SUMMARY REPORT
105 JASMINE STREET (FORMERLY 1161 JASMINE STREET)
LAUREL BAY MILITARY HOUSING AREA
MARINE CORPS AIR STATION BEAUFORT
BEAUFORT, SC

Revision: 0
Prepared for:

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

and

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

JUNE 2021

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Prepared by:

CDM - AECOM
Multimedia Joint Venture

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10560 Arrowhead Drive, Suite 500
Fairfax, Virginia 22030

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

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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 105 Jasmine Street (Formerly 1161 Jasmine Street). This NFA determination indicates that there are no unacceptable risks to human health or the environment for the petroleum constituents associated with the home heating oil USTs. The following information is included in this report:

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

1.1 Background Information

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

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

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

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

1.2 UST Removal and Assessment Process

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

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

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

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

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

2.0 SAMPLING ACTIVITIES AND RESULTS

The following section presents the sampling activities and associated results for 105 Jasmine Street (Formerly 1161 Jasmine Street). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 1161 Jasmine Street* (MCAS Beaufort, 2009). The UST Assessment Report is provided in Appendix B. Details regarding the IGWA sampling activities at this site are provided in the *Initial Groundwater Investigation Report – May and June 2015* (Resolution Consultants, 2015). 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 June 24, 2009, a single 280 gallon heating oil UST was removed from the landscaped area adjacent to the concrete porch at 105 Jasmine Street (Formerly 1161 Jasmine Street). The former UST location is indicated on Figures 2 and 3 of the UST Assessment Report (Appendix B). The UST was removed, cleaned, and shipped offsite for recycling. There was no visual

evidence (i.e., staining or sheen) of petroleum impact at the time of the UST removal. According to the UST Assessment Report (Appendix B), the depth to the base of the UST was 6'1" bgs and a single soil sample was collected from that depth. The sample was collected from the fill port side of the former UST to represent a worst case scenario.

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

2.2 Soil Analytical Results

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

The soil sample results were submitted by MCAS Beaufort to SCDHEC utilizing SCDHEC's UST Assessment Report form (Appendix B). The results of the soil sampling at the former UST location were used by MCAS Beaufort, in consultation with SCDHEC, to determine a path forward (i.e., additional sampling or NFA) for the property. The soil results collected from 105 Jasmine Street (Formerly 1161 Jasmine Street) were greater than the SCDHEC RBSLs, which indicated further investigation was required. In a letter dated May 15, 2014, SCDHEC requested an IGWA for 105 Jasmine Street (Formerly 1161 Jasmine Street) to determine if the groundwater was impacted by petroleum COPCs. SCDHEC's request letter is provided in Appendix D.

2.3 Groundwater Sampling

On May 19, 2015, a temporary monitoring well was installed at 105 Jasmine Street (Formerly 1161 Jasmine Street), in accordance with the South Carolina Well Standards and Regulations (R.61-71.H-I, updated June 24, 2016). In order to provide data that can be used to determine whether COPCs are migrating to underlying groundwater, the monitoring well was placed in the same general location as the former heating oil UST. The former UST location is indicated on Figures 2 and 3 of the UST Assessment Report (Appendix B). Further details are provided in the *Initial Groundwater Investigation Report – May and June 2015* (Resolution Consultants, 2015).

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

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 105 Jasmine Street (Formerly 1161 Jasmine Street) were less than the SCDHEC RBSLs and the site specific groundwater VISLs (Table 2), which indicated that the groundwater was not impacted by COPCs associated with the former UST at concentrations that present a potential risk to human health and the environment.

3.0 PROPERTY STATUS

Based on the analytical results for groundwater, SCDHEC made the determination that NFA was required for 105 Jasmine Street (Formerly 1161 Jasmine Street). This NFA determination was obtained in a letter dated February 22, 2016. SCDHEC's NFA letter is provided in Appendix D.

4.0 REFERENCES

Marine Corps Air Station Beaufort, 2009. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 1161 Jasmine Street, Laurel Bay Military Housing Area*, September 2009.

Resolution Consultants, 2015. *Initial Groundwater Investigation Report – May and June 2015 for Laurel Bay Military Housing Area, Multiple Properties, Laurel Bay Military Housing Area, Marine Corps Air Station Beaufort, Beaufort, South Carolina*, October 2015.

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
105 Jasmine Street (Formerly 1161 Jasmine Street)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs [1]	Results Sample Collected 06/24/09
Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)		
Benzene	0.003	ND
Ethylbenzene	1.15	**0.112**
Naphthalene	0.036	**4.36**
Toluene	0.627	**0.0213**
Xylenes, Total	13.01	**1.39**
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (mg/kg)		
Benzo(a)anthracene	0.66	**0.498**
Benzo(b)fluoranthene	0.66	**0.345**
Benzo(k)fluoranthene	0.66	**0.294**
Chrysene	0.66	**0.501**
Dibenz(a,h)anthracene	0.66	ND

Notes:

[1] South Carolina Risk-Based Screening Levels from the Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 2.0 (SCDHEC, April 2013).

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
105 Jasmine Street (Formerly 1161 Jasmine Street)
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 05/18/15
Volatile Organic Compounds Analyzed by EPA Method 8260B (µg/L)			
Benzene	5	16.24	ND
Ethylbenzene	700	45.95	ND
Naphthalene	25	29.33	ND
Toluene	1000	105,445	ND
Xylenes, Total	10,000	2,133	ND
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (µg/L)			
Benzo(a)anthracene	10	NA	ND
Benzo(b)fluoranthene	10	NA	ND
Benzo(k)fluoranthene	10	NA	ND
Chrysene	10	NA	ND
Dibenz(a,h)anthracene	10	NA	ND

Notes:

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

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

Bold font indicates the analyte was detected.

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

EPA - United States Environmental Protection Agency

JE - Johnson & Ettinger

NA - Not Applicable

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

RBSL - Risk-Based Screening Level

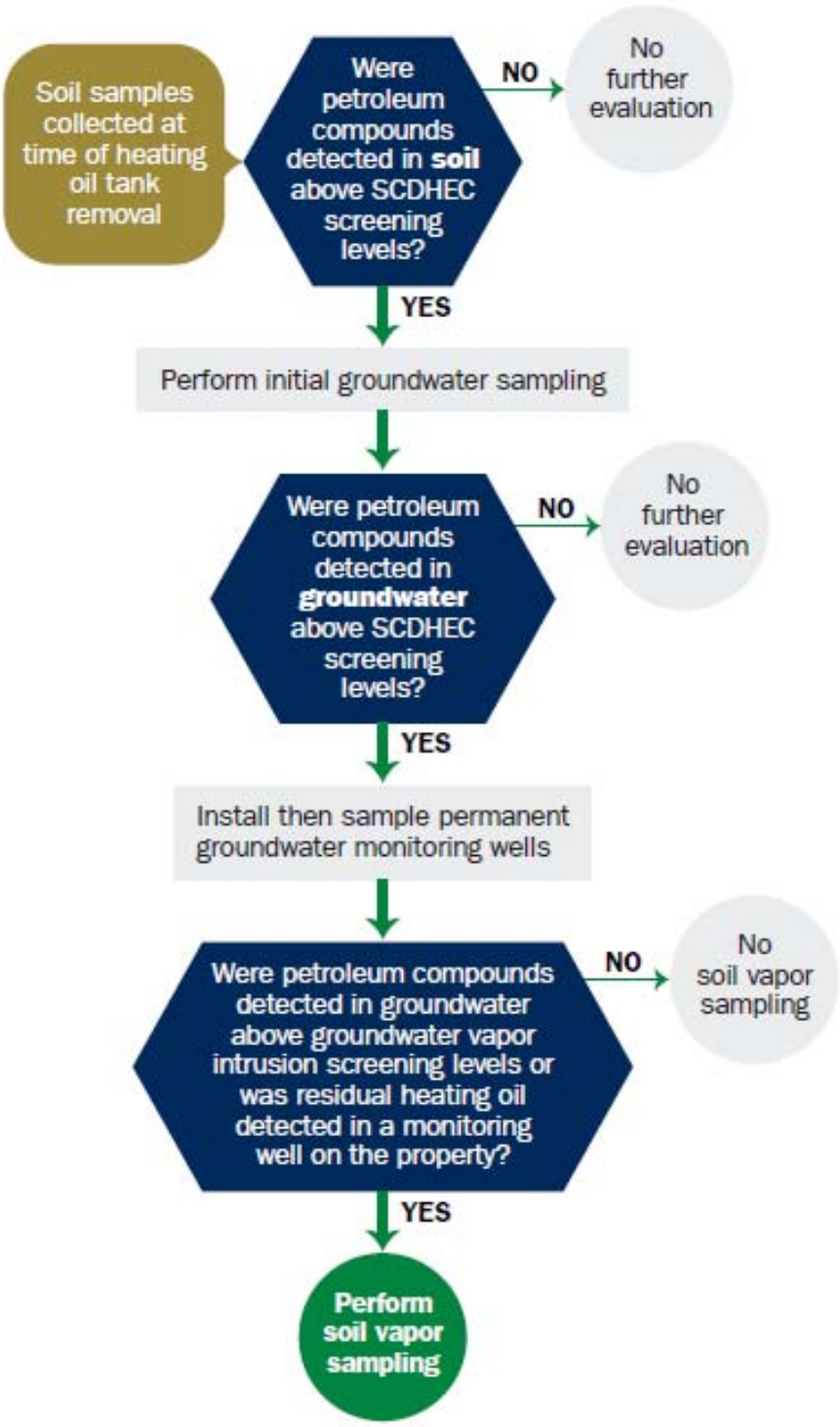
SCDHEC - South Carolina Department Of Health and Environmental Control

µg/L - micrograms per liter

VISL - Vapor Intrusion Screening Level

Appendix A
Multi-Media Selection Process for LBMH

CDM - AECOM
Multimedia Joint Venture



Appendix A - Multi-Media Selection Process for LBMH

Appendix B
UST Assessment Report

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) 896-7957

RECEIVED
SEP 2 3 2009
SITE ASSESSMENT, REMEDIATION & REVITALIZATION

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

1161 Jasmine 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).....	1161Jasmine				
B. Capacity..(ex. 1k, 2k).....	Heating oil				
C. Age.....	280 gal				
D. Construction Material..(ex. Steel, FRP).....	Late 1950s				
E. Month/Year of Last Use.....	Steel				
F. Depth (ft.) To Base of Tank.....	Mid 1980s				
G. Spill Prevention Equipment Y/N.....	6'1"				
H. Overfill Prevention Equipment Y/N.....	No				
I. Method of Closure Removed/Filled.....	No				
J. Date Tanks Removed/Filled.....	Removed				
K. Visible Corrosion or Pitting Y/N.....	6/24/09				
L. Visible Holes Y/N.....	Yes				
	Yes				

M. Method of disposal for any USTs removed from the ground (attach disposal manifests)
UST 1161Jasmine 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 1161Jasmine 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 through out the tank.

VII. PIPING INFORMATION

1161Jasmine				
Steel & Copper				
N/A				
N/A				
Suction				
Yes				
Yes				
No				
Late 1950s				

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

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

C. Number of Dispensers.....

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

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

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

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

H. Age.....

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

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

VIII. BRIEF SITE DESCRIPTION AND HISTORY

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

IX. SITE CONDITIONS

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

X. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number 96012001

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA #
1161 Jasmine	Excav at fill end	Soil	Sandy	6'1"	6/24/09 1350 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, water and electric. 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)

1161 JASMINE ST.

0 150 300 600 900 1,200 Feet

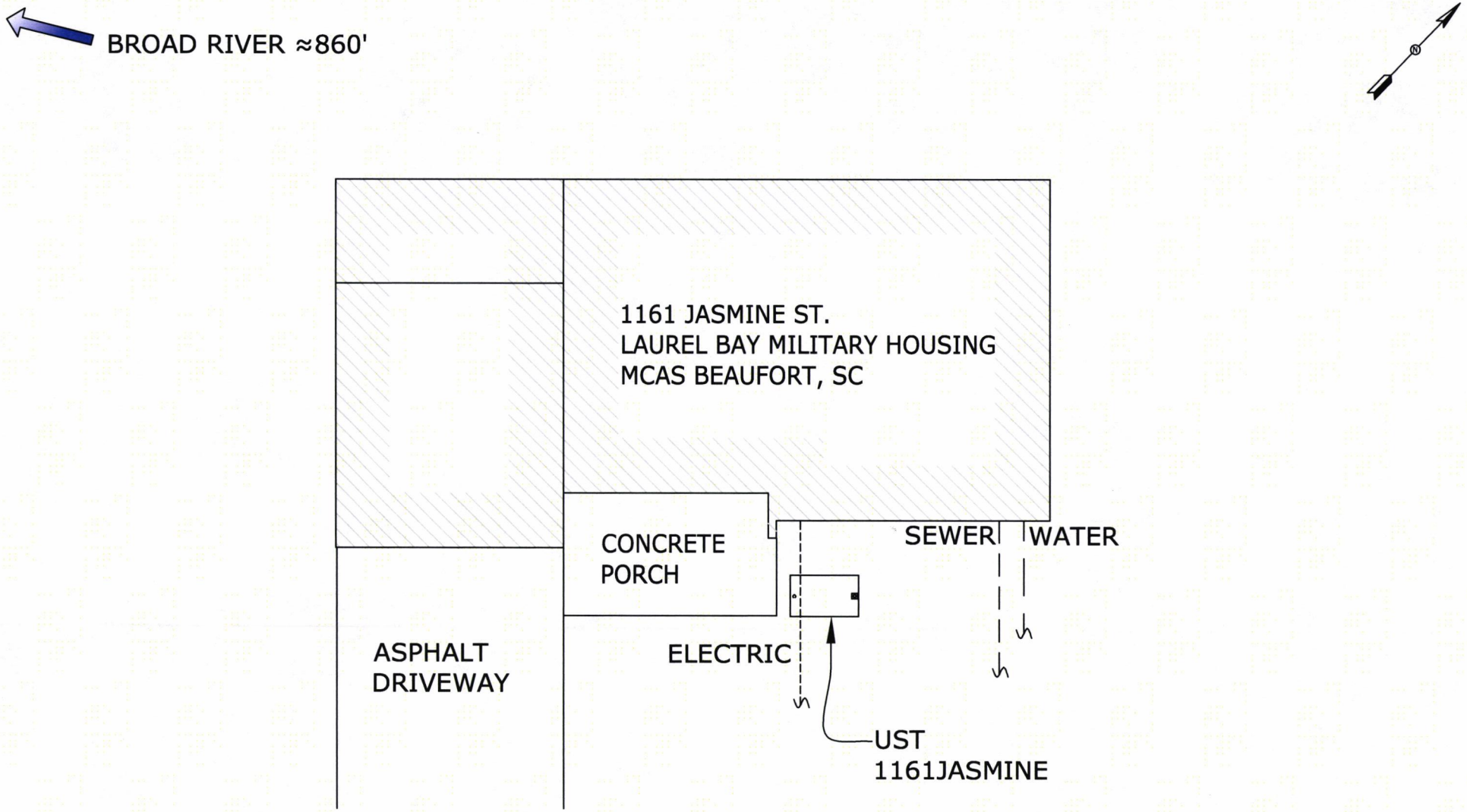
SBG-EEG, Inc.
Small Business Group, Inc.
10179 Hwy 78
Ladson, SC 29456

Ph. (843) 879-0400

Drawn By: L. DiAsio

Dwg Date: July 2009

FIGURE 1: LOCATION MAP
1161 JASMINE ST, LAUREL BAY
MCAS BEAUFORT SC



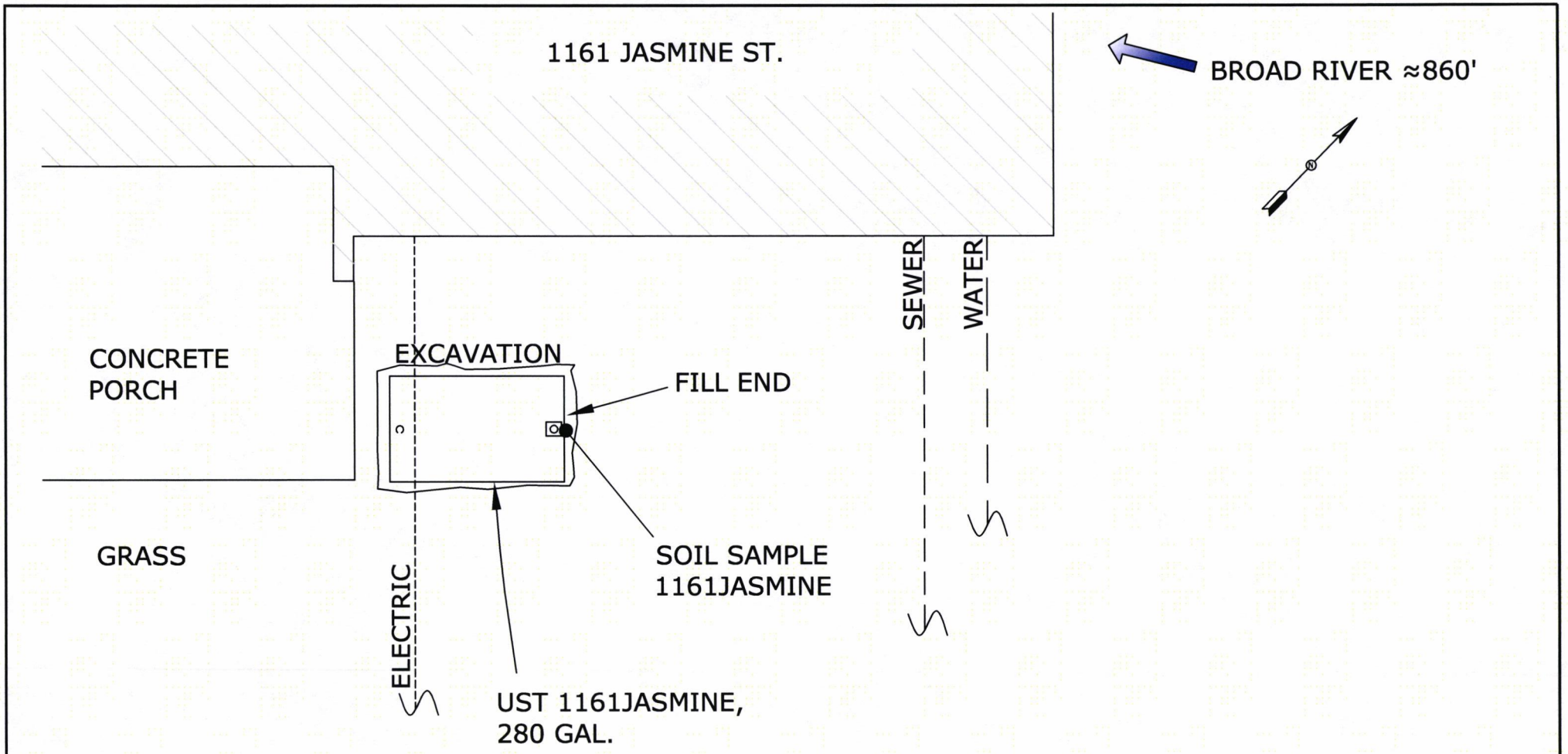
GRAPHIC SCALE

0 5' 10' 20'

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

FIGURE 2 SITE MAP
1161 JASMINE ST., LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC | DWG DATE JULY 2009



GRAPHIC SCALE
0 5'

UST 1161JASMINE WAS
37" BELOW GRADE.

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

FIGURE 3 UST SAMPLE LOCATIONS
1161 JASMINE ST., LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC | DWG DATE JULY 2009

Picture 1: Location of UST 1161Jasmine prior to excavation.

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	1161Jasmine						
Benzene	ND						
Toluene	0.0213 mg/kg						
Ethylbenzene	0.112 mg/kg						
Xylenes	1.39 mg/kg						
Naphthalene	4.36 mg/kg						
Benzo (a) anthracene	0.498 mg/kg						
Benzo (b) fluoranthene	0.345 mg/kg						
Benzo (k) fluoranthene	0.294 mg/kg						
Chrysene	0.501 mg/kg						
Dibenz (a, h) anthracene	ND						
TPH (EPA 3550)							

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

SUMMARY OF ANALYSIS RESULTS (cont'd)

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

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

XV. ANALYTICAL RESULTS

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

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

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

July 10, 2009 2:59:53PM

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

Work Order: NSF2552
Project Name: Laurel Bay Housing Project
Project Nbr: [none]
P/O Nbr: 08087
Date Received: 06/26/09

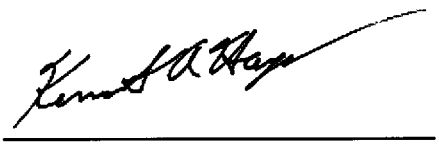
SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
1129 Iris	NSF2552-01	06/22/09 09:45
1138 Iris	NSF2552-02	06/22/09 13:55
1137 Iris	NSF2552-03	06/23/09 11:50
1144 Iris-1	NSF2552-04	06/23/09 15:30
1144 Iris-2	NSF2552-05	06/24/09 09:20
1148 Iris-1	NSF2552-06	06/24/09 11:45
1148 Iris-2	NSF2552-07	06/24/09 13:45
1161 Jasmine	NSF2552-08	06/24/09 13:50
1162 Jasmine	NSF2552-09	06/25/09 09:10
1168 Jasmine	NSF2552-10	06/25/09 11:15

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.

Additional Laboratory Comments:
8260B analysis was performed several times at a 50X dilution on sample NSF2552-06 but this proved to be to great a dilution to achieve reportable results. It was determined that reporting the data from the 1X dilution was most representative of the analyte levels present in the sample.
South Carolina Certification Number: 84009001

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

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:



Ken A. Hayes

Senior Project Manager

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF2552-01 (1129 Iris - Soil) Sampled: 06/22/09 09:45								
General Chemistry Parameters								
% Dry Solids	**79.4**		%	0.500	1	07/02/09 07:50	SW-846	9070070
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00223	1	07/01/09 16:28	SW846 8260B	9064487
Ethylbenzene	**0.176**		mg/kg dry	0.00223	1	07/01/09 16:28	SW846 8260B	9064487
Naphthalene	**1.21**		mg/kg dry	0.274	50	07/02/09 17:16	SW846 8260B	9070397
Toluene	ND		mg/kg dry	0.00223	1	07/01/09 16:28	SW846 8260B	9064487
Xylenes, total	**0.419**		mg/kg dry	0.00556	1	07/01/09 16:28	SW846 8260B	9064487
Surr: 1,2-Dichloroethane-d4 (67-138%)	*127 %*					*07/01/09 16:28*	*SW846 8260B*	*9064487*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*100 %*					*07/02/09 17:16*	*SW846 8260B*	*9070397*
Surr: Dibromofluoromethane (75-125%)	*110 %*					*07/01/09 16:28*	*SW846 8260B*	*9064487*
Surr: Dibromofluoromethane (75-125%)	*88 %*					*07/02/09 17:16*	*SW846 8260B*	*9070397*
Surr: Toluene-d8 (76-129%)	*130 %*	*ZX*				*07/01/09 16:28*	*SW846 8260B*	*9064487*
Surr: Toluene-d8 (76-129%)	*113 %*					*07/02/09 17:16*	*SW846 8260B*	*9070397*
Surr: 4-Bromofluorobenzene (67-147%)	*292 %*	*ZX*				*07/01/09 16:28*	*SW846 8260B*	*9064487*
Surr: 4-Bromofluorobenzene (67-147%)	*112 %*					*07/02/09 17:16*	*SW846 8260B*	*9070397*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
Acenaphthylene	ND		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
Anthracene	ND		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
Benzo (a) anthracene	ND		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
Benzo (a) pyrene	ND		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
Benzo (b) fluoranthene	ND		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
Benzo (k) fluoranthene	ND		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
Chrysene	ND		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
Fluoranthene	**0.182**		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
Fluorene	**0.232**		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
Naphthalene	**0.138**		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
Phenanthrene	**0.556**		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
Pyrene	**0.155**		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
1-Methylnaphthalene	**0.928**		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
2-Methylnaphthalene	**1.40**		mg/kg dry	0.0836	1	07/08/09 19:42	SW846 8270D	9070221
Surr: Terphenyl-d14 (18-120%)	*18 %*					*07/08/09 19:42*	*SW846 8270D*	*9070221*
Surr: 2-Fluorobiphenyl (14-120%)	*17 %*					*07/08/09 19:42*	*SW846 8270D*	*9070221*
Surr: Nitrobenzene-d5 (17-120%)	*19 %*					*07/08/09 19:42*	*SW846 8270D*	*9070221*

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF2552-02 (1138 Iris - Soil) Sampled: 06/22/09 13:55								
General Chemistry Parameters								
% Dry Solids	**79.5**		%	0.500	1	07/02/09 07:50	SW-846	9070070
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00205	1	07/01/09 16:57	SW846 8260B	9064487
Ethylbenzene	**0.428**		mg/kg dry	0.119	50	07/02/09 17:46	SW846 8260B	9070397
Naphthalene	**6.74**		mg/kg dry	0.297	50	07/02/09 17:46	SW846 8260B	9070397
Toluene	**0.00444**		mg/kg dry	0.00205	1	07/01/09 16:57	SW846 8260B	9064487
Xylenes, total	**0.303**		mg/kg dry	0.297	50	07/02/09 17:46	SW846 8260B	9070397
Surr: 1,2-Dichloroethane-d4 (67-138%)	*110 %*					*07/01/09 16:57*	*SW846 8260B*	*9064487*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*104 %*					*07/02/09 17:46*	*SW846 8260B*	*9070397*
Surr: Dibromofluoromethane (75-125%)	*101 %*					*07/01/09 16:57*	*SW846 8260B*	*9064487*
Surr: Dibromofluoromethane (75-125%)	*90 %*					*07/02/09 17:46*	*SW846 8260B*	*9070397*
Surr: Toluene-d8 (76-129%)	*990 %*	*ZX*				*07/01/09 16:57*	*SW846 8260B*	*9064487*
Surr: Toluene-d8 (76-129%)	*118 %*					*07/02/09 17:46*	*SW846 8260B*	*9070397*
Surr: 4-Bromofluorobenzene (67-147%)	*681 %*	*ZX*				*07/01/09 16:57*	*SW846 8260B*	*9064487*
Surr: 4-Bromofluorobenzene (67-147%)	*122 %*					*07/02/09 17:46*	*SW846 8260B*	*9070397*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	**2.86**		mg/kg dry	0.834	10	07/08/09 21:59	SW846 8270D	9070221
Acenaphthylene	ND		mg/kg dry	0.834	10	07/08/09 21:59	SW846 8270D	9070221
Anthracene	**1.57**		mg/kg dry	0.834	10	07/08/09 21:59	SW846 8270D	9070221
Benzo (a) anthracene	**1.84**		mg/kg dry	0.834	10	07/08/09 21:59	SW846 8270D	9070221
Benzo (a) pyrene	**0.971**		mg/kg dry	0.834	10	07/08/09 21:59	SW846 8270D	9070221
Benzo (b) fluoranthene	**0.934**		mg/kg dry	0.834	10	07/08/09 21:59	SW846 8270D	9070221
Benzo (g,h,i) perylene	ND		mg/kg dry	0.834	10	07/08/09 21:59	SW846 8270D	9070221
Benzo (k) fluoranthene	**1.11**		mg/kg dry	0.834	10	07/08/09 21:59	SW846 8270D	9070221
Chrysene	**2.49**		mg/kg dry	0.834	10	07/08/09 21:59	SW846 8270D	9070221
Dibenz (a,h) anthracene	ND		mg/kg dry	0.834	10	07/08/09 21:59	SW846 8270D	9070221
Fluoranthene	**5.27**		mg/kg dry	0.834	10	07/08/09 21:59	SW846 8270D	9070221
Fluorene	**6.65**		mg/kg dry	0.834	10	07/08/09 21:59	SW846 8270D	9070221
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.834	10	07/08/09 21:59	SW846 8270D	9070221
Naphthalene	**6.33**		mg/kg dry	0.834	10	07/08/09 21:59	SW846 8270D	9070221
Phenanthrene	**13.2**		mg/kg dry	0.834	10	07/08/09 21:59	SW846 8270D	9070221
Pyrene	**4.81**		mg/kg dry	0.834	10	07/08/09 21:59	SW846 8270D	9070221
1-Methylnaphthalene	**28.5**		mg/kg dry	0.834	10	07/08/09 21:59	SW846 8270D	9070221
2-Methylnaphthalene	**69.8**		mg/kg dry	8.34	100	07/08/09 22:22	SW846 8270D	9070221
Surr: Terphenyl-d14 (18-120%)	*95 %*					*07/08/09 21:59*	*SW846 8270D*	*9070221*
Surr: 2-Fluorobiphenyl (14-120%)	*111 %*					*07/08/09 21:59*	*SW846 8270D*	*9070221*
Surr: Nitrobenzene-d5 (17-120%)	*105 %*					*07/08/09 21:59*	*SW846 8270D*	*9070221*

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF2552-03 (1137 Iris - Soil) Sampled: 06/23/09 11:50								
General Chemistry Parameters								
% Dry Solids	**81.6**		%	0.500	1	07/02/09 07:50	SW-846	9070070
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00228	1	07/02/09 15:47	SW846 8260B	9070397
Ethylbenzene	ND		mg/kg dry	0.00228	1	07/02/09 15:47	SW846 8260B	9070397
Naphthalene	**0.0102**		mg/kg dry	0.00569	1	07/02/09 15:47	SW846 8260B	9070397
Toluene	ND		mg/kg dry	0.00228	1	07/02/09 15:47	SW846 8260B	9070397
Xylenes, total	ND		mg/kg dry	0.00569	1	07/02/09 15:47	SW846 8260B	9070397
Surr: 1,2-Dichloroethane-d4 (67-138%)	*97 %*					*07/02/09 15:47*	*SW846 8260B*	*9070397*
Surr: Dibromofluoromethane (75-125%)	*88 %*					*07/02/09 15:47*	*SW846 8260B*	*9070397*
Surr: Toluene-d8 (76-129%)	*111 %*					*07/02/09 15:47*	*SW846 8260B*	*9070397*
Surr: 4-Bromofluorobenzene (67-147%)	*110 %*					*07/02/09 15:47*	*SW846 8260B*	*9070397*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
Acenaphthylene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
Anthracene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
Benzo (a) anthracene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
Benzo (a) pyrene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
Benzo (b) fluoranthene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
Benzo (k) fluoranthene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
Chrysene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
Fluoranthene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
Fluorene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
Naphthalene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
Phenanthrene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
Pyrene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
1-Methylnaphthalene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
2-Methylnaphthalene	ND		mg/kg dry	0.0820	1	07/08/09 20:05	SW846 8270D	9070221
Surr: Terphenyl-d14 (18-120%)	*73 %*					*07/08/09 20:05*	*SW846 8270D*	*9070221*
Surr: 2-Fluorobiphenyl (14-120%)	*63 %*					*07/08/09 20:05*	*SW846 8270D*	*9070221*
Surr: Nitrobenzene-d5 (17-120%)	*75 %*					*07/08/09 20:05*	*SW846 8270D*	*9070221*

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF2552-04 (1144 Iris-1 - Soil) Sampled: 06/23/09 15:30								
General Chemistry Parameters								
% Dry Solids	**82.8**		%	0.500	1	07/02/09 07:50	SW-846	9070070
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.0145**		mg/kg dry	0.00200	1	07/01/09 17:57	SW846 8260B	9064487
Ethylbenzene	**0.903**		mg/kg dry	0.107	50	07/02/09 18:15	SW846 8260B	9070397
Naphthalene	**16.6**		mg/kg dry	2.69	500	07/06/09 16:18	SW846 8260B	9070635
Toluene	**0.00285**		mg/kg dry	0.00200	1	07/01/09 17:57	SW846 8260B	9064487
Xylenes, total	**0.785**		mg/kg dry	0.269	50	07/02/09 18:15	SW846 8260B	9070397
Surr: 1,2-Dichloroethane-d4 (67-138%)	*101 %*					*07/01/09 17:57*	*SW846 8260B*	*9064487*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*104 %*					*07/02/09 18:15*	*SW846 8260B*	*9070397*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*101 %*					*07/06/09 16:18*	*SW846 8260B*	*9070635*
Surr: Dibromofluoromethane (75-125%)	*99 %*					*07/01/09 17:57*	*SW846 8260B*	*9064487*
Surr: Dibromofluoromethane (75-125%)	*93 %*					*07/02/09 18:15*	*SW846 8260B*	*9070397*
Surr: Dibromofluoromethane (75-125%)	*98 %*					*07/06/09 16:18*	*SW846 8260B*	*9070635*
Surr: Toluene-d8 (76-129%)	*274 %*	*ZX*				*07/01/09 17:57*	*SW846 8260B*	*9064487*
Surr: Toluene-d8 (76-129%)	*115 %*					*07/02/09 18:15*	*SW846 8260B*	*9070397*
Surr: Toluene-d8 (76-129%)	*111 %*					*07/06/09 16:18*	*SW846 8260B*	*9070635*
Surr: 4-Bromofluorobenzene (67-147%)	*673 %*	*ZX*				*07/01/09 17:57*	*SW846 8260B*	*9064487*
Surr: 4-Bromofluorobenzene (67-147%)	*128 %*					*07/02/09 18:15*	*SW846 8260B*	*9070397*
Surr: 4-Bromofluorobenzene (67-147%)	*102 %*					*07/06/09 16:18*	*SW846 8260B*	*9070635*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	**2.46**		mg/kg dry	0.786	10	07/08/09 22:45	SW846 8270D	9070221
Acenaphthylene	ND		mg/kg dry	0.786	10	07/08/09 22:45	SW846 8270D	9070221
Anthracene	ND		mg/kg dry	0.786	10	07/08/09 22:45	SW846 8270D	9070221
Benzo (a) anthracene	**1.19**		mg/kg dry	0.786	10	07/08/09 22:45	SW846 8270D	9070221
Benzo (a) pyrene	ND		mg/kg dry	0.786	10	07/08/09 22:45	SW846 8270D	9070221
Benzo (b) fluoranthene	ND		mg/kg dry	0.786	10	07/08/09 22:45	SW846 8270D	9070221
Benzo (g,h,i) perylene	ND		mg/kg dry	0.786	10	07/08/09 22:45	SW846 8270D	9070221
Benzo (k) fluoranthene	ND		mg/kg dry	0.786	10	07/08/09 22:45	SW846 8270D	9070221
Chrysene	**1.60**		mg/kg dry	0.786	10	07/08/09 22:45	SW846 8270D	9070221
Dibenz (a,h) anthracene	ND		mg/kg dry	0.786	10	07/08/09 22:45	SW846 8270D	9070221
Fluoranthene	**3.32**		mg/kg dry	0.786	10	07/08/09 22:45	SW846 8270D	9070221
Fluorene	**5.80**		mg/kg dry	0.786	10	07/08/09 22:45	SW846 8270D	9070221
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.786	10	07/08/09 22:45	SW846 8270D	9070221
Naphthalene	**9.18**		mg/kg dry	0.786	10	07/08/09 22:45	SW846 8270D	9070221
Phenanthrene	**12.4**		mg/kg dry	0.786	10	07/08/09 22:45	SW846 8270D	9070221
Pyrene	**2.84**		mg/kg dry	0.786	10	07/08/09 22:45	SW846 8270D	9070221
1-Methylnaphthalene	**30.2**		mg/kg dry	0.786	10	07/08/09 22:45	SW846 8270D	9070221
2-Methylnaphthalene	**32.6**		mg/kg dry	1.96	25	07/09/09 12:52	SW846 8270D	9070221
Surr: Terphenyl-d14 (18-120%)	*91 %*					*07/08/09 22:45*	*SW846 8270D*	*9070221*
Surr: 2-Fluorobiphenyl (14-120%)	*102 %*					*07/08/09 22:45*	*SW846 8270D*	*9070221*
Surr: Nitrobenzene-d5 (17-120%)	*40 %*					*07/08/09 22:45*	*SW846 8270D*	*9070221*

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF2552-05 (1144 Iris-2 - Soil) Sampled: 06/24/09 09:20								
General Chemistry Parameters								
% Dry Solids	**83.3**		%	0.500	1	07/02/09 07:50	SW-846	9070070
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.244**		mg/kg dry	0.110	50	07/02/09 20:43	SW846 8260B	9070397
Ethylbenzene	**7.12**		mg/kg dry	0.110	50	07/02/09 20:43	SW846 8260B	9070397
Naphthalene	**49.4**		mg/kg dry	5.52	1000	07/02/09 21:13	SW846 8260B	9070397
Toluene	**0.00716**		mg/kg dry	0.00234	1	07/01/09 18:26	SW846 8260B	9064487
Xylenes, total	**8.27**		mg/kg dry	0.276	50	07/02/09 20:43	SW846 8260B	9070397
Surr: 1,2-Dichloroethane-d4 (67-138%)	*103 %*					*07/01/09 18:26*	*SW846 8260B*	*9064487*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*101 %*					*07/02/09 20:43*	*SW846 8260B*	*9070397*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*105 %*					*07/02/09 21:13*	*SW846 8260B*	*9070397*
Surr: Dibromofluoromethane (75-125%)	*100 %*					*07/01/09 18:26*	*SW846 8260B*	*9064487*
Surr: Dibromofluoromethane (75-125%)	*89 %*					*07/02/09 20:43*	*SW846 8260B*	*9070397*
Surr: Dibromofluoromethane (75-125%)	*95 %*					*07/02/09 21:13*	*SW846 8260B*	*9070397*
Surr: Toluene-d8 (76-129%)	*1780 %*	*ZX*				*07/01/09 18:26*	*SW846 8260B*	*9064487*
Surr: Toluene-d8 (76-129%)	*140 %*	*ZX*				*07/02/09 20:43*	*SW846 8260B*	*9070397*
Surr: Toluene-d8 (76-129%)	*116 %*					*07/02/09 21:13*	*SW846 8260B*	*9070397*
Surr: 4-Bromofluorobenzene (67-147%)	*687 %*	*ZX*				*07/01/09 18:26*	*SW846 8260B*	*9064487*
Surr: 4-Bromofluorobenzene (67-147%)	*146 %*					*07/02/09 20:43*	*SW846 8260B*	*9070397*
Surr: 4-Bromofluorobenzene (67-147%)	*112 %*					*07/02/09 21:13*	*SW846 8260B*	*9070397*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	**6.68**		mg/kg dry	1.58	10	07/08/09 23:08	SW846 8270D	9070221
Acenaphthylene	ND		mg/kg dry	1.58	10	07/08/09 23:08	SW846 8270D	9070221
Anthracene	**2.79**		mg/kg dry	1.58	10	07/08/09 23:08	SW846 8270D	9070221
Benzo (a) anthracene	ND		mg/kg dry	1.58	10	07/08/09 23:08	SW846 8270D	9070221
Benzo (a) pyrene	ND		mg/kg dry	1.58	10	07/08/09 23:08	SW846 8270D	9070221
Benzo (b) fluoranthene	ND		mg/kg dry	1.58	10	07/08/09 23:08	SW846 8270D	9070221
Benzo (g,h,i) perylene	ND		mg/kg dry	1.58	10	07/08/09 23:08	SW846 8270D	9070221
Benzo (k) fluoranthene	ND		mg/kg dry	1.58	10	07/08/09 23:08	SW846 8270D	9070221
Chrysene	ND		mg/kg dry	1.58	10	07/08/09 23:08	SW846 8270D	9070221
Dibenz (a,h) anthracene	ND		mg/kg dry	1.58	10	07/08/09 23:08	SW846 8270D	9070221
Fluoranthene	ND		mg/kg dry	1.58	10	07/08/09 23:08	SW846 8270D	9070221
Fluorene	**14.7**		mg/kg dry	1.58	10	07/08/09 23:08	SW846 8270D	9070221
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	1.58	10	07/08/09 23:08	SW846 8270D	9070221
Naphthalene	**3.87**		mg/kg dry	1.58	10	07/08/09 23:08	SW846 8270D	9070221
Phenanthrene	**29.4**		mg/kg dry	1.58	10	07/08/09 23:08	SW846 8270D	9070221
Pyrene	**2.72**		mg/kg dry	1.58	10	07/08/09 23:08	SW846 8270D	9070221
1-Methylnaphthalene	**68.5**		mg/kg dry	1.58	10	07/08/09 23:08	SW846 8270D	9070221
2-Methylnaphthalene	**75.2**		mg/kg dry	3.94	25	07/09/09 13:14	SW846 8270D	9070221
Surr: Terphenyl-d14 (18-120%)	*103 %*					*07/08/09 23:08*	*SW846 8270D*	*9070221*
Surr: 2-Fluorobiphenyl (14-120%)	*124 %*	*ZX*				*07/08/09 23:08*	*SW846 8270D*	*9070221*
Surr: Nitrobenzene-d5 (17-120%)	*75 %*					*07/08/09 23:08*	*SW846 8270D*	*9070221*

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF2552-06 (1148 Iris-1 - Soil) Sampled: 06/24/09 11:45								
General Chemistry Parameters								
% Dry Solids	**75.5**		%	0.500	1	07/02/09 07:50	SW-846	9070070
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.139**		mg/kg dry	0.00228	1	07/06/09 16:48	SW846 8260B	9070635
Ethylbenzene	**1.51**	E	mg/kg dry	0.00228	1	07/06/09 16:48	SW846 8260B	9070635
Naphthalene	**1.98**	E	mg/kg dry	0.00570	1	07/06/09 16:48	SW846 8260B	9070635
Toluene	ND		mg/kg dry	0.00228	1	07/06/09 16:48	SW846 8260B	9070635
Xylenes, total	**1.18**	E	mg/kg dry	0.00570	1	07/06/09 16:48	SW846 8260B	9070635
Surr: 1,2-Dichloroethane-d4 (67-138%)	*100 %*					*07/06/09 16:48*	*SW846 8260B*	*9070635*
Surr: Dibromofluoromethane (75-125%)	*96 %*					*07/06/09 16:48*	*SW846 8260B*	*9070635*
Surr: Toluene-d8 (76-129%)	*155 %*	*ZX*				*07/06/09 16:48*	*SW846 8260B*	*9070635*
Surr: 4-Bromofluorobenzene (67-147%)	*421 %*	*ZX*				*07/06/09 16:48*	*SW846 8260B*	*9070635*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.0873	1	07/07/09 19:38	SW846 8270D	9070049
Acenaphthylene	ND		mg/kg dry	0.0873	1	07/07/09 19:38	SW846 8270D	9070049
Anthracene	**1.29**		mg/kg dry	0.0873	1	07/07/09 19:38	SW846 8270D	9070049
Benzo (a) anthracene	**2.76**		mg/kg dry	0.0873	1	07/07/09 19:38	SW846 8270D	9070049
Benzo (a) pyrene	**1.15**		mg/kg dry	0.0873	1	07/07/09 19:38	SW846 8270D	9070049
Benzo (b) fluoranthene	**1.46**		mg/kg dry	0.0873	1	07/07/09 19:38	SW846 8270D	9070049
Benzo (g,h,i) perylene	**0.328**		mg/kg dry	0.0873	1	07/07/09 19:38	SW846 8270D	9070049
Benzo (k) fluoranthene	**1.04**		mg/kg dry	0.0873	1	07/07/09 19:38	SW846 8270D	9070049
Chrysene	**2.37**		mg/kg dry	0.0873	1	07/07/09 19:38	SW846 8270D	9070049
Dibenz (a,h) anthracene	**0.166**		mg/kg dry	0.0873	1	07/07/09 19:38	SW846 8270D	9070049
Fluoranthene	**8.56**		mg/kg dry	0.436	5	07/08/09 16:18	SW846 8270D	9070049
Fluorene	**1.93**		mg/kg dry	0.0873	1	07/07/09 19:38	SW846 8270D	9070049
Indeno (1,2,3-cd) pyrene	**0.329**		mg/kg dry	0.0873	1	07/07/09 19:38	SW846 8270D	9070049
Naphthalene	**3.33**		mg/kg dry	0.0873	1	07/07/09 19:38	SW846 8270D	9070049
Phenanthrene	**8.12**		mg/kg dry	0.436	5	07/08/09 16:18	SW846 8270D	9070049
Pyrene	**6.48**		mg/kg dry	0.436	5	07/08/09 16:18	SW846 8270D	9070049
1-Methylnaphthalene	**12.5**		mg/kg dry	0.436	5	07/08/09 16:18	SW846 8270D	9070049
2-Methylnaphthalene	**18.7**		mg/kg dry	0.436	5	07/08/09 16:18	SW846 8270D	9070049
Surr: Terphenyl-d14 (18-120%)	*106 %*					*07/07/09 19:38*	*SW846 8270D*	*9070049*
Surr: 2-Fluorobiphenyl (14-120%)	*77 %*					*07/07/09 19:38*	*SW846 8270D*	*9070049*
Surr: Nitrobenzene-d5 (17-120%)	*80 %*					*07/07/09 19:38*	*SW846 8270D*	*9070049*

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF2552-07 (1148 Iris-2 - Soil) Sampled: 06/24/09 13:45								
General Chemistry Parameters								
% Dry Solids	**81.2**		%	0.500	1	07/02/09 07:50	SW-846	9070070
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.0365**		mg/kg dry	0.00211	1	07/01/09 19:26	SW846 8260B	9064487
Ethylbenzene	**0.891**		mg/kg dry	0.103	50	07/02/09 18:45	SW846 8260B	9070397
Naphthalene	**6.28**		mg/kg dry	0.258	50	07/02/09 18:45	SW846 8260B	9070397
Toluene	ND		mg/kg dry	0.00211	1	07/01/09 19:26	SW846 8260B	9064487
Xylenes, total	**0.817**		mg/kg dry	0.258	50	07/02/09 18:45	SW846 8260B	9070397
Surr: 1,2-Dichloroethane-d4 (67-138%)	*102 %*					*07/01/09 19:26*	*SW846 8260B*	*9064487*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*105 %*					*07/02/09 18:45*	*SW846 8260B*	*9070397*
Surr: Dibromofluoromethane (75-125%)	*96 %*					*07/01/09 19:26*	*SW846 8260B*	*9064487*
Surr: Dibromofluoromethane (75-125%)	*90 %*					*07/02/09 18:45*	*SW846 8260B*	*9070397*
Surr: Toluene-d8 (76-129%)	*157 %*	*ZX*				*07/01/09 19:26*	*SW846 8260B*	*9064487*
Surr: Toluene-d8 (76-129%)	*122 %*					*07/02/09 18:45*	*SW846 8260B*	*9070397*
Surr: 4-Bromofluorobenzene (67-147%)	*347 %*	*ZX*				*07/01/09 19:26*	*SW846 8260B*	*9064487*
Surr: 4-Bromofluorobenzene (67-147%)	*121 %*					*07/02/09 18:45*	*SW846 8260B*	*9070397*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.0810	1	07/07/09 20:00	SW846 8270D	9070049
Acenaphthylene	ND		mg/kg dry	0.0810	1	07/07/09 20:00	SW846 8270D	9070049
Anthracene	**0.293**		mg/kg dry	0.0810	1	07/07/09 20:00	SW846 8270D	9070049
Benzo (a) anthracene	ND		mg/kg dry	0.0810	1	07/07/09 20:00	SW846 8270D	9070049
Benzo (a) pyrene	ND		mg/kg dry	0.0810	1	07/07/09 20:00	SW846 8270D	9070049
Benzo (b) fluoranthene	ND		mg/kg dry	0.0810	1	07/07/09 20:00	SW846 8270D	9070049
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0810	1	07/07/09 20:00	SW846 8270D	9070049
Benzo (k) fluoranthene	ND		mg/kg dry	0.0810	1	07/07/09 20:00	SW846 8270D	9070049
Chrysene	ND		mg/kg dry	0.0810	1	07/07/09 20:00	SW846 8270D	9070049
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0810	1	07/07/09 20:00	SW846 8270D	9070049
Fluoranthene	ND		mg/kg dry	0.0810	1	07/07/09 20:00	SW846 8270D	9070049
Fluorene	**1.63**		mg/kg dry	0.0810	1	07/07/09 20:00	SW846 8270D	9070049
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0810	1	07/07/09 20:00	SW846 8270D	9070049
Naphthalene	**3.28**		mg/kg dry	0.0810	1	07/07/09 20:00	SW846 8270D	9070049
Phenanthrene	**3.18**		mg/kg dry	0.0810	1	07/07/09 20:00	SW846 8270D	9070049
Pyrene	**0.265**		mg/kg dry	0.0810	1	07/07/09 20:00	SW846 8270D	9070049
1-Methylnaphthalene	**14.0**		mg/kg dry	0.405	5	07/09/09 00:11	SW846 8270D	9070049
2-Methylnaphthalene	**21.0**		mg/kg dry	0.810	10	07/09/09 12:12	SW846 8270D	9070049
Surr: Terphenyl-d14 (18-120%)	*91 %*					*07/07/09 20:00*	*SW846 8270D*	*9070049*
Surr: 2-Fluorobiphenyl (14-120%)	*68 %*					*07/07/09 20:00*	*SW846 8270D*	*9070049*
Surr: Nitrobenzene-d5 (17-120%)	*67 %*					*07/07/09 20:00*	*SW846 8270D*	*9070049*

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF2552-08 (1161 Jasmine - Soil) Sampled: 06/24/09 13:50								
General Chemistry Parameters								
% Dry Solids	**82.7**		%	0.500	1	07/02/09 07:50	SW-846	9070070
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00200	1	07/01/09 19:55	SW846 8260B	9064487
Ethylbenzene	**0.112**	CF7	mg/kg dry	0.00200	1	07/01/09 19:55	SW846 8260B	9064487
Naphthalene	**4.36**		mg/kg dry	0.242	50	07/02/09 19:15	SW846 8260B	9070397
Toluene	**0.0213**		mg/kg dry	0.00200	1	07/01/09 19:55	SW846 8260B	9064487
Xylenes, total	**1.39**		mg/kg dry	0.242	50	07/02/09 19:15	SW846 8260B	9070397
Surr: 1,2-Dichloroethane-d4 (67-138%)	*102 %*					*07/01/09 19:55*	*SW846 8260B*	*9064487*
Surr: 1,2-Dichloroethane-d4 (67-138%)	*103 %*					*07/02/09 19:15*	*SW846 8260B*	*9070397*
Surr: Dibromofluoromethane (75-125%)	*97 %*					*07/01/09 19:55*	*SW846 8260B*	*9064487*
Surr: Dibromofluoromethane (75-125%)	*93 %*					*07/02/09 19:15*	*SW846 8260B*	*9070397*
Surr: Toluene-d8 (76-129%)	*142 %*	*ZX*				*07/01/09 19:55*	*SW846 8260B*	*9064487*
Surr: Toluene-d8 (76-129%)	*116 %*					*07/02/09 19:15*	*SW846 8260B*	*9070397*
Surr: 4-Bromofluorobenzene (67-147%)	*265 %*	*ZX*				*07/01/09 19:55*	*SW846 8260B*	*9064487*
Surr: 4-Bromofluorobenzene (67-147%)	*117 %*					*07/02/09 19:15*	*SW846 8260B*	*9070397*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.0809	1	07/07/09 20:22	SW846 8270D	9070049
Acenaphthylene	ND		mg/kg dry	0.0809	1	07/07/09 20:22	SW846 8270D	9070049
Anthracene	ND		mg/kg dry	0.0809	1	07/07/09 20:22	SW846 8270D	9070049
Benzo (a) anthracene	**0.498**		mg/kg dry	0.0809	1	07/07/09 20:22	SW846 8270D	9070049
Benzo (a) pyrene	**0.313**		mg/kg dry	0.0809	1	07/07/09 20:22	SW846 8270D	9070049
Benzo (b) fluoranthene	**0.345**		mg/kg dry	0.0809	1	07/07/09 20:22	SW846 8270D	9070049
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0809	1	07/07/09 20:22	SW846 8270D	9070049
Benzo (k) fluoranthene	**0.294**		mg/kg dry	0.0809	1	07/07/09 20:22	SW846 8270D	9070049
Chrysene	**0.501**		mg/kg dry	0.0809	1	07/07/09 20:22	SW846 8270D	9070049
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0809	1	07/07/09 20:22	SW846 8270D	9070049
Fluoranthene	**0.842**		mg/kg dry	0.0809	1	07/07/09 20:22	SW846 8270D	9070049
Fluorene	**0.870**		mg/kg dry	0.0809	1	07/07/09 20:22	SW846 8270D	9070049
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0809	1	07/07/09 20:22	SW846 8270D	9070049
Naphthalene	**1.04**		mg/kg dry	0.0809	1	07/07/09 20:22	SW846 8270D	9070049
Phenanthrene	**2.50**		mg/kg dry	0.0809	1	07/07/09 20:22	SW846 8270D	9070049
Pyrene	**1.82**		mg/kg dry	0.0809	1	07/07/09 20:22	SW846 8270D	9070049
1-Methylnaphthalene	**5.67**		mg/kg dry	0.162	2	07/09/09 00:33	SW846 8270D	9070049
2-Methylnaphthalene	**6.86**		mg/kg dry	0.162	2	07/09/09 00:33	SW846 8270D	9070049
Surr: Terphenyl-d14 (18-120%)	*124 %*	*ZX*				*07/07/09 20:22*	*SW846 8270D*	*9070049*
Surr: 2-Fluorobiphenyl (14-120%)	*81 %*					*07/07/09 20:22*	*SW846 8270D*	*9070049*
Surr: Nitrobenzene-d5 (17-120%)	*63 %*					*07/07/09 20:22*	*SW846 8270D*	*9070049*

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Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF2552-09 (1162 Jasmine - Soil) Sampled: 06/25/09 09:10								
General Chemistry Parameters								
% Dry Solids	**79.6**		%	0.500	1	07/02/09 07:50	SW-846	9070070
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00213	1	07/02/09 16:17	SW846 8260B	9070397
Ethylbenzene	ND		mg/kg dry	0.00213	1	07/02/09 16:17	SW846 8260B	9070397
Naphthalene	ND		mg/kg dry	0.00531	1	07/02/09 16:17	SW846 8260B	9070397
Toluene	ND		mg/kg dry	0.00213	1	07/02/09 16:17	SW846 8260B	9070397
Xylenes, total	ND		mg/kg dry	0.00531	1	07/02/09 16:17	SW846 8260B	9070397
Surr: 1,2-Dichloroethane-d4 (67-138%)	*106 %*					*07/02/09 16:17*	*SW846 8260B*	*9070397*
Surr: Dibromofluoromethane (75-125%)	*96 %*					*07/02/09 16:17*	*SW846 8260B*	*9070397*
Surr: Toluene-d8 (76-129%)	*115 %*					*07/02/09 16:17*	*SW846 8260B*	*9070397*
Surr: 4-Bromofluorobenzene (67-147%)	*126 %*					*07/02/09 16:17*	*SW846 8260B*	*9070397*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
Acenaphthylene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
Anthracene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
Benzo (a) anthracene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
Benzo (a) pyrene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
Benzo (b) fluoranthene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
Benzo (k) fluoranthene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
Chrysene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
Fluoranthene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
Fluorene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
Naphthalene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
Phenanthrene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
Pyrene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
1-Methylnaphthalene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
2-Methylnaphthalene	ND		mg/kg dry	0.0828	1	07/07/09 20:43	SW846 8270D	9070049
Surr: Terphenyl-d14 (18-120%)	*102 %*					*07/07/09 20:43*	*SW846 8270D*	*9070049*
Surr: 2-Fluorobiphenyl (14-120%)	*94 %*					*07/07/09 20:43*	*SW846 8270D*	*9070049*
Surr: Nitrobenzene-d5 (17-120%)	*93 %*					*07/07/09 20:43*	*SW846 8270D*	*9070049*

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSF2552-10 (1168 Jasmine - Soil) Sampled: 06/25/09 11:15								
General Chemistry Parameters								
% Dry Solids	**83.0**		%	0.500	1	07/02/09 08:10	SW-846	9070067
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00214	1	07/02/09 16:47	SW846 8260B	9070397
Ethylbenzene	ND		mg/kg dry	0.00214	1	07/02/09 16:47	SW846 8260B	9070397
Naphthalene	**0.00792**		mg/kg dry	0.00535	1	07/02/09 16:47	SW846 8260B	9070397
Toluene	ND		mg/kg dry	0.00214	1	07/02/09 16:47	SW846 8260B	9070397
Xylenes, total	ND		mg/kg dry	0.00535	1	07/02/09 16:47	SW846 8260B	9070397
Surr: 1,2-Dichloroethane-d4 (67-138%)	*106 %*					*07/02/09 16:47*	*SW846 8260B*	*9070397*
Surr: Dibromofluoromethane (75-125%)	*97 %*					*07/02/09 16:47*	*SW846 8260B*	*9070397*
Surr: Toluene-d8 (76-129%)	*114 %*					*07/02/09 16:47*	*SW846 8260B*	*9070397*
Surr: 4-Bromofluorobenzene (67-147%)	*109 %*					*07/02/09 16:47*	*SW846 8260B*	*9070397*
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
Acenaphthylene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
Anthracene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
Benzo (a) anthracene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
Benzo (a) pyrene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
Benzo (b) fluoranthene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
Benzo (k) fluoranthene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
Chrysene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
Fluoranthene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
Fluorene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
Naphthalene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
Phenanthrene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
Pyrene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
1-Methylnaphthalene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
2-Methylnaphthalene	ND		mg/kg dry	0.0782	1	07/07/09 21:05	SW846 8270D	9070049
Surr: Terphenyl-d14 (18-120%)	*93 %*					*07/07/09 21:05*	*SW846 8270D*	*9070049*
Surr: 2-Fluorobiphenyl (14-120%)	*89 %*					*07/07/09 21:05*	*SW846 8270D*	*9070049*
Surr: Nitrobenzene-d5 (17-120%)	*82 %*					*07/07/09 21:05*	*SW846 8270D*	*9070049*

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 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	9070221	NSF2552-01	30.29	1.00	07/02/09 11:30	TEM	EPA 3550B
SW846 8270D	9070221	NSF2552-02	30.31	1.00	07/02/09 11:30	TEM	EPA 3550B
SW846 8270D	9070221	NSF2552-02RE1	30.31	1.00	07/02/09 11:30	TEM	EPA 3550B
SW846 8270D	9070221	NSF2552-02RE2	30.31	1.00	07/02/09 11:30	TEM	EPA 3550B
SW846 8270D	9070221	NSF2552-03	30.04	1.00	07/02/09 11:30	TEM	EPA 3550B
SW846 8270D	9070221	NSF2552-04	30.90	1.00	07/02/09 11:30	TEM	EPA 3550B
SW846 8270D	9070221	NSF2552-04RE1	30.90	1.00	07/02/09 11:30	TEM	EPA 3550B
SW846 8270D	9070221	NSF2552-04RE2	30.90	1.00	07/02/09 11:30	TEM	EPA 3550B
SW846 8270D	9070221	NSF2552-05	30.59	2.00	07/02/09 11:30	TEM	EPA 3550B
SW846 8270D	9070221	NSF2552-05RE1	30.59	2.00	07/02/09 11:30	TEM	EPA 3550B
SW846 8270D	9070221	NSF2552-05RE2	30.59	2.00	07/02/09 11:30	TEM	EPA 3550B
SW846 8270D	9070049	NSF2552-06	30.51	1.00	07/07/09 10:30	TEM	EPA 3550B
SW846 8270D	9070049	NSF2552-06RE1	30.51	1.00	07/07/09 10:30	TEM	EPA 3550B
SW846 8270D	9070049	NSF2552-07	30.57	1.00	07/07/09 10:30	TEM	EPA 3550B
SW846 8270D	9070049	NSF2552-07RE1	30.57	1.00	07/07/09 10:30	TEM	EPA 3550B
SW846 8270D	9070049	NSF2552-07RE2	30.57	1.00	07/07/09 10:30	TEM	EPA 3550B
SW846 8270D	9070049	NSF2552-08	30.03	1.00	07/07/09 10:30	TEM	EPA 3550B
SW846 8270D	9070049	NSF2552-08RE1	30.03	1.00	07/07/09 10:30	TEM	EPA 3550B
SW846 8270D	9070049	NSF2552-09	30.50	1.00	07/07/09 10:30	TEM	EPA 3550B
SW846 8270D	9070049	NSF2552-10	30.96	1.00	07/07/09 10:30	TEM	EPA 3550B
Selected Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	9064487	NSF2552-01	5.66	5.00	06/22/09 09:45	JRL	EPA 5035
SW846 8260B	9070397	NSF2552-01RE1	5.75	5.00	06/22/09 09:45	JRL	EPA 5035
SW846 8260B	9064487	NSF2552-02	6.14	5.00	06/22/09 13:55	JRL	EPA 5035
SW846 8260B	9070397	NSF2552-02RE1	5.30	5.00	06/22/09 13:55	JRL	EPA 5035
SW846 8260B	9064487	NSF2552-03	5.66	5.00	06/23/09 11:50	JRL	EPA 5035
SW846 8260B	9070397	NSF2552-03RE1	5.38	5.00	06/23/09 11:50	JRL	EPA 5035
SW846 8260B	9064487	NSF2552-04	6.05	5.00	06/23/09 15:30	JRL	EPA 5035
SW846 8260B	9070397	NSF2552-04RE1	5.62	5.00	06/23/09 15:30	JRL	EPA 5035
SW846 8260B	9070635	NSF2552-04RE2	5.62	5.00	06/23/09 15:30	JRL	EPA 5035
SW846 8260B	9064487	NSF2552-05	5.12	5.00	06/24/09 09:20	JRL	EPA 5035
SW846 8260B	9070397	NSF2552-05RE1	5.44	5.00	06/24/09 09:20	JRL	EPA 5035
SW846 8260B	9070397	NSF2552-05RE2	5.44	5.00	06/24/09 09:20	JRL	EPA 5035
SW846 8260B	9064487	NSF2552-06	5.90	5.00	06/24/09 11:45	JRL	EPA 5035
SW846 8260B	9070397	NSF2552-06RE1	5.81	5.00	06/24/09 11:45	JRL	EPA 5035
SW846 8260B	9070397	NSF2552-06RE2	5.81	5.00	06/24/09 11:45	JRL	EPA 5035
SW846 8260B	9070635	NSF2552-06RE3	5.81	5.00	06/24/09 11:45	JRL	EPA 5035
SW846 8260B	9070635	NSF2552-06RE4	5.81	5.00	06/24/09 11:45	JRL	EPA 5035
SW846 8260B	9064487	NSF2552-07	5.84	5.00	06/24/09 13:45	JRL	EPA 5035
SW846 8260B	9070397	NSF2552-07RE1	5.96	5.00	06/24/09 13:45	JRL	EPA 5035
SW846 8260B	9064487	NSF2552-08	6.04	5.00	06/24/09 13:50	JRL	EPA 5035
SW846 8260B	9070397	NSF2552-08RE1	6.25	5.00	06/24/09 13:50	JRL	EPA 5035
SW846 8260B	9064487	NSF2552-09	5.94	5.00	06/25/09 09:10	JRL	EPA 5035
SW846 8260B	9070397	NSF2552-09RE1	5.91	5.00	06/25/09 09:10	JRL	EPA 5035

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8260B	9064487	NSF2552-10	5.81	5.00	06/25/09 11:15	JRL	EPA 5035
SW846 8260B	9064487	NSF2552-10RE1	5.57	5.00	06/25/09 11:15	JRL	EPA 5035
SW846 8260B	9070397	NSF2552-10RE2	5.63	5.00	06/25/09 11:15	JRL	EPA 5035

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 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						
9064487-BLK1						
Benzene	<0.000670		mg/kg wet	9064487	9064487-BLK1	07/01/09 14:34
Ethylbenzene	<0.000670		mg/kg wet	9064487	9064487-BLK1	07/01/09 14:34
Naphthalene	<0.00170		mg/kg wet	9064487	9064487-BLK1	07/01/09 14:34
Toluene	<0.000400		mg/kg wet	9064487	9064487-BLK1	07/01/09 14:34
Xylenes, total	<0.00130		mg/kg wet	9064487	9064487-BLK1	07/01/09 14:34
Surrogate: 1,2-Dichloroethane-d4	132%			9064487	9064487-BLK1	07/01/09 14:34
Surrogate: Dibromofluoromethane	104%			9064487	9064487-BLK1	07/01/09 14:34
Surrogate: Toluene-d8	116%			9064487	9064487-BLK1	07/01/09 14:34
Surrogate: 4-Bromofluorobenzene	116%			9064487	9064487-BLK1	07/01/09 14:34
9070397-BLK1						
Benzene	<0.000670		mg/kg wet	9070397	9070397-BLK1	07/02/09 15:18
Ethylbenzene	<0.000670		mg/kg wet	9070397	9070397-BLK1	07/02/09 15:18
Naphthalene	<0.00170		mg/kg wet	9070397	9070397-BLK1	07/02/09 15:18
Toluene	<0.000400		mg/kg wet	9070397	9070397-BLK1	07/02/09 15:18
Xylenes, total	<0.00130		mg/kg wet	9070397	9070397-BLK1	07/02/09 15:18
Surrogate: 1,2-Dichloroethane-d4	106%			9070397	9070397-BLK1	07/02/09 15:18
Surrogate: Dibromofluoromethane	96%			9070397	9070397-BLK1	07/02/09 15:18
Surrogate: Toluene-d8	113%			9070397	9070397-BLK1	07/02/09 15:18
Surrogate: 4-Bromofluorobenzene	109%			9070397	9070397-BLK1	07/02/09 15:18
9070635-BLK1						
Benzene	<0.000670		mg/kg wet	9070635	9070635-BLK1	07/06/09 15:49
Ethylbenzene	<0.000670		mg/kg wet	9070635	9070635-BLK1	07/06/09 15:49
Naphthalene	<0.00170		mg/kg wet	9070635	9070635-BLK1	07/06/09 15:49
Toluene	<0.000400		mg/kg wet	9070635	9070635-BLK1	07/06/09 15:49
Xylenes, total	<0.00130		mg/kg wet	9070635	9070635-BLK1	07/06/09 15:49
Surrogate: 1,2-Dichloroethane-d4	95%			9070635	9070635-BLK1	07/06/09 15:49
Surrogate: Dibromofluoromethane	89%			9070635	9070635-BLK1	07/06/09 15:49
Surrogate: Toluene-d8	110%			9070635	9070635-BLK1	07/06/09 15:49
Surrogate: 4-Bromofluorobenzene	106%			9070635	9070635-BLK1	07/06/09 15:49
Polyaromatic Hydrocarbons by EPA 8270D						
9070049-BLK1						
Acenaphthene	<0.0320		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11
Acenaphthylene	<0.0310		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11
Anthracene	<0.0330		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11
Benzo (a) anthracene	<0.0380		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11
Benzo (a) pyrene	<0.0300		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11
Benzo (b) fluoranthene	<0.0300		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11
Benzo (g,h,i) perylene	<0.0300		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11
Benzo (k) fluoranthene	<0.0300		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D						
9070049-BLK1						
Chrysene	<0.0400		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11
Dibenz (a,h) anthracene	<0.0310		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11
Fluoranthene	<0.0340		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11
Fluorene	<0.0360		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11
Indeno (1,2,3-cd) pyrene	<0.0310		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11
Naphthalene	<0.0410		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11
Phenanthrene	<0.0340		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11
Pyrene	<0.0410		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11
1-Methylnaphthalene	<0.0320		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11
2-Methylnaphthalene	<0.0330		mg/kg wet	9070049	9070049-BLK1	07/07/09 18:11
Surrogate: Terphenyl-d14	98%			9070049	9070049-BLK1	07/07/09 18:11
Surrogate: 2-Fluorobiphenyl	96%			9070049	9070049-BLK1	07/07/09 18:11
Surrogate: Nitrobenzene-d5	86%			9070049	9070049-BLK1	07/07/09 18:11
9070221-BLK1						
Acenaphthene	<0.0320		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
Acenaphthylene	<0.0310		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
Anthracene	<0.0330		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
Benzo (a) anthracene	<0.0380		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
Benzo (a) pyrene	<0.0300		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
Benzo (b) fluoranthene	<0.0300		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
Benzo (g,h,i) perylene	<0.0300		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
Benzo (k) fluoranthene	<0.0300		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
Chrysene	<0.0400		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
Dibenz (a,h) anthracene	<0.0310		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
Fluoranthene	<0.0340		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
Fluorene	<0.0360		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
Indeno (1,2,3-cd) pyrene	<0.0310		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
Naphthalene	<0.0410		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
Phenanthrene	<0.0340		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
Pyrene	<0.0410		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
1-Methylnaphthalene	<0.0320		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
2-Methylnaphthalene	<0.0330		mg/kg wet	9070221	9070221-BLK1	07/08/09 00:53
Surrogate: Terphenyl-d14	72%			9070221	9070221-BLK1	07/08/09 00:53
Surrogate: 2-Fluorobiphenyl	66%			9070221	9070221-BLK1	07/08/09 00:53
Surrogate: Nitrobenzene-d5	78%			9070221	9070221-BLK1	07/08/09 00:53

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 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										
9070067-DUP1										
% Dry Solids	83.0	82.5		%	0.6	20	9070067	NSF2552-10		07/02/09 08:10
9070070-DUP1										
% Dry Solids	91.0	90.1		%	1	20	9070070	NSF2500-03		07/02/09 07:50

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 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								
9064487-BS1								
Benzene	50.0	52.6		ug/kg	105%	78 - 126	9064487	07/01/09 12:36
Ethylbenzene	50.0	52.8		ug/kg	106%	79 - 130	9064487	07/01/09 12:36
Naphthalene	50.0	54.2		ug/kg	108%	72 - 150	9064487	07/01/09 12:36
Toluene	50.0	59.2		ug/kg	118%	76 - 126	9064487	07/01/09 12:36
Xylenes, total	150	165		ug/kg	110%	80 - 130	9064487	07/01/09 12:36
Surrogate: 1,2-Dichloroethane-d4	50.0	50.0			100%	67 - 138	9064487	07/01/09 12:36
Surrogate: Dibromofluoromethane	50.0	46.7			93%	75 - 125	9064487	07/01/09 12:36
Surrogate: Toluene-d8	50.0	55.2			110%	76 - 129	9064487	07/01/09 12:36
Surrogate: 4-Bromofluorobenzene	50.0	51.5			103%	67 - 147	9064487	07/01/09 12:36
9070397-BS1								
Benzene	50.0	53.5		ug/kg	107%	78 - 126	9070397	07/02/09 13:19
Ethylbenzene	50.0	52.6		ug/kg	105%	79 - 130	9070397	07/02/09 13:19
Naphthalene	50.0	56.9		ug/kg	114%	72 - 150	9070397	07/02/09 13:19
Toluene	50.0	59.3		ug/kg	119%	76 - 126	9070397	07/02/09 13:19
Xylenes, total	150	170		ug/kg	114%	80 - 130	9070397	07/02/09 13:19
Surrogate: 1,2-Dichloroethane-d4	50.0	49.8			100%	67 - 138	9070397	07/02/09 13:19
Surrogate: Dibromofluoromethane	50.0	45.5			91%	75 - 125	9070397	07/02/09 13:19
Surrogate: Toluene-d8	50.0	57.0			114%	76 - 129	9070397	07/02/09 13:19
Surrogate: 4-Bromofluorobenzene	50.0	53.8			108%	67 - 147	9070397	07/02/09 13:19
9070635-BS1								
Benzene	50.0	52.4		ug/kg	105%	78 - 126	9070635	07/06/09 13:50
Ethylbenzene	50.0	51.9		ug/kg	104%	79 - 130	9070635	07/06/09 13:50
Naphthalene	50.0	49.6		ug/kg	99%	72 - 150	9070635	07/06/09 13:50
Toluene	50.0	57.8		ug/kg	116%	76 - 126	9070635	07/06/09 13:50
Xylenes, total	150	168		ug/kg	112%	80 - 130	9070635	07/06/09 13:50
Surrogate: 1,2-Dichloroethane-d4	50.0	47.8			96%	67 - 138	9070635	07/06/09 13:50
Surrogate: Dibromofluoromethane	50.0	46.7			93%	75 - 125	9070635	07/06/09 13:50
Surrogate: Toluene-d8	50.0	55.5			111%	76 - 129	9070635	07/06/09 13:50
Surrogate: 4-Bromofluorobenzene	50.0	52.0			104%	67 - 147	9070635	07/06/09 13:50
Polyaromatic Hydrocarbons by EPA 8270D								
9070049-BS1								
Acenaphthene	1.67	1.49		mg/kg wet	89%	49 - 120	9070049	07/07/09 18:33
Acenaphthylene	1.67	1.49		mg/kg wet	89%	52 - 120	9070049	07/07/09 18:33
Anthracene	1.67	1.60		mg/kg wet	96%	58 - 120	9070049	07/07/09 18:33
Benzo (a) anthracene	1.67	1.51		mg/kg wet	91%	57 - 120	9070049	07/07/09 18:33
Benzo (a) pyrene	1.67	1.53		mg/kg wet	92%	55 - 120	9070049	07/07/09 18:33
Benzo (b) fluoranthene	1.67	1.41		mg/kg wet	85%	51 - 123	9070049	07/07/09 18:33
Benzo (g,h,i) perylene	1.67	1.36		mg/kg wet	81%	49 - 121	9070049	07/07/09 18:33
Benzo (k) fluoranthene	1.67	1.54		mg/kg wet	92%	42 - 129	9070049	07/07/09 18:33

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D								
9070049-BS1								
Chrysene	1.67	1.52		mg/kg wet	91%	55 - 120	9070049	07/07/09 18:33
Dibenz (a,h) anthracene	1.67	1.47		mg/kg wet	88%	50 - 123	9070049	07/07/09 18:33
Fluoranthene	1.67	1.57		mg/kg wet	94%	58 - 120	9070049	07/07/09 18:33
Fluorene	1.67	1.46		mg/kg wet	88%	54 - 120	9070049	07/07/09 18:33
Indeno (1,2,3-cd) pyrene	1.67	1.45		mg/kg wet	87%	50 - 122	9070049	07/07/09 18:33
Naphthalene	1.67	1.26		mg/kg wet	76%	28 - 107	9070049	07/07/09 18:33
Phenanthrene	1.67	1.50		mg/kg wet	90%	56 - 120	9070049	07/07/09 18:33
Pyrene	1.67	1.40		mg/kg wet	84%	56 - 120	9070049	07/07/09 18:33
1-Methylnaphthalene	1.67	1.16		mg/kg wet	70%	36 - 120	9070049	07/07/09 18:33
2-Methylnaphthalene	1.67	1.23		mg/kg wet	74%	36 - 120	9070049	07/07/09 18:33
Surrogate: Terphenyl-d14	1.67	1.33			80%	18 - 120	9070049	07/07/09 18:33
Surrogate: 2-Fluorobiphenyl	1.67	1.42			85%	14 - 120	9070049	07/07/09 18:33
Surrogate: Nitrobenzene-d5	1.67	1.17			70%	17 - 120	9070049	07/07/09 18:33
9070221-BS1								
Acenaphthene	1.67	1.28		mg/kg wet	77%	49 - 120	9070221	07/08/09 01:15
Acenaphthylene	1.67	1.40		mg/kg wet	84%	52 - 120	9070221	07/08/09 01:15
Anthracene	1.67	1.59		mg/kg wet	96%	58 - 120	9070221	07/08/09 01:15
Benzo (a) anthracene	1.67	1.57		mg/kg wet	94%	57 - 120	9070221	07/08/09 01:15
Benzo (a) pyrene	1.67	1.63		mg/kg wet	98%	55 - 120	9070221	07/08/09 01:15
Benzo (b) fluoranthene	1.67	1.48		mg/kg wet	89%	51 - 123	9070221	07/08/09 01:15
Benzo (g,h,i) perylene	1.67	1.62		mg/kg wet	97%	49 - 121	9070221	07/08/09 01:15
Benzo (k) fluoranthene	1.67	1.53		mg/kg wet	92%	42 - 129	9070221	07/08/09 01:15
Chrysene	1.67	1.47		mg/kg wet	88%	55 - 120	9070221	07/08/09 01:15
Dibenz (a,h) anthracene	1.67	1.66		mg/kg wet	99%	50 - 123	9070221	07/08/09 01:15
Fluoranthene	1.67	1.62		mg/kg wet	97%	58 - 120	9070221	07/08/09 01:15
Fluorene	1.67	1.36		mg/kg wet	81%	54 - 120	9070221	07/08/09 01:15
Indeno (1,2,3-cd) pyrene	1.67	1.66		mg/kg wet	99%	50 - 122	9070221	07/08/09 01:15
Naphthalene	1.67	1.09		mg/kg wet	65%	28 - 107	9070221	07/08/09 01:15
Phenanthrene	1.67	1.43		mg/kg wet	86%	56 - 120	9070221	07/08/09 01:15
Pyrene	1.67	1.52		mg/kg wet	91%	56 - 120	9070221	07/08/09 01:15
1-Methylnaphthalene	1.67	1.11		mg/kg wet	67%	36 - 120	9070221	07/08/09 01:15
2-Methylnaphthalene	1.67	1.19		mg/kg wet	72%	36 - 120	9070221	07/08/09 01:15
Surrogate: Terphenyl-d14	1.67	1.42			85%	18 - 120	9070221	07/08/09 01:15
Surrogate: 2-Fluorobiphenyl	1.67	1.16			70%	14 - 120	9070221	07/08/09 01:15
Surrogate: Nitrobenzene-d5	1.67	1.22			73%	17 - 120	9070221	07/08/09 01:15

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 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												
9064487-BSD1												
Benzene		50.6		ug/kg	50.0	101%	78 - 126	4	50	9064487		07/01/09 13:06
Ethylbenzene		47.9		ug/kg	50.0	96%	79 - 130	10	50	9064487		07/01/09 13:06
Naphthalene		45.6		ug/kg	50.0	91%	72 - 150	17	50	9064487		07/01/09 13:06
Toluene		51.2		ug/kg	50.0	102%	76 - 126	14	50	9064487		07/01/09 13:06
Xylenes, total		161		ug/kg	150	108%	80 - 130	2	50	9064487		07/01/09 13:06
Surrogate: 1,2-Dichloroethane-d4		63.7		ug/kg	50.0	127%	67 - 138			9064487		07/01/09 13:06
Surrogate: Dibromofluoromethane		53.8		ug/kg	50.0	108%	75 - 125			9064487		07/01/09 13:06
Surrogate: Toluene-d8		56.3		ug/kg	50.0	113%	76 - 129			9064487		07/01/09 13:06
Surrogate: 4-Bromofluorobenzene		51.8		ug/kg	50.0	104%	67 - 147			9064487		07/01/09 13:06
9070397-BSD1												
Benzene		52.8		ug/kg	50.0	106%	78 - 126	1	50	9070397		07/02/09 13:49
Ethylbenzene		49.9		ug/kg	50.0	100%	79 - 130	5	50	9070397		07/02/09 13:49
Naphthalene		47.9		ug/kg	50.0	96%	72 - 150	17	50	9070397		07/02/09 13:49
Toluene		54.1		ug/kg	50.0	108%	76 - 126	9	50	9070397		07/02/09 13:49
Xylenes, total		160		ug/kg	150	107%	80 - 130	6	50	9070397		07/02/09 13:49
Surrogate: 1,2-Dichloroethane-d4		54.3		ug/kg	50.0	109%	67 - 138			9070397		07/02/09 13:49
Surrogate: Dibromofluoromethane		49.0		ug/kg	50.0	98%	75 - 125			9070397		07/02/09 13:49
Surrogate: Toluene-d8		55.8		ug/kg	50.0	112%	76 - 129			9070397		07/02/09 13:49
Surrogate: 4-Bromofluorobenzene		53.7		ug/kg	50.0	107%	67 - 147			9070397		07/02/09 13:49
9070635-BSD1												
Benzene		51.4		ug/kg	50.0	103%	78 - 126	2	50	9070635		07/06/09 14:20
Ethylbenzene		46.5		ug/kg	50.0	93%	79 - 130	11	50	9070635		07/06/09 14:20
Naphthalene		50.8		ug/kg	50.0	102%	72 - 150	2	50	9070635		07/06/09 14:20
Toluene		52.8		ug/kg	50.0	106%	76 - 126	9	50	9070635		07/06/09 14:20
Xylenes, total		141		ug/kg	150	94%	80 - 130	17	50	9070635		07/06/09 14:20
Surrogate: 1,2-Dichloroethane-d4		51.1		ug/kg	50.0	102%	67 - 138			9070635		07/06/09 14:20
Surrogate: Dibromofluoromethane		49.7		ug/kg	50.0	99%	75 - 125			9070635		07/06/09 14:20
Surrogate: Toluene-d8		55.6		ug/kg	50.0	111%	76 - 129			9070635		07/06/09 14:20
Surrogate: 4-Bromofluorobenzene		49.6		ug/kg	50.0	99%	67 - 147			9070635		07/06/09 14:20

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 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										
9064487-MS1										
Benzene	ND	3.03		mg/kg dry	3.01	101%	42 - 141	9064487	NSF2552-10	07/01/09 21:54
Ethylbenzene	0.00143	2.89		mg/kg dry	3.01	96%	21 - 165	9064487	NSF2552-10	07/01/09 21:54
Naphthalene	0.0169	2.85		mg/kg dry	3.01	94%	10 - 160	9064487	NSF2552-10	07/01/09 21:54
Toluene	ND	3.17		mg/kg dry	3.01	105%	45 - 145	9064487	NSF2552-10	07/01/09 21:54
Xylenes, total	ND	9.35		mg/kg dry	9.04	104%	31 - 159	9064487	NSF2552-10	07/01/09 21:54
Surrogate: 1,2-Dichloroethane-d4		51.2		ug/kg	50.0	102%	67 - 138	9064487	NSF2552-10	07/01/09 21:54
Surrogate: Dibromofluoromethane		49.0		ug/kg	50.0	98%	75 - 125	9064487	NSF2552-10	07/01/09 21:54
Surrogate: Toluene-d8		56.3		ug/kg	50.0	113%	76 - 129	9064487	NSF2552-10	07/01/09 21:54
Surrogate: 4-Bromofluorobenzene		57.3		ug/kg	50.0	115%	67 - 147	9064487	NSF2552-10	07/01/09 21:54
9070397-MS1										
Benzene	ND	0.0391		mg/kg dry	0.0560	70%	42 - 141	9070397	NSF2627-12	07/02/09 22:42
Ethylbenzene	ND	0.0331		mg/kg dry	0.0560	59%	21 - 165	9070397	NSF2627-12	07/02/09 22:42
Naphthalene	ND	0.0256		mg/kg dry	0.0560	46%	10 - 160	9070397	NSF2627-12	07/02/09 22:42
Toluene	ND	0.0400		mg/kg dry	0.0560	71%	45 - 145	9070397	NSF2627-12	07/02/09 22:42
Xylenes, total	ND	0.0961		mg/kg dry	0.168	57%	31 - 159	9070397	NSF2627-12	07/02/09 22:42
Surrogate: 1,2-Dichloroethane-d4		47.6		ug/kg	50.0	95%	67 - 138	9070397	NSF2627-12	07/02/09 22:42
Surrogate: Dibromofluoromethane		45.6		ug/kg	50.0	91%	75 - 125	9070397	NSF2627-12	07/02/09 22:42
Surrogate: Toluene-d8		56.1		ug/kg	50.0	112%	76 - 129	9070397	NSF2627-12	07/02/09 22:42
Surrogate: 4-Bromofluorobenzene		55.2		ug/kg	50.0	110%	67 - 147	9070397	NSF2627-12	07/02/09 22:42
9070635-MS1										
Benzene	0.00321	0.0302		mg/kg dry	0.0490	55%	42 - 141	9070635	NSF2495-23	07/06/09 22:14
Ethylbenzene	ND	0.0270		mg/kg dry	0.0490	55%	21 - 165	9070635	NSF2495-23	07/06/09 22:14
Naphthalene	ND	0.0212		mg/kg dry	0.0490	43%	10 - 160	9070635	NSF2495-23	07/06/09 22:14
Toluene	0.00150	0.0295		mg/kg dry	0.0490	57%	45 - 145	9070635	NSF2495-23	07/06/09 22:14
Xylenes, total	ND	0.0791		mg/kg dry	0.147	54%	31 - 159	9070635	NSF2495-23	07/06/09 22:14
Surrogate: 1,2-Dichloroethane-d4		50.0		ug/kg	50.0	100%	67 - 138	9070635	NSF2495-23	07/06/09 22:14
Surrogate: Dibromofluoromethane		47.0		ug/kg	50.0	94%	75 - 125	9070635	NSF2495-23	07/06/09 22:14
Surrogate: Toluene-d8		53.5		ug/kg	50.0	107%	76 - 129	9070635	NSF2495-23	07/06/09 22:14
Surrogate: 4-Bromofluorobenzene		54.3		ug/kg	50.0	109%	67 - 147	9070635	NSF2495-23	07/06/09 22:14
Polyaromatic Hydrocarbons by EPA 8270D										
9070049-MS1										
Acenaphthene	ND	2.56	M1	mg/kg dry	2.02	127%	42 - 120	9070049	NSF2552-07	07/07/09 18:55
Acenaphthylene	ND	2.03		mg/kg dry	2.02	100%	32 - 120	9070049	NSF2552-07	07/07/09 18:55
Anthracene	0.293	2.60		mg/kg dry	2.02	114%	10 - 200	9070049	NSF2552-07	07/07/09 18:55
Benzo (a) anthracene	ND	2.25		mg/kg dry	2.02	111%	41 - 120	9070049	NSF2552-07	07/07/09 18:55

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 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										
9070049-MS1										
Benzo (a) pyrene	ND	2.31		mg/kg dry	2.02	114%	33 - 121	9070049	NSF2552-07	07/07/09 18:55
Benzo (b) fluoranthene	ND	1.84		mg/kg dry	2.02	91%	26 - 137	9070049	NSF2552-07	07/07/09 18:55
Benzo (g,h,i) perylene	ND	1.98		mg/kg dry	2.02	98%	21 - 124	9070049	NSF2552-07	07/07/09 18:55
Benzo (k) fluoranthene	ND	2.73		mg/kg dry	2.02	135%	14 - 140	9070049	NSF2552-07	07/07/09 18:55
Chrysene	ND	2.22		mg/kg dry	2.02	110%	28 - 123	9070049	NSF2552-07	07/07/09 18:55
Dibenz (a,h) anthracene	ND	2.20		mg/kg dry	2.02	109%	25 - 127	9070049	NSF2552-07	07/07/09 18:55
Fluoranthene	ND	2.27		mg/kg dry	2.02	112%	38 - 120	9070049	NSF2552-07	07/07/09 18:55
Fluorene	1.63	3.20		mg/kg dry	2.02	78%	41 - 120	9070049	NSF2552-07	07/07/09 18:55
Indeno (1,2,3-cd) pyrene	ND	2.13		mg/kg dry	2.02	105%	25 - 123	9070049	NSF2552-07	07/07/09 18:55
Naphthalene	3.28	4.53		mg/kg dry	2.02	62%	25 - 120	9070049	NSF2552-07	07/07/09 18:55
Phenanthrene	3.18	4.82		mg/kg dry	2.02	81%	37 - 120	9070049	NSF2552-07	07/07/09 18:55
Pyrene	0.265	2.52		mg/kg dry	2.02	112%	29 - 125	9070049	NSF2552-07	07/07/09 18:55
1-Methylnaphthalene	10.4	10.3	MHA	mg/kg dry	2.02	-4%	19 - 120	9070049	NSF2552-07	07/07/09 18:55
2-Methylnaphthalene	13.4	13.1	MHA	mg/kg dry	2.02	-17%	11 - 120	9070049	NSF2552-07	07/07/09 18:55
Surrogate: Terphenyl-d14		2.30		mg/kg dry	2.02	114%	18 - 120	9070049	NSF2552-07	07/07/09 18:55
Surrogate: 2-Fluorobiphenyl		1.59		mg/kg dry	2.02	79%	14 - 120	9070049	NSF2552-07	07/07/09 18:55
Surrogate: Nitrobenzene-d5		1.39		mg/kg dry	2.02	69%	17 - 120	9070049	NSF2552-07	07/07/09 18:55
9070221-MS1										
Acenaphthene	ND	1.14		mg/kg dry	1.70	67%	42 - 120	9070221	NSG0085-09	07/08/09 01:38
Acenaphthylene	ND	1.21		mg/kg dry	1.70	71%	32 - 120	9070221	NSG0085-09	07/08/09 01:38
Anthracene	ND	1.26		mg/kg dry	1.70	74%	10 - 200	9070221	NSG0085-09	07/08/09 01:38
Benzo (a) anthracene	ND	1.23		mg/kg dry	1.70	72%	41 - 120	9070221	NSG0085-09	07/08/09 01:38
Benzo (a) pyrene	ND	1.29		mg/kg dry	1.70	76%	33 - 121	9070221	NSG0085-09	07/08/09 01:38
Benzo (b) fluoranthene	ND	1.29		mg/kg dry	1.70	75%	26 - 137	9070221	NSG0085-09	07/08/09 01:38
Benzo (g,h,i) perylene	ND	1.30		mg/kg dry	1.70	76%	21 - 124	9070221	NSG0085-09	07/08/09 01:38
Benzo (k) fluoranthene	ND	1.11		mg/kg dry	1.70	65%	14 - 140	9070221	NSG0085-09	07/08/09 01:38
Chrysene	ND	1.21		mg/kg dry	1.70	71%	28 - 123	9070221	NSG0085-09	07/08/09 01:38
Dibenz (a,h) anthracene	ND	1.30		mg/kg dry	1.70	76%	25 - 127	9070221	NSG0085-09	07/08/09 01:38
Fluoranthene	ND	1.27		mg/kg dry	1.70	75%	38 - 120	9070221	NSG0085-09	07/08/09 01:38
Fluorene	ND	1.15		mg/kg dry	1.70	67%	41 - 120	9070221	NSG0085-09	07/08/09 01:38
Indeno (1,2,3-cd) pyrene	ND	1.29		mg/kg dry	1.70	76%	25 - 123	9070221	NSG0085-09	07/08/09 01:38
Naphthalene	ND	1.08		mg/kg dry	1.70	63%	25 - 120	9070221	NSG0085-09	07/08/09 01:38
Phenanthrene	ND	1.17		mg/kg dry	1.70	69%	37 - 120	9070221	NSG0085-09	07/08/09 01:38
Pyrene	ND	1.17		mg/kg dry	1.70	68%	29 - 125	9070221	NSG0085-09	07/08/09 01:38
1-Methylnaphthalene	ND	1.03		mg/kg dry	1.70	60%	19 - 120	9070221	NSG0085-09	07/08/09 01:38
2-Methylnaphthalene	ND	1.12		mg/kg dry	1.70	66%	11 - 120	9070221	NSG0085-09	07/08/09 01:38
Surrogate: Terphenyl-d14		1.13		mg/kg dry	1.70	67%	18 - 120	9070221	NSG0085-09	07/08/09 01:38

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 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										
9070221-MS1										
Surrogate: 2-Fluorobiphenyl		1.13		mg/kg dry	1.70	66%	14 - 120	9070221	NSG0085-09	07/08/09 01:38
Surrogate: Nitrobenzene-d5		1.25		mg/kg dry	1.70	73%	17 - 120	9070221	NSG0085-09	07/08/09 01:38

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 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												
9064487-MSD1												
Benzene	ND	3.33		mg/kg dry	3.01	110%	42 - 141	9	50	9064487	NSF2552-10	07/01/09 22:23
Ethylbenzene	0.00143	3.13		mg/kg dry	3.01	104%	21 - 165	8	50	9064487	NSF2552-10	07/01/09 22:23
Naphthalene	0.0169	3.30		mg/kg dry	3.01	109%	10 - 160	15	50	9064487	NSF2552-10	07/01/09 22:23
Toluene	ND	3.52		mg/kg dry	3.01	117%	45 - 145	10	50	9064487	NSF2552-10	07/01/09 22:23
Xylenes, total	ND	9.83		mg/kg dry	9.04	109%	31 - 159	5	50	9064487	NSF2552-10	07/01/09 22:23
Surrogate: 1,2-Dichloroethane-d4		51.6		ug/kg	50.0	103%	67 - 138			9064487	NSF2552-10	07/01/09 22:23
Surrogate: Dibromofluoromethane		49.5		ug/kg	50.0	99%	75 - 125			9064487	NSF2552-10	07/01/09 22:23
Surrogate: Toluene-d8		56.5		ug/kg	50.0	113%	76 - 129			9064487	NSF2552-10	07/01/09 22:23
Surrogate: 4-Bromofluorobenzene		57.5		ug/kg	50.0	115%	67 - 147			9064487	NSF2552-10	07/01/09 22:23
9070397-MSD1												
Benzene	ND	0.0507		mg/kg dry	0.0577	88%	42 - 141	26	50	9070397	NSF2627-12	07/02/09 23:11
Ethylbenzene	ND	0.0434		mg/kg dry	0.0577	75%	21 - 165	27	50	9070397	NSF2627-12	07/02/09 23:11
Naphthalene	ND	0.0229		mg/kg dry	0.0577	40%	10 - 160	11	50	9070397	NSF2627-12	07/02/09 23:11
Toluene	ND	0.0500		mg/kg dry	0.0577	87%	45 - 145	22	50	9070397	NSF2627-12	07/02/09 23:11
Xylenes, total	ND	0.132		mg/kg dry	0.173	76%	31 - 159	31	50	9070397	NSF2627-12	07/02/09 23:11
Surrogate: 1,2-Dichloroethane-d4		49.6		ug/kg	50.0	99%	67 - 138			9070397	NSF2627-12	07/02/09 23:11
Surrogate: Dibromofluoromethane		49.1		ug/kg	50.0	98%	75 - 125			9070397	NSF2627-12	07/02/09 23:11
Surrogate: Toluene-d8		56.3		ug/kg	50.0	113%	76 - 129			9070397	NSF2627-12	07/02/09 23:11
Surrogate: 4-Bromofluorobenzene		53.6		ug/kg	50.0	107%	67 - 147			9070397	NSF2627-12	07/02/09 23:11
9070635-MSD1												
Benzene	0.00321	0.0396		mg/kg dry	0.0500	73%	42 - 141	27	50	9070635	NSF2495-23	07/06/09 22:43
Ethylbenzene	ND	0.0326		mg/kg dry	0.0500	65%	21 - 165	19	50	9070635	NSF2495-23	07/06/09 22:43
Naphthalene	ND	0.0196		mg/kg dry	0.0500	39%	10 - 160	8	50	9070635	NSF2495-23	07/06/09 22:43
Toluene	0.00150	0.0373		mg/kg dry	0.0500	72%	45 - 145	23	50	9070635	NSF2495-23	07/06/09 22:43
Xylenes, total	ND	0.101		mg/kg dry	0.150	68%	31 - 159	25	50	9070635	NSF2495-23	07/06/09 22:43
Surrogate: 1,2-Dichloroethane-d4		49.7		ug/kg	50.0	99%	67 - 138			9070635	NSF2495-23	07/06/09 22:43
Surrogate: Dibromofluoromethane		50.3		ug/kg	50.0	101%	75 - 125			9070635	NSF2495-23	07/06/09 22:43
Surrogate: Toluene-d8		61.4		ug/kg	50.0	123%	76 - 129			9070635	NSF2495-23	07/06/09 22:43
Surrogate: 4-Bromofluorobenzene		52.3		ug/kg	50.0	105%	67 - 147			9070635	NSF2495-23	07/06/09 22:43
Polyaromatic Hydrocarbons by EPA 8270D												
9070049-MSD1												
Acenaphthene	ND	2.00		mg/kg dry	2.03	98%	42 - 120	24	40	9070049	NSF2552-07	07/07/09 19:16
Acenaphthylene	ND	1.60		mg/kg dry	2.03	79%	32 - 120	24	30	9070049	NSF2552-07	07/07/09 19:16
Anthracene	0.293	1.87		mg/kg dry	2.03	77%	10 - 200	33	50	9070049	NSF2552-07	07/07/09 19:16
Benzo (a) anthracene	ND	1.64	R	mg/kg dry	2.03	81%	41 - 120	31	30	9070049	NSF2552-07	07/07/09 19:16
Benzo (a) pyrene	ND	1.68		mg/kg dry	2.03	82%	33 - 121	32	33	9070049	NSF2552-07	07/07/09 19:16
Benzo (b) fluoranthene	ND	1.69		mg/kg dry	2.03	83%	26 - 137	9	42	9070049	NSF2552-07	07/07/09 19:16
Benzo (g,h,i) perylene	ND	1.46		mg/kg dry	2.03	72%	21 - 124	30	32	9070049	NSF2552-07	07/07/09 19:16

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 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												
9070049-MSD1												
Benzo (k) fluoranthene	ND	1.53	R	mg/kg dry	2.03	75%	14 - 140	56	39	9070049	NSF2552-07	07/07/09 19:16
Chrysene	ND	1.64		mg/kg dry	2.03	81%	28 - 123	30	34	9070049	NSF2552-07	07/07/09 19:16
Dibenz (a,h) anthracene	ND	1.59	R	mg/kg dry	2.03	78%	25 - 127	32	31	9070049	NSF2552-07	07/07/09 19:16
Fluoranthene	ND	1.68		mg/kg dry	2.03	83%	38 - 120	30	35	9070049	NSF2552-07	07/07/09 19:16
Fluorene	1.63	2.41	M2	mg/kg dry	2.03	39%	41 - 120	28	37	9070049	NSF2552-07	07/07/09 19:16
Indeno (1,2,3-cd) pyrene	ND	1.54		mg/kg dry	2.03	76%	25 - 123	32	32	9070049	NSF2552-07	07/07/09 19:16
Naphthalene	3.28	3.23	MHA	mg/kg dry	2.03	-2%	25 - 120	33	42	9070049	NSF2552-07	07/07/09 19:16
Phenanthrene	3.18	3.53	MHA	mg/kg dry	2.03	17%	37 - 120	31	32	9070049	NSF2552-07	07/07/09 19:16
Pyrene	0.265	1.79		mg/kg dry	2.03	75%	29 - 125	34	40	9070049	NSF2552-07	07/07/09 19:16
1-Methylnaphthalene	10.4	7.76	MHA	mg/kg dry	2.03	-131%	19 - 120	28	45	9070049	NSF2552-07	07/07/09 19:16
2-Methylnaphthalene	13.4	10.5	MHA	mg/kg dry	2.03	-143%	11 - 120	22	50	9070049	NSF2552-07	07/07/09 19:16
Surrogate: Terphenyl-d14		1.51		mg/kg dry	2.03	74%	18 - 120			9070049	NSF2552-07	07/07/09 19:16
Surrogate: 2-Fluorobiphenyl		1.27		mg/kg dry	2.03	62%	14 - 120			9070049	NSF2552-07	07/07/09 19:16
Surrogate: Nitrobenzene-d5		1.05		mg/kg dry	2.03	52%	17 - 120			9070049	NSF2552-07	07/07/09 19:16
9070221-MSD1												
Acenaphthene	ND	1.21		mg/kg dry	1.70	71%	42 - 120	6	40	9070221	NSG0085-09	07/08/09 02:01
Acenaphthylene	ND	1.31		mg/kg dry	1.70	77%	32 - 120	8	30	9070221	NSG0085-09	07/08/09 02:01
Anthracene	ND	1.39		mg/kg dry	1.70	82%	10 - 200	10	50	9070221	NSG0085-09	07/08/09 02:01
Benzo (a) anthracene	ND	1.39		mg/kg dry	1.70	82%	41 - 120	12	30	9070221	NSG0085-09	07/08/09 02:01
Benzo (a) pyrene	ND	1.36		mg/kg dry	1.70	80%	33 - 121	6	33	9070221	NSG0085-09	07/08/09 02:01
Benzo (b) fluoranthene	ND	1.30		mg/kg dry	1.70	76%	26 - 137	1	42	9070221	NSG0085-09	07/08/09 02:01
Benzo (g,h,i) perylene	ND	1.36		mg/kg dry	1.70	80%	21 - 124	5	32	9070221	NSG0085-09	07/08/09 02:01
Benzo (k) fluoranthene	ND	1.19		mg/kg dry	1.70	70%	14 - 140	8	39	9070221	NSG0085-09	07/08/09 02:01
Chrysene	ND	1.30		mg/kg dry	1.70	76%	28 - 123	7	34	9070221	NSG0085-09	07/08/09 02:01
Dibenz (a,h) anthracene	ND	1.40		mg/kg dry	1.70	82%	25 - 127	7	31	9070221	NSG0085-09	07/08/09 02:01
Fluoranthene	ND	1.33		mg/kg dry	1.70	78%	38 - 120	4	35	9070221	NSG0085-09	07/08/09 02:01
Fluorene	ND	1.29		mg/kg dry	1.70	76%	41 - 120	12	37	9070221	NSG0085-09	07/08/09 02:01
Indeno (1,2,3-cd) pyrene	ND	1.43		mg/kg dry	1.70	84%	25 - 123	10	32	9070221	NSG0085-09	07/08/09 02:01
Naphthalene	ND	1.13		mg/kg dry	1.70	66%	25 - 120	4	42	9070221	NSG0085-09	07/08/09 02:01
Phenanthrene	ND	1.27		mg/kg dry	1.70	75%	37 - 120	8	32	9070221	NSG0085-09	07/08/09 02:01
Pyrene	ND	1.35		mg/kg dry	1.70	79%	29 - 125	14	40	9070221	NSG0085-09	07/08/09 02:01
1-Methylnaphthalene	ND	1.06		mg/kg dry	1.70	62%	19 - 120	3	45	9070221	NSG0085-09	07/08/09 02:01
2-Methylnaphthalene	ND	1.16		mg/kg dry	1.70	68%	11 - 120	3	50	9070221	NSG0085-09	07/08/09 02:01
Surrogate: Terphenyl-d14		1.31		mg/kg dry	1.70	77%	18 - 120			9070221	NSG0085-09	07/08/09 02:01
Surrogate: 2-Fluorobiphenyl		1.21		mg/kg dry	1.70	71%	14 - 120			9070221	NSG0085-09	07/08/09 02:01
Surrogate: Nitrobenzene-d5		1.31		mg/kg dry	1.70	77%	17 - 120			9070221	NSG0085-09	07/08/09 02:01

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

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

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

Client	EEG - Small Business Group, Inc. (2449)	Work Order:	NSF2552
	10179 Highway 78	Project Name:	Laurel Bay Housing Project
	Ladson, SC 29456	Project Number:	[none]
Attn	Tom McElwee	Received:	06/26/09 08:00

DATA QUALIFIERS AND DEFINITIONS

CF7	Result may be elevated due to carry over from previously analyzed sample.
E	Concentration exceeds the calibration range and therefore result is semi-quantitative.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
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

NSF2552
07/13/09 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) Brad 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)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	Analyze For: BTEX + Napth - 8260B	PAH - 8270C									RUSH TAT (Pre-Schedule)
								N2SO4 (1)						Methanol																	
1129 Iris	6/22/09	0945	5					2					2	1					X		W	W					NSF 2552-01				
1138 Iris	6/22/09	1355	5					2					2	1					X		W	W					02				
1137 Iris	6/23/09	1150	5					2					2	1					X		W	W					03				
1144 Iris-1	6/23/09	1530	5					2					2	1					X		W	W					04				
1144 Iris-2	6/24/09	0920	5					2					2	1					X		W	W					05				
1148 Iris-1	6/24/09	1145	5					2					2	1					X		W	W					06				
1148 Iris-2	6/24/09	1345	5					2					2	1					X		W	W					07				
1161 Jasmine	6/24/09	1350	5					2					2	1					X		W	W					08				
1162 Jasmine	6/25/09	0910	5					2					2	1					X		W	W					09				
1168 Jasmine	6/25/09	1115	5					2					2	1					X		W	W					10				

Special Instructions:

Method of Shipment: FEDEX

Relinquished by:	Date	Time	Received by:	Date	Time
	6/25/09	1900	Fedex	6/25/09	
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
				6/26/09	0800

Laboratory Comments:
Temperature Upon Receipt: 3.7c
VOCs Free of Headspace? Y

ATTACHMENT A

NON-HAZARDOUS MANIFEST

CWMI

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

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 843 228-6480

A. Manifest Number **WMNA** 10885478

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 843 987-4643

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Heating Oil Tank filled with Sand WM Profile # 102655SC	001		6.89	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 KA UST's from:
1) 1161 JASMINE 2) 1148 Iris -2 3) 1129 Iris 4) 1114 Iris 5) 1059 GARDENIA-2 6) 1148 Iris -1

Purchase Order # EMERGENCY CONTACT:

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	Signature "On behalf of"	Month	Day	Year
W.G. Dukes, J.		06	25	09

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	Signature	Month	Day	Year
Jan Collins		06	25	09

CWM - NHM - 1 - 5/97

#2 - GENERATOR #1 COPY

Appendix C
Laboratory Analytical Report - Groundwater

CDM - AECOM
Multimedia Joint Venture

Volatile Organic Compounds by GC/MS

Client: **AECOM - Resolution Consultants**
Laboratory ID: **QE20007-008**
Description: **BEALB1161TW01WG20150519**
Matrix: **Aqueous**
Date Sampled: **05/18/2015 1145**
Date Received: **05/20/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/22/2015 0419	PMM2		75589

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	LOD	DL	Units	Run
Benzene	71-43-2	8260B	0.45	U	5.0	0.45	0.21	ug/L	1
Ethylbenzene	100-41-4	8260B	0.51	U	5.0	0.51	0.17	ug/L	1
Naphthalene	91-20-3	8260B	0.96	U	5.0	0.96	0.32	ug/L	1
Toluene	108-88-3	8260B	0.48	U	5.0	0.48	0.16	ug/L	1
Xylenes (total)	1330-20-7	8260B	0.57	U	5.0	0.57	0.19	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		89	75-120
1,2-Dichloroethane-d4		89	70-120
Toluene-d8		95	85-120
Dibromofluoromethane		87	85-115

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

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

Semivolatile Organic Compounds by GC/MS (SIM)

Client: **AECOM - Resolution Consultants**
Laboratory ID: **QE20007-008**
Description: **BEALB1161TW01WG20150519**
Matrix: **Aqueous**
Date Sampled: **05/18/2015 1145**
Date Received: **05/20/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D (SIM)	1	05/27/2015 1239	RBH	05/21/2015 1644	75496

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

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Methylnaphthalene-d10		64	15-139
Fluoranthene-d10		75	23-154

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

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

Appendix D
Regulatory Correspondence

CDM - AECOM
Multimedia Joint Venture

D H E C

PROMOTE PROTECT PROSPER

Catherine B. Templeton, Director

May 15, 2014

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

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

Dear Mr. Drawdy,

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

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

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

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

Sincerely,

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

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

Attachment to: Krieg to Drawdy
Subject: IGWA
Dated 5/15/2014

Laurel Bay Underground Storage Tank Assessment Reports for: (121 addresses/139 tanks)

137 Laurel Bay Tank 2	387 Acorn
139 Laurel Bay	392 Acorn Tank 2
229 Cypress Tank 2	396 Acorn Tank 1
261 Beech Tank 1	396 Acorn Tank 2
261 Beech Tank 3	430 Elderberry
273 Birch Tank 1	433 Elderberry
273 Birch Tank 2	439 Elderberry
273 Birch Tank 3	440 Elderberry
276 Birch Tank 2	442 Elderberry
278 Birch Tank 2	443 Elderberry
291 Birch Tank 2	444 Elderberry Tank 1
300 Ash	445 Elderberry
304 Ash	446 Elderberry
314 Ash Tank 1	448 Elderberry
314 Ash Tank 2	449 Elderberry
322 Ash Tank 2	451 Elderberry
323 Ash	453 Elderberry
324 Ash	456 Elderberry Tank 1
325 Ash Tank 1	456 Elderberry Tank 2
325 Ash Tank 2	458 Elderberry Tank 1
326 Ash	458 Elderberry Tank 3
336 Ash	464 Dogwood
339 Ash	466 Dogwood
343 Ash Tank 1	467 Dogwood
344 Ash Tank 1	468 Dogwood
348 Ash	469 Dogwood
349 Ash Tank 1	471 Dogwood Tank 2
353 Ash Tank 1	471 Dogwood Tank 3
362 Aspen	475 Dogwood Tank 1
376 Aspen	475 Dogwood Tank 2
380 Aspen	516 Laurel Bay Tank 1 (UST#03747)
383 Aspen Tank 2	518 Laurel Bay

Laurel Bay Underground Storage Tank Assessment Reports for: (121 addresses/139 tanks) cont.

531 Laurel Bay	1219 Cardinal
532 Laurel Bay	1272 Albatross
635 Dahlia Tank 2	1305 Eagle
638 Dahlia	1353 Cardinal
640 Dahlia Tank 1	1356 Cardinal
640 Dahlia Tank 2	1357 Cardinal
645 Dahlia	1359 Cardinal
647 Dahlia	1360 Cardinal
648 Dahlia Tank 2	1361 Cardinal
650 Dahlia Tank 1	1368 Cardinal
650 Dahlia Tank 2	1370 Cardinal Tank 1
652 Dahlia Tank 1	1377 Dove
652 Dahlia Tank 2	1381 Dove
760 Althea	1382 Dove
763 Althea	1384 Dove
771 Althea	1385 Dove
927 Albacore	1389 Dove
1015 Foxglove	1391 Dove
1046 Gardenia	1392 Dove
1062 Gardenia Tank 2	1393 Dove Tank 1
1070 Heather	1393 Dove Tank 2
1072 Heather	1406 Eagle
1102 Iris Tank 1	1407 Eagle Tank 1
1107 Iris	1411 Eagle Tank 1
1126 Iris	1411 Eagle Tank 2
1129 Iris	1412 Eagle
1132 Iris	1413 Albatross
1133 Iris Tank 1	1414 Albatross
1138 Iris	1422 Albatross
1144 Iris Tank 1	1425 Albatross
1144 Iris Tank 2	1426 Albatross
1148 Iris Tank 1	1432 Dove
1148 Iris Tank 2	1434 Dove
1161 Jasmine	1436 Dove
1167 Jasmine	1438 Dove Tank 1
1170 Jasmine	1440 Dove
1190 Bobwhite	1442 Dove Tank 1
1192 Bobwhite	

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

Division of Waste Management
Bureau of Land and Waste Management

February 22, 2016

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

RE: Approval and Concurrence with Draft Final Initial Groundwater Investigation Report-May and June 2015
Laurel Bay Military Housing Area Multiple Properties
Dated October 2015

Dear Mr. Drawdy,

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

Per the Department's request, groundwater samples were collected from the attached referenced addresses. The Department reviewed the groundwater data and previous investigations and it agrees with the conclusions and recommendations included in the document. To further assess the impact to groundwater, permanent wells should be installed at the 52 stated addresses. For the remaining 91 addresses, there is no indication of contamination on the property and therefore no further investigation is required at this time.

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

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

Sincerely,

Laurel Petrus
RCRA Federal Facilities Section

Attachment: Specific Property Recommendations

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

Attachment to: Petrus to Drawdy
Subject: Draft Final Initial Groundwater Investigation Report-May and June 2015
Specific Property Recommendations
Dated February 22, 2016

Draft Final Initial Groundwater Investigation Report for (143 addresses)

Permanent Monitoring Well Investigation recommendation (52 addresses)	
273 Birch Drive	1192 Bobwhite Drive
325 Ash Street	1194 Bobwhite Drive
326 Ash Street	1272 Albatross Drive
336 Ash Street	1352 Cardinal Lane
343 Ash Street	1356 Cardinal Lane
353 Ash Street	1359 Cardinal Lane
430 Elderberry Drive	1360 Cardinal Lane
440 Elderberry Drive	1362 Cardinal Lane
456 Elderberry Drive	1370 Cardinal Lane
458 Elderberry Drive	1382 Dove Lane
468 Dogwood Drive	1384 Dove lane
518 Laurel Bay Blvd	1385 Dove Lane
635 Dahlia Drive	1389 Dove Lane
638 Dahlia Drive	1392 Dove Lane
640 Dahlia Drive	1393 Dove Lane
647 Dahlia Drive	1407 Eagle Lane
648 Dahlia Drive	1411 Eagle Lane
650 Dahlia Drive	1418 Albatross Drive
652 Dahlia Drive	1420 Albatross Drive
760 Althea Street	1426 Albatross Drive
1102 Iris Lane	1429 Albatross Drive
1132 Iris Lane	1434 Dove Lane
1133 Iris Lane	1436 Dove Lane
1144 Iris Lane	1440 Dove Lane
1148 Iris Lane	1442 Dove Lane
1186 Bobwhite Drive	1444 Dove Lane
No Further Action recommendation (91 addresses):	
137 Laurel Bay Blvd	771 Althea Street
139 Laurel Bay Blvd	927 Albacore Street
229 Cypress Street	1015 Foxglove Street
261 Beech Street	1046 Gardenia Drive
276 Birch Drive	1062 Gardenia Drive
278 Birch Drive	1070 Heather Street
291 Birch Drive	1072 Heather Street

300 Ash Street	1107 Iris Lane
304 Ash Street	1126 Iris Lane
314 Ash Street	1129 Iris Lane
322 Ash Street	1138 Iris Lane
323 Ash Street	1161 Jasmine Street
324 Ash Street	1167 Jasmine Street
339 Ash Street	1170 Jasmine Street
344 Ash Street	1190 Bobwhite Drive
348 Ash Street	1219 Cardinal Lane
349 Ash Street	1305 Eagle Lane
362 Aspen Street	1353 Cardinal Lane
376 Aspen Street	1354 Cardinal Lane
380 Aspen Street	1357 Cardinal Lane
383 Aspen Street	1361 Cardinal Lane
387 Acorn Drive	1364 Cardinal Lane
392 Acorn Drive	1368 Cardinal Lane
396 Acorn Drive	1377 Dove Lane
433 Elderberry Drive	1381 Dove Lane
439 Elderberry Drive	1391 Dove Lane
442 Elderberry Drive	1403 Eagle Lane
443 Elderberry Drive	1404 Eagle Lane
444 Elderberry Drive	1405 Eagle Lane
445 Elderberry Drive	1406 Eagle Lane
446 Elderberry Drive	1408 Eagle Lane
448 Elderberry Drive	1410 Eagle Lane
449 Elderberry Drive	1412 Eagle Lane
451 Elderberry Drive	1413 Albatross Drive
453 Elderberry Drive	1414 Albatross Drive
464 Dogwood Drive	1417 Albatross Drive
466 Dogwood Drive	1421 Albatross Drive
467 Dogwood Drive	1422 Albatross Drive
469 Dogwood Drive	1425 Albatross Drive
471 Dogwood Drive	1427 Albatross Drive
475 Dogwood Drive	1430 Dove Lane
516 Laurel Bay Blvd	1432 Dove Lane
531 Laurel Bay Blvd	1438 Dove Lane
532 Laurel Bay Blvd	1453 Cardinal Lane
645 Dahlia Drive	1455 Cardinal Lane
763 Althea Street	