RE1	06/16/09 01:42
Surrogate: Toluene-d8		49.8		ug/kg	50.0	100%	76 - 129			9062585	NSF0678-01RE1	06/16/09 01:42
Surrogate: 4-Bromofluorobenzene		50.7		ug/kg	50.0	101%	67 - 147			9062585	NSF0678-01RE1	06/16/09 01:42
Polyaromatic Hydrocarbons by EPA 8270D												
9061227-MSD1												
Acenaphthene	ND	1.49		mg/kg wet	1.64	91%	42 - 120	29	40	9061227	NSF0661-05	06/16/09 17:13
Acenaphthylene	ND	1.50		mg/kg wet	1.64	91%	32 - 120	27	30	9061227	NSF0661-05	06/16/09 17:13
Anthracene	ND	1.65		mg/kg wet	1.64	100%	10 - 200	28	50	9061227	NSF0661-05	06/16/09 17:13
Benzo (a) anthracene	0.0538	1.69		mg/kg wet	1.64	100%	41 - 120	28	30	9061227	NSF0661-05	06/16/09 17:13
Benzo (a) pyrene	0.0339	1.67		mg/kg wet	1.64	100%	33 - 121	31	33	9061227	NSF0661-05	06/16/09 17:13
Benzo (b) fluoranthene	0.0843	1.82		mg/kg wet	1.64	105%	26 - 137	29	42	9061227	NSF0661-05	06/16/09 17:13
Benzo (g,h,i) perylene	0.0535	1.58		mg/kg wet	1.64	93%	21 - 124	26	32	9061227	NSF0661-05	06/16/09 17:13
Benzo (k) fluoranthene	0.0538	1.98	M1	mg/kg wet	1.64	117%	14 - 140	49	39	9061227	NSF0661-05	06/16/09 17:13

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D												
9061227-MSD1												
Chrysene	0.0707	1.77		mg/kg wet	1.64	104%	28 - 123	30	34	9061227	NSF0661-05	06/16/09 17:13
Dibenz (a,h) anthracene	ND	1.59		mg/kg wet	1.64	97%	25 - 127	27	31	9061227	NSF0661-05	06/16/09 17:13
Fluoranthene	0.127	1.81		mg/kg wet	1.64	102%	38 - 120	34	35	9061227	NSF0661-05	06/16/09 17:13
Fluorene	ND	1.53		mg/kg wet	1.64	93%	41 - 120	25	37	9061227	NSF0661-05	06/16/09 17:13
Indeno (1,2,3-cd) pyrene	0.0458	1.64		mg/kg wet	1.64	97%	25 - 123	27	32	9061227	NSF0661-05	06/16/09 17:13
Naphthalene	ND	1.18		mg/kg wet	1.64	72%	25 - 120	22	42	9061227	NSF0661-05	06/16/09 17:13
Phenanthrene	ND	1.61		mg/kg wet	1.64	98%	37 - 120	29	32	9061227	NSF0661-05	06/16/09 17:13
Pyrene	0.0870	1.66		mg/kg wet	1.64	95%	29 - 125	27	40	9061227	NSF0661-05	06/16/09 17:13
1-Methylnaphthalene	ND	1.14		mg/kg wet	1.64	69%	19 - 120	22	45	9061227	NSF0661-05	06/16/09 17:13
2-Methylnaphthalene	ND	1.25		mg/kg wet	1.64	76%	11 - 120	22	50	9061227	NSF0661-05	06/16/09 17:13
Surrogate: Terphenyl-d14		1.41		mg/kg wet	1.64	86%	18 - 120			9061227	NSF0661-05	06/16/09 17:13
Surrogate: 2-Fluorobiphenyl		1.32		mg/kg wet	1.64	81%	14 - 120			9061227	NSF0661-05	06/16/09 17:13
Surrogate: Nitrobenzene-d5		1.08		mg/kg wet	1.64	66%	17 - 120			9061227	NSF0661-05	06/16/09 17:13

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

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

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF0579
	1017 9 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/05/09 08:00

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
B1	Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
CF7	Result may be elevated due to carry over from previously analyzed sample.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
R2	The RPD exceeded the acceptance limit.
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

NSF0579

06/19/09 23:59

TestAmerica THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

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

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

Compliance Monitoring? Yes ____ No ____

Enforcement Action? Yes ____ No ____

Client Name/Account #: EEG # 2449

Address: 10179 Highway 78

City/State/Zip: Ladson, SC 29456

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

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

Sampler Name: (Print) Nath Shaw

Sampler Signature:

Site State: SC

PO#: 0829

TA Quote #:

Project ID: Laurel Bay Housing Project

Project #:

	Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	~~HCl (Blue Label)~~ $NaHSO_4$	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	None (Black Label)	Other (Specify) Methanol	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: BTEX + Napth - 8260B	PAH - 8270C										Number of Containers
1	1050 GARDENIA	6/1/09	0945	5	X					2				2	1					X		3	2									
2	1052 GARDENIA	6/1/09	1210	5	X					2				2	1					X		3	2									
3	1053 GARDENIA	6/2/09	1200	5	X					2				2	1					X		3	2									
4	1055 GARDENIA	6/2/09	1445	5	X					2				2	1					X		3	2									
5	1057 GARDENIA-1	6/3/09	1115	5	X					2				2	1					X		3	2									
6	1057 GARDENIA-2	6/3/09	1400	5	X					2				2	1					X		3	2									
7	1058 GARDENIA-1	6/4/09	1105	5	X					2				2	1					X		3	2									
8	1058 GARDENIA-2	6/4/09	1415	5	X					2				2	1					X		3	2									

Special Instructions:

Method of Shipment: FEDEX

Relinquished by:	Date	Time	Received by:	Date	Time
	6/4/09	1900	FEDEX	6/4/09	
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
				6/5	8:20

Laboratory Comments:

Temperature Upon Receipt: 3-7 °C

VOCs Free of Headspace? Y

ATTACHMENT A

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

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

CWM

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of 1

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

4. Generator's Phone 843 228-6460

A. Manifest Number WMNA 10885472

B. State Generator's ID

5. Transporter 1 Company Name: EEG, Inc. | 6. US EPA ID Number | C. State Transporter's ID

D. Transporter's Phone 843 879-0411

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
HICKORY HILL LANDFILL
ROUTE 1, BOX 121
RIDGELAND SC 29936

10. US EPA ID Number | G. State Facility's ID

H. Facility's Phone 843 987-4843

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
GENERATOR a. Heating Oil Tank filled with Sand WM Profile # 1026558C	001		1C.16	TN	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

Landfill _____ Solidification _____

Bio Remediation _____

K. Disposal Location

Cell Level

Grid

15. Special Handling Instructions and Additional Information
6 EA UST's from Houses
1) 1047 GARDENIA 4) 1053 GARDENIA
2) 1050 GARDENIA 5) 1055 GARDENIA
Purchase Order # 3) 1052 GARDENIA EMERGENCY CONTACT: 6) 1110 IRIS

16. GENERATOR'S CERTIFICATION:

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

Printed/Typed Name: William A. Drawdy | Signature "On behalf of" | Month Day Year: 10/2/2019

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed 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/Typed Name: Jan Collins | Signature | Month Day Year: 10/2/19

CWM - NHM - 1 - 5/97

#2 - GENERATOR #1 COPY

Appendix C
Laboratory Analytical Report - Groundwater

CDM - AECOM
Multimedia Joint Venture

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: LAUREL BAY SAMPLING 7/28/08
Pace Project No.: 9224472

Sample: 1052 GARDENIA A **Lab ID: 9224472008** Collected: 07/28/08 09:55 Received: 07/30/08 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM SPE 3510	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	2.0	1	07/31/08 00:00	08/12/08 08:15	83-32-9	
Acenaphthylene	ND	ug/L	1.5	1	07/31/08 00:00	08/12/08 08:15	208-96-8	
Anthracene	**0.072**	ug/L	0.050	1	07/31/08 00:00	08/12/08 08:15	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	07/31/08 00:00	08/12/08 08:15	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.20	1	07/31/08 00:00	08/12/08 08:15	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.30	1	07/31/08 00:00	08/12/08 08:15	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.20	1	07/31/08 00:00	08/12/08 08:15	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.20	1	07/31/08 00:00	08/12/08 08:15	207-08-9	
Chrysene	ND	ug/L	0.10	1	07/31/08 00:00	08/12/08 08:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.20	1	07/31/08 00:00	08/12/08 08:15	53-70-3	
Fluoranthene	ND	ug/L	0.30	1	07/31/08 00:00	08/12/08 08:15	206-44-0	
Fluorene	ND	ug/L	0.31	1	07/31/08 00:00	08/12/08 08:15	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.20	1	07/31/08 00:00	08/12/08 08:15	193-39-5	
1-Methylnaphthalene	ND	ug/L	2.0	1	07/31/08 00:00	08/12/08 08:15	90-12-0	
2-Methylnaphthalene	**2.4**	ug/L	2.0	1	07/31/08 00:00	08/12/08 08:15	91-57-6	
Naphthalene	ND	ug/L	1.5	1	07/31/08 00:00	08/12/08 08:15	91-20-3	
Phenanthrene	**1.1**	ug/L	0.20	1	07/31/08 00:00	08/12/08 08:15	85-01-8	
Pyrene	ND	ug/L	0.10	1	07/31/08 00:00	08/12/08 08:15	129-00-0	
Nitrobenzene-d5 (S)	55	%	50-150	1	07/31/08 00:00	08/12/08 08:15	4165-60-0	
2-Fluorobiphenyl (S)	53	%	50-150	1	07/31/08 00:00	08/12/08 08:15	321-60-8	
Terphenyl-d14 (S)	63	%	50-150	1	07/31/08 00:00	08/12/08 08:15	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		08/01/08 20:31	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		08/01/08 20:31	100-41-4	
Naphthalene	ND	ug/L	1.0	1		08/01/08 20:31	91-20-3	
Toluene	ND	ug/L	1.0	1		08/01/08 20:31	108-88-3	
m&p-Xylene	ND	ug/L	2.0	1		08/01/08 20:31	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		08/01/08 20:31	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109	1		08/01/08 20:31	460-00-4	
Dibromofluoromethane (S)	97	%	85-115	1		08/01/08 20:31	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	79-120	1		08/01/08 20:31	17060-07-0	
Toluene-d8 (S)	99	%	70-120	1		08/01/08 20:31	2037-26-5	

Sample: 1052 GARDENIA B **Lab ID: 9224472009** Collected: 07/28/08 10:10 Received: 07/30/08 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM SPE 3510	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	2.0	1	07/31/08 00:00	08/12/08 08:38	83-32-9	
Acenaphthylene	ND	ug/L	1.5	1	07/31/08 00:00	08/12/08 08:38	208-96-8	
Anthracene	ND	ug/L	0.050	1	07/31/08 00:00	08/12/08 08:38	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	07/31/08 00:00	08/12/08 08:38	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.20	1	07/31/08 00:00	08/12/08 08:38	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.30	1	07/31/08 00:00	08/12/08 08:38	205-99-2	

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(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: LAUREL BAY SAMPLING 7/28/08
Pace Project No.: 9224472

Sample: 1052 GARDENIA B **Lab ID: 9224472009** Collected: 07/28/08 10:10 Received: 07/30/08 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM SPE 3510	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510							
Benzo(g,h,i)perylene	ND	ug/L	0.20	1	07/31/08 00:00	08/12/08 08:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.20	1	07/31/08 00:00	08/12/08 08:38	207-08-9	
Chrysene	ND	ug/L	0.10	1	07/31/08 00:00	08/12/08 08:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.20	1	07/31/08 00:00	08/12/08 08:38	53-70-3	
Fluoranthene	ND	ug/L	0.30	1	07/31/08 00:00	08/12/08 08:38	206-44-0	
Fluorene	ND	ug/L	0.31	1	07/31/08 00:00	08/12/08 08:38	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.20	1	07/31/08 00:00	08/12/08 08:38	193-39-5	
1-Methylnaphthalene	ND	ug/L	2.0	1	07/31/08 00:00	08/12/08 08:38	90-12-0	
2-Methylnaphthalene	ND	ug/L	2.0	1	07/31/08 00:00	08/12/08 08:38	91-57-6	
Naphthalene	ND	ug/L	1.5	1	07/31/08 00:00	08/12/08 08:38	91-20-3	
Phenanthrene	ND	ug/L	0.20	1	07/31/08 00:00	08/12/08 08:38	85-01-8	
Pyrene	ND	ug/L	0.10	1	07/31/08 00:00	08/12/08 08:38	129-00-0	
Nitrobenzene-d5 (S)	50	%	50-150	1	07/31/08 00:00	08/12/08 08:38	4165-60-0	
2-Fluorobiphenyl (S)	55	%	50-150	1	07/31/08 00:00	08/12/08 08:38	321-60-8	
Terphenyl-d14 (S)	53	%	50-150	1	07/31/08 00:00	08/12/08 08:38	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		08/01/08 20:55	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		08/01/08 20:55	100-41-4	
Naphthalene	ND	ug/L	1.0	1		08/01/08 20:55	91-20-3	
Toluene	ND	ug/L	1.0	1		08/01/08 20:55	108-88-3	
m&p-Xylene	ND	ug/L	2.0	1		08/01/08 20:55	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		08/01/08 20:55	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109	1		08/01/08 20:55	460-00-4	
Dibromofluoromethane (S)	97	%	85-115	1		08/01/08 20:55	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120	1		08/01/08 20:55	17060-07-0	
Toluene-d8 (S)	100	%	70-120	1		08/01/08 20:55	2037-26-5	

Sample: 1135 IRIS A **Lab ID: 9224472010** Collected: 07/28/08 18:25 Received: 07/30/08 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM SPE 3510	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	2.0	1	07/31/08 00:00	08/12/08 09:48	83-32-9	
Acenaphthylene	ND	ug/L	1.5	1	07/31/08 00:00	08/12/08 09:48	208-96-8	
Anthracene	ND	ug/L	0.050	1	07/31/08 00:00	08/12/08 09:48	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	07/31/08 00:00	08/12/08 09:48	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.20	1	07/31/08 00:00	08/12/08 09:48	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.30	1	07/31/08 00:00	08/12/08 09:48	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.20	1	07/31/08 00:00	08/12/08 09:48	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.20	1	07/31/08 00:00	08/12/08 09:48	207-08-9	
Chrysene	ND	ug/L	0.10	1	07/31/08 00:00	08/12/08 09:48	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.20	1	07/31/08 00:00	08/12/08 09:48	53-70-3	
Fluoranthene	ND	ug/L	0.30	1	07/31/08 00:00	08/12/08 09:48	206-44-0	
Fluorene	ND	ug/L	0.31	1	07/31/08 00:00	08/12/08 09:48	86-73-7	

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ANALYTICAL RESULTS

Project: LAUREL BAY SAMPLING 7/25/08
Pace Project No.: 9224353

Sample: 1052 GARDENIA C **Lab ID: 9224353015** Collected: 07/25/08 17:45 Received: 07/29/08 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM SPE	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3535							
Acenaphthene	ND	ug/L	20.0	1	07/31/08 00:00	08/12/08 04:45	83-32-9	
Acenaphthylene	ND	ug/L	15.0	1	07/31/08 00:00	08/12/08 04:45	208-96-8	
Anthracene	ND	ug/L	0.50	1	07/31/08 00:00	08/12/08 04:45	120-12-7	
Benzo(a)anthracene	ND	ug/L	1.0	1	07/31/08 00:00	08/12/08 04:45	56-55-3	
Benzo(a)pyrene	ND	ug/L	2.0	1	07/31/08 00:00	08/12/08 04:45	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	3.0	1	07/31/08 00:00	08/12/08 04:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	2.0	1	07/31/08 00:00	08/12/08 04:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	2.0	1	07/31/08 00:00	08/12/08 04:45	207-08-9	
Chrysene	ND	ug/L	1.0	1	07/31/08 00:00	08/12/08 04:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	2.0	1	07/31/08 00:00	08/12/08 04:45	53-70-3	
Fluoranthene	ND	ug/L	3.0	1	07/31/08 00:00	08/12/08 04:45	206-44-0	
Fluorene	ND	ug/L	3.1	1	07/31/08 00:00	08/12/08 04:45	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	2.0	1	07/31/08 00:00	08/12/08 04:45	193-39-5	
1-Methylnaphthalene	ND	ug/L	20.0	1	07/31/08 00:00	08/12/08 04:45	90-12-0	
2-Methylnaphthalene	ND	ug/L	20.0	1	07/31/08 00:00	08/12/08 04:45	91-57-6	
Naphthalene	ND	ug/L	15.0	1	07/31/08 00:00	08/12/08 04:45	91-20-3	
Phenanthrene	ND	ug/L	2.0	1	07/31/08 00:00	08/12/08 04:45	85-01-8	
Pyrene	ND	ug/L	1.0	1	07/31/08 00:00	08/12/08 04:45	129-00-0	
Nitrobenzene-d5 (S)	42	%	50-150	1	07/31/08 00:00	08/12/08 04:45	4165-60-0	1g
2-Fluorobiphenyl (S)	58	%	50-150	1	07/31/08 00:00	08/12/08 04:45	321-60-8	
Terphenyl-d14 (S)	65	%	50-150	1	07/31/08 00:00	08/12/08 04:45	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		08/01/08 04:42	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		08/01/08 04:42	100-41-4	
Naphthalene	ND	ug/L	1.0	1		08/01/08 04:42	91-20-3	
Toluene	ND	ug/L	1.0	1		08/01/08 04:42	108-88-3	
m&p-Xylene	ND	ug/L	2.0	1		08/01/08 04:42	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		08/01/08 04:42	95-47-6	
4-Bromofluorobenzene (S)	93	%	87-109	1		08/01/08 04:42	460-00-4	
Dibromofluoromethane (S)	103	%	85-115	1		08/01/08 04:42	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	79-120	1		08/01/08 04:42	17060-07-0	
Toluene-d8 (S)	100	%	70-120	1		08/01/08 04:42	2037-26-5	

Sample: 1165 JASMINE A **Lab ID: 9224353016** Collected: 07/25/08 16:30 Received: 07/29/08 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM SPE	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3535							
Acenaphthene	ND	ug/L	2.0	1	07/31/08 00:00	08/12/08 05:08	83-32-9	
Acenaphthylene	ND	ug/L	1.5	1	07/31/08 00:00	08/12/08 05:08	208-96-8	
Anthracene	ND	ug/L	0.050	1	07/31/08 00:00	08/12/08 05:08	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	07/31/08 00:00	08/12/08 05:08	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.20	1	07/31/08 00:00	08/12/08 05:08	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.30	1	07/31/08 00:00	08/12/08 05:08	205-99-2	

Appendix D
Regulatory Correspondence

CDM - AECOM
Multimedia Joint Venture

D H E C

PROMOTE PROTECT PROSPER

Promoting and protecting the health of the public and the environment

20 August 2008

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

Re: MCAS – Laurel Bay Housing – 1052 Gardenia
Site ID # 04013
UST Closure Reports received 31 January 2008
Beaufort County

Dear Mr. Broadfoot:

The purpose of this letter is to verify a release of fuel oil at the referenced residence. According to information received by the Department, the source of the release is from past onsite use of fuel oil USTs. To date, initial activities by the facility have included tank removal and soil sampling. Based on the information contained in the closure report, a potential violation of the South Carolina Pollution Control Act has occurred in that there has been an unauthorized release of petroleum to the environment.

Additional assessment activities are required for this site. Specifically the Department requests that a groundwater sample be collected from this site. Please note, the Department approved a groundwater sampling proposal for Laurel Bay submitted by MCAS under separate cover dated 16 June 2008.

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

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

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

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

18 December 2008

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

Re: MCAS – Laurel Bay Housing – 1052 Gardenia
Site ID # 04013
Groundwater Sampling Results received 6 November 2008
Beaufort County

Dear Mr. Ehde:

Per the Department's request, a groundwater sample was collected from the referenced site. The groundwater results were reported as non-detect and/or below EPA PRG's. Based on the information and analytical data submitted, the Department recognizes that MCAS has adequately addressed the known environmental contamination identified on the property to date in accordance with the approved scope of work. Consequently, no further investigation is required at this time. Please note, this statement pertains only to the portion of the site addressed in the referenced report and does not apply to other areas of the site and/or any other potential regulatory violations. Further, the Department retains the right to request further investigation if deemed necessary.

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

Sincerely,
AST Petroleum Restoration
& Site Environmental Investigations Section
Land Revitalization Division
Bureau of Land and Waste Management
SC Dept. of Health & Environmental Control

Jan T. Cooke, Hydrogeologist

B. Thomas Knight, Manager

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

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

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

August 19, 2009

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

Re: MCAS – Laurel Bay Housing – 1052 Gardenia St.
Site ID # 04013
Soil Sampling Results received August 17, 2009
Beaufort County

Dear Mr. Ehde:

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

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

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

Sincerely,

Jan T. Cooke

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

B. Thomas Knight, Manager

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