

SUMMARY REPORT  
861 WEST LAUREL BAY BOULEVARD (FORMERLY 142 WEST LAUREL BAY BOULEVARD)  
LAUREL BAY MILITARY HOUSING AREA  
MARINE CORPS AIR STATION BEAUFORT  
BEAUFORT, SC

Revision: 0  
Prepared for:

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

and



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

JUNE 2021

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Prepared by:

**CDM - AECOM**  
Multimedia Joint Venture

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

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

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## List of Acronyms

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

## 1.0 INTRODUCTION

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

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

This report summarizes the results the environmental investigation activities associated with the storage of home heating oil and the potential release of petroleum constituents at the referenced property. Based on the results of the investigation, a No Further Action (NFA) determination has been made by the South Carolina Department of Health and Environmental Control (SCDHEC) for 861 West Laurel Bay Boulevard (Formerly 142 West Laurel Bay Boulevard). 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

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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*

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*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 861 West Laurel Bay Boulevard (Formerly 142 West Laurel Bay Boulevard). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 142 West Laurel Bay Boulevard* (MCAS Beaufort, 2009). The UST Assessment Report is provided in Appendix B.

### 2.1 UST Removal and Soil Sampling

On March 16, 2009, a single 280 gallon heating oil UST was removed from the landscaped area adjacent to the driveway at 861 West Laurel Bay Boulevard (Formerly 142 West Laurel Bay Boulevard). The former UST location is indicated on Figures 2 and 3 of the UST Assessment Report (Appendix B). The UST was removed and properly disposed of (i.e., shipped offsite for recycling or transported to a landfill). There was no visual evidence (i.e., staining or sheen) of petroleum impact at the time of the UST removal. According to the UST Assessment Report (Appendix B), the depth to the base of the UST was 4'10" 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 861 West Laurel Bay Boulevard (Formerly 142 West Laurel Bay Boulevard) were less than the SCDHEC RBSLs, which indicated the subsurface was not impacted by COPCs associated with the former UST at concentrations that presented a potential risk to human health and the environment.

## 3.0 PROPERTY STATUS

Based on the analytical results for soil, SCDHEC made the determination that NFA was required for 861 West Laurel Bay Boulevard (Formerly 142 West Laurel Bay Boulevard). This NFA determination was obtained in a letter dated May 17, 2009. SCDHEC's NFA letter is provided in Appendix C.

## 4.0 REFERENCES

Marine Corps Air Station Beaufort, 2009. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 142 West Laurel Bay Boulevard, Laurel Bay Military Housing Area, April 2009.*



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

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

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

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

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

## Table

**Table 1**  
**Laboratory Analytical Results - Soil**  
**861 West Laurel Bay Boulevard (Formerly 142 West Laurel Bay Boulevard)**  
**Laurel Bay Military Housing Area**  
**Marine Corps Air Station Beaufort**  
**Beaufort, South Carolina**

Constituent	SCDHEC RBSLs <sup>(1)</sup>	Results Sample Collected 03/16/09
<b>Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)</b>		
Benzene	0.003	ND
Ethylbenzene	1.15	ND
Naphthalene	0.036	<b>0.00608</b>
Toluene	0.627	ND
Xylenes, Total	13.01	ND
<b>Semivolatile Organic Compounds Analyzed by EPA Method 8270D (mg/kg)</b>		
Benzo(a)anthracene	0.66	ND
Benzo(b)fluoranthene	0.66	ND
Benzo(k)fluoranthene	0.66	ND
Chrysene	0.66	ND
Dibenz(a,h)anthracene	0.66	ND

**Notes:**

<sup>(1)</sup> South Carolina Risk-Based Screening Levels from the Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 1.0 and 1.1 (SCDHEC, May 2001 and SCDHEC, February 2011) and the Underground Storage Tank Assessment Guidelines (SCDHEC, February 2006).

Bold font indicates the analyte was detected.

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

EPA - United States Environmental Protection Agency

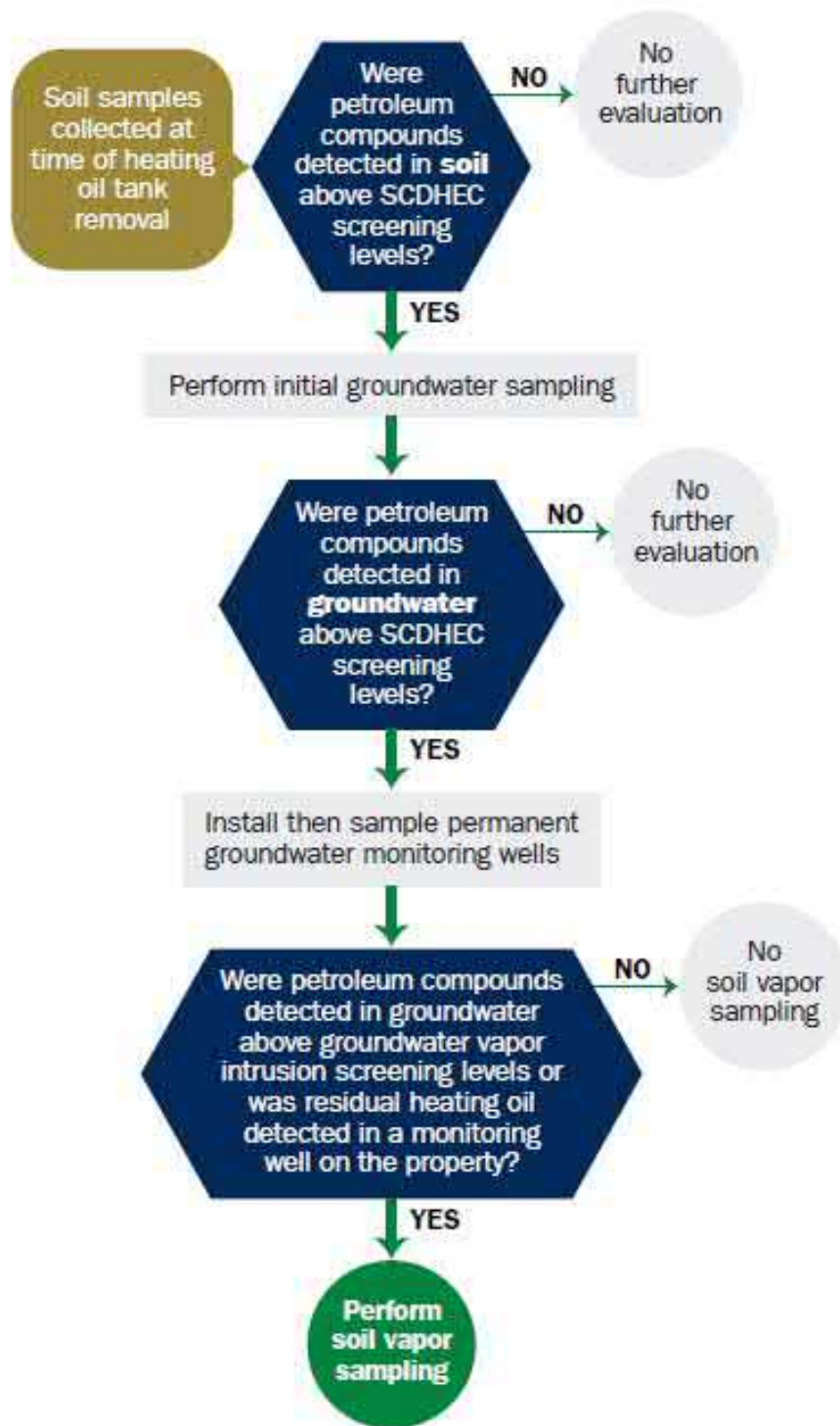
mg/kg - milligram per kilogram

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

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

**Appendix A**  
**Multi-Media Selection Process for LBMH**



Appendix A - Multi-Media Selection Process for LBMH

**Appendix B**  
**UST Assessment Report**

NFA

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

04192

**RECEIVED**

APR 24 2009

SITE ASSESSMENT,  
REMEDICATION &  
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	
142 Laurel Bay Blvd., Laurel Bay Military Housing Area	
Street Address or State Road (as applicable)	
Beaufort,	Beaufort
City	County

**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**

142LaurelBayBlvd			
heating oil			
280 gal			
Late 1950s			
Steel			
Mid 1980s			
4'10"			
No			
No			
Removed			
3/16/09			
Yes			
Yes			

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

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

C. Age.....

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

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

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

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

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

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

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

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

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

M. Method of disposal for any USTs removed from the ground (attach disposal manifests)  
 Tank 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 142LaurelBayBlvd was filled with sand.

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

## VII. PIPING INFORMATION

- 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.....

142 Laurel Bay Blvd				
Steel/ Copper				
N/A				
N/A				
Suction				
No*				
Yes				
No				
Early 1950s				

- I. If any corrosion, pitting, or holes were observed, describe the location and extent for each piping run.  
Corrosion and pitting were found on the surface of the steel pipe.

~~\*Steel vent piping was removed. Copper supply & return pipping was cut & capped at the edge of the excavation.~~

## 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
<p>A. Were any petroleum-stained or contaminated soils found in the UST excavation, soil borings, trenches, or monitoring wells?</p> <p>If yes, indicate depth and location on the site map.</p>		X	
<p>B. Were any petroleum odors detected in the excavation, soil borings, trenches, or monitoring wells?</p> <p>If yes, indicate location on site map and describe the odor (strong, mild, etc.)</p>		X	
<p>C. Was water present in the UST excavation, soil borings, or trenches?</p> <p>If yes, how far below land surface (indicate location and depth)?</p>		X	
<p>D. Did contaminated soils remain stockpiled on site after closure?</p> <p>If yes, indicate the stockpile location on the site map.</p> <p>Name of DHEC representative authorizing soil removal:</p>		X	
<p>E. Was a petroleum sheen or free product detected on any excavation or boring waters?</p> <p>If yes, indicate location and thickness.</p>		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 #
142	Laurel Bay Blvd Excav at fill end	Soil	Clay	4'10"	3/16/09 0915 hrs	S. Pratt	
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

\* = Depth Below the Surrounding Land Surface



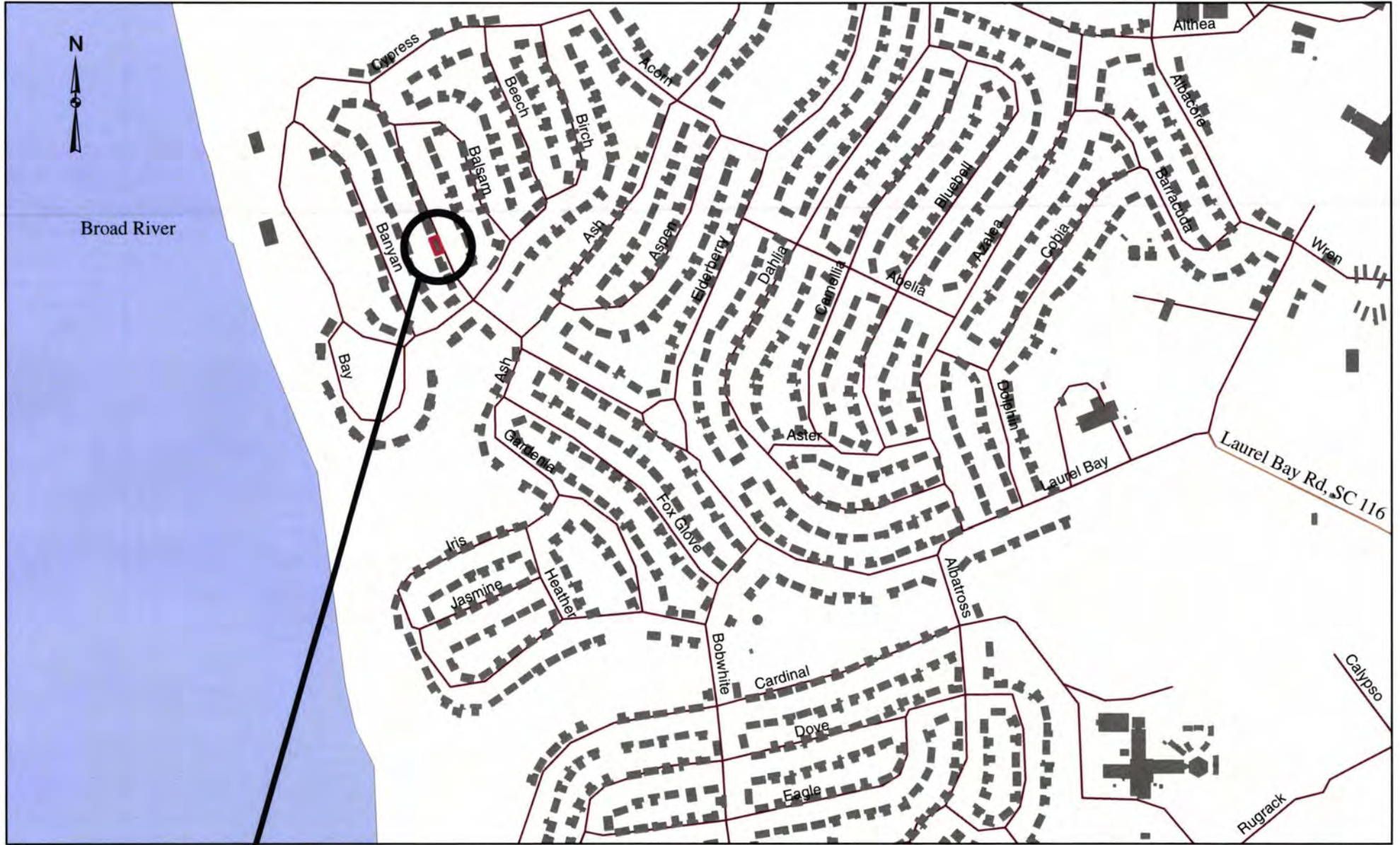
## XII. RECEPTORS

	Yes	No
<p>A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system?</p> <p style="margin-left: 40px;">If yes, indicate type of receptor, distance, and direction on site map.</p>	X	
<p>B. Are there any public, private, or irrigation water supply wells within 1000 feet of the UST system?</p> <p style="margin-left: 40px;">If yes, indicate type of well, distance, and direction on site map.</p>		X
<p>C. Are there any underground structures (e.g., basements) Located within 100 feet of the UST system?</p> <p style="margin-left: 40px;">If yes, indicate type of structure, distance, and direction on site map.</p>		X
<p>D. Are there any underground utilities (e.g., telephone, electricity, gas, water, sewer, storm drain) located within 100 feet of the UST system that could potentially come in contact with the contamination?      *Sewer, water, electricity, cable, fiber optic</p> <p style="margin-left: 40px;">If yes, indicate the type of utility, distance, and direction on the site map.</p>	X*	
<p>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?</p> <p style="margin-left: 40px;">If yes, indicate the area of contaminated soil on the site map.</p>		X

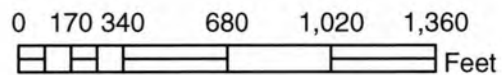
### **XIII. SITE MAP**

**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)



**142 Laurel Bay Blvd**

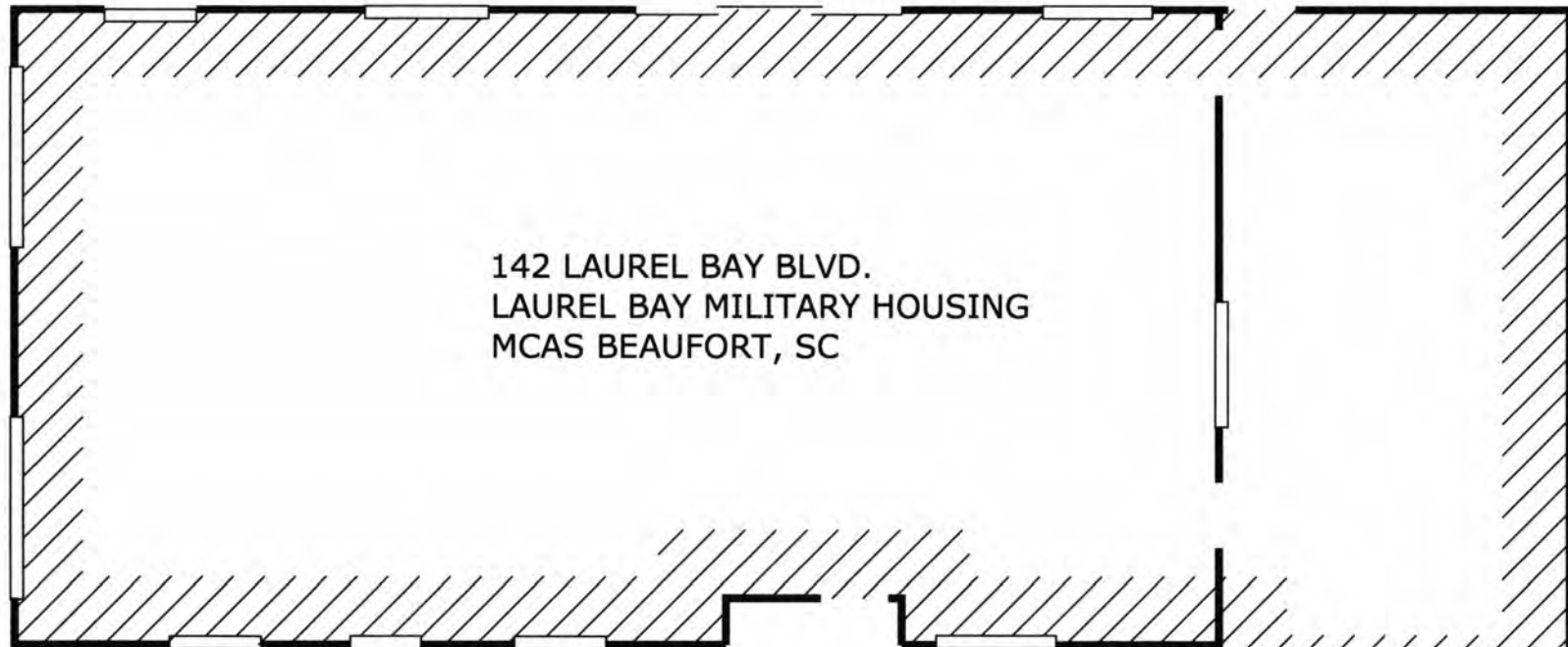
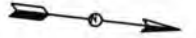


**SBG-EEG, Inc.**  
 Small Business Group, Inc.  
 10179 Hwy 78  
 Ladson, SC 29456  
 Ph. (843) 879-0400  
 Drawn By: L. DiAsio  
 Dwg Date: Apr 2009

**FIGURE 1: LOCATION MAP**  
**142 LAUREL BAY BLVD., LAUREL BAY**  
**MCAS BEAUFORT SC**



870' BROAD RIVER



142 LAUREL BAY BLVD.  
LAUREL BAY MILITARY HOUSING  
MCAS BEAUFORT, SC

PORCH

SIDEWALK

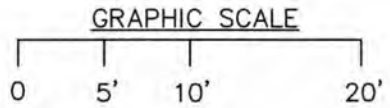
UST 142  
LAURELBAYBLVD

WASTE WATER

DRIVEWAY

DHE  
DHE

POWER  
POLE



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

FIGURE 2 SITE MAP  
142 LAUREL BAY BLVD., LAUREL BAY  
MCAS BEAUFORT SC  
SCALE: GRAPHIC      DWG DATE APR 2009

142 LAUREL BAY BLVD.  
LAUREL BAY MILITARY HOUSING  
MCAS BEAUFORT, SC



870' BROAD RIVER

PORCH

GRASS

SIDEWALK

UST 142LAURELBAYBLVD

280 GALLON  
UST

FILL END

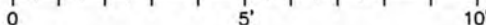
EXCAVATION

SOIL SAMPLE  
142LAURELBAYBLVD

ASPHALT  
DRIVEWAY

UST 142LAURELBAYBLVD  
WAS 22" BELOW GRADE

GRAPHIC SCALE



**SBG-EEG**

10179 HWY 78  
LADSON, SC 29456

ph. (843) 879-0400

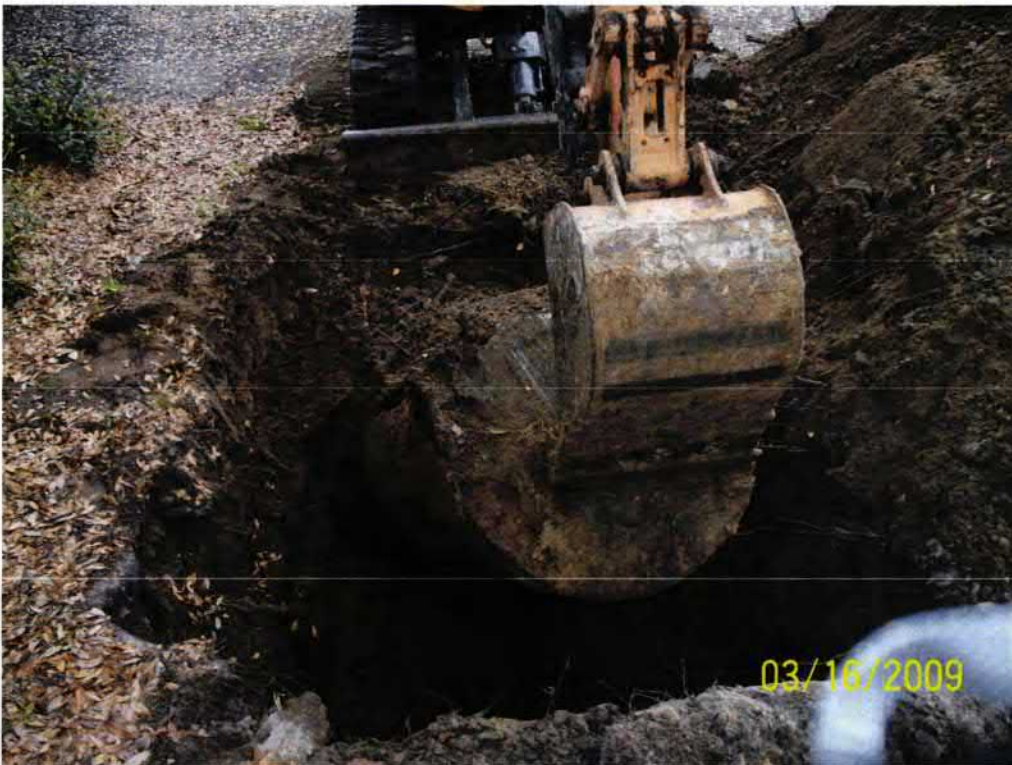
FIGURE 3 UST SAMPLE LOCATIONS  
142 LAUREL BAY BLVD., LAUREL BAY  
MCAS BEAUFORT SC

SCALE: GRAPHIC

DWG DATE APR 2009



Picture 1: 142 Laurel Bay Blvd site.



Picture 2: UST 142LaurelBayBlvd being removed from the 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.

<b>CoC</b>	142LaurelBayBlvd.							
<b>Benzene</b>	ND							
<b>Toluene</b>	ND							
<b>Ethylbenzene</b>	ND							
<b>Xylenes</b>	ND							
<b>Naphthalene</b>	0.00608 mg/kg							
<b>Benzo (a) anthracene</b>	ND							
<b>Benzo (b) fluoranthene</b>	ND							
<b>Benzo (k) fluoranthene</b>	ND							
<b>Chrysene</b>	ND							
<b>Dibenz (a, h) anthracene</b>	ND							
<b>TPH (EPA 3550)</b>								

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

**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.

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

## **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)

March 31, 2009 5:14:39PM

Client: EEG - Env. Enterprise Group (2449)  
10179 Highway 78  
Ladson, SC 29456  
Attn: Tom McElwee

Work Order: NSC1899  
Project Name: Laurel Bay Housing Project  
Project Nbr: [none]  
P/O Nbr: 08087  
Date Received: 03/20/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
142 Laurel Bay Blvd.	NSC1899-01	03/16/09 09:15
140 Laurel Bay Blvd.-1	NSC1899-02	03/17/09 13:55
140 Laurel Bay Blvd.-2	NSC1899-03	03/17/09 10:25
144 Laurel Bay Blvd.	NSC1899-04	03/18/09 10:30
148 Laurel Bay Blvd.	NSC1899-05	03/19/09 10:20

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.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

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

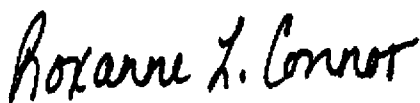
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Roxanne Connor

Program Manager - Conventional Accounts

Client EEG - Env. Enterprise Group (2449)  
 10179 Highway 78  
 Ladson, SC 29456  
 Attn Tom McElwee

Work Order: NSC1899  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 03/20/09 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSC1899-01 (142 Laurel Bay Blvd. - Soil) Sampled: 03/16/09 09:15</b>								
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.0820	1	03/23/09 22:12	SW846 8270D	9033305
Acenaphthylene	ND		mg/kg dry	0.0820	1	03/23/09 22:12	SW846 8270D	9033305
Anthracene	ND		mg/kg dry	0.0820	1	03/23/09 22:12	SW846 8270D	9033305
Benzo (a) anthracene	ND		mg/kg dry	0.0820	1	03/23/09 22:12	SW846 8270D	9033305
Benzo (a) pyrene	ND		mg/kg dry	0.0820	1	03/23/09 22:12	SW846 8270D	9033305
Benzo (b) fluoranthene	ND		mg/kg dry	0.0820	1	03/23/09 22:12	SW846 8270D	9033305
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0820	1	03/23/09 22:12	SW846 8270D	9033305
Benzo (k) fluoranthene	ND		mg/kg dry	0.0820	1	03/23/09 22:12	SW846 8270D	9033305
Chrysene	ND		mg/kg dry	0.0820	1	03/23/09 22:12	SW846 8270D	9033305
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0820	1	03/23/09 22:12	SW846 8270D	9033305
Fluoranthene	ND		mg/kg dry	0.0820	1	03/23/09 22:12	SW846 8270D	9033305
Fluorene	ND		mg/kg dry	0.0820	1	03/23/09 22:12	SW846 8270D	9033305
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0820	1	03/23/09 22:12	SW846 8270D	9033305
Naphthalene	ND		mg/kg dry	0.0820	1	03/23/09 22:12	SW846 8270D	9033305
Phenanthrene	ND		mg/kg dry	0.0820	1	03/23/09 22:12	SW846 8270D	9033305
Pyrene	ND		mg/kg dry	0.0820	1	03/23/09 22:12	SW846 8270D	9033305
Surr: Terphenyl-d14 (26-128%)	87 %					03/23/09 22:12	SW846 8270D	9033305
Surr: 2-Fluorobiphenyl (19-109%)	74 %					03/23/09 22:12	SW846 8270D	9033305
Surr: Nitrobenzene-d5 (22-104%)	67 %					03/23/09 22:12	SW846 8270D	9033305
General Chemistry Parameters								
% Dry Solids	80.4		%	0.500	1	03/26/09 08:19	SW-846	9033632
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00204	1	03/25/09 23:19	SW846 8260B	9033095
Ethylbenzene	ND		mg/kg dry	0.00204	1	03/25/09 23:19	SW846 8260B	9033095
Naphthalene	0.00608		mg/kg dry	0.00510	1	03/25/09 23:19	SW846 8260B	9033095
Toluene	ND		mg/kg dry	0.00204	1	03/25/09 23:19	SW846 8260B	9033095
Xylenes, total	ND		mg/kg dry	0.00510	1	03/25/09 23:19	SW846 8260B	9033095
Surr: 1,2-Dichloroethane-d4 (41-150%)	92 %					03/25/09 23:19	SW846 8260B	9033095
Surr: Dibromofluoromethane (55-139%)	104 %					03/25/09 23:19	SW846 8260B	9033095
Surr: Toluene-d8 (57-148%)	115 %					03/25/09 23:19	SW846 8260B	9033095
Surr: 4-Bromofluorobenzene (58-150%)	145 %					03/25/09 23:19	SW846 8260B	9033095



Client EEG - Env. Enterprise Group (2449)  
 10179 Highway 78  
 Ladson, SC 29456  
 Attn Tom McElwee

Work Order: NSC1899  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 03/20/09 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSC1899-02 (140 Laurel Bay Blvd.-1 - Soil) Sampled: 03/17/09 13:55</b>								
<b>Polyaromatic Hydrocarbons by EPA 8270D</b>								
Acenaphthene	ND		mg/kg dry	0.0842	1	03/23/09 22:35	SW846 8270D	9033305
Acenaphthylene	ND		mg/kg dry	0.0842	1	03/23/09 22:35	SW846 8270D	9033305
Anthracene	<b>0.697</b>		mg/kg dry	0.0842	1	03/23/09 22:35	SW846 8270D	9033305
Benzo (a) anthracene	<b>0.995</b>		mg/kg dry	0.0842	1	03/23/09 22:35	SW846 8270D	9033305
Benzo (a) pyrene	<b>0.549</b>		mg/kg dry	0.0842	1	03/23/09 22:35	SW846 8270D	9033305
Benzo (b) fluoranthene	<b>0.619</b>		mg/kg dry	0.0842	1	03/23/09 22:35	SW846 8270D	9033305
Benzo (g,h,i) perylene	<b>0.207</b>		mg/kg dry	0.0842	1	03/23/09 22:35	SW846 8270D	9033305
Benzo (k) fluoranthene	<b>0.528</b>		mg/kg dry	0.0842	1	03/23/09 22:35	SW846 8270D	9033305
Chrysene	<b>1.18</b>		mg/kg dry	0.0842	1	03/23/09 22:35	SW846 8270D	9033305
Dibenz (a,h) anthracene	<b>0.0872</b>		mg/kg dry	0.0842	1	03/23/09 22:35	SW846 8270D	9033305
Fluoranthene	<b>2.11</b>		mg/kg dry	0.0842	1	03/23/09 22:35	SW846 8270D	9033305
Fluorene	ND		mg/kg dry	0.0842	1	03/23/09 22:35	SW846 8270D	9033305
Indeno (1,2,3-cd) pyrene	<b>0.216</b>		mg/kg dry	0.0842	1	03/23/09 22:35	SW846 8270D	9033305
Naphthalene	<b>12.3</b>		mg/kg dry	0.421	5	03/24/09 12:28	SW846 8270D	9033305
Phenanthrene	<b>9.51</b>		mg/kg dry	0.421	5	03/24/09 12:28	SW846 8270D	9033305
Pyrene	<b>2.08</b>		mg/kg dry	0.0842	1	03/23/09 22:35	SW846 8270D	9033305
Surr: Terphenyl-d14 (26-128%)	95 %					03/23/09 22:35	SW846 8270D	9033305
Surr: 2-Fluorobiphenyl (19-109%)	88 %					03/23/09 22:35	SW846 8270D	9033305
Surr: Nitrobenzene-d5 (22-104%)	199 %	ZX				03/23/09 22:35	SW846 8270D	9033305
<b>General Chemistry Parameters</b>								
% Dry Solids	<b>79.0</b>		%	0.500	1	03/26/09 08:19	SW-846	9033632
<b>Selected Volatile Organic Compounds by EPA Method 8260B</b>								
Benzene	<b>0.0157</b>		mg/kg dry	0.00174	1	03/26/09 00:20	SW846 8260B	9033095
Ethylbenzene	<b>1.48</b>		mg/kg dry	0.101	50	03/26/09 17:29	SW846 8260B	9034182
Naphthalene	<b>14.3</b>		mg/kg dry	0.506	100	03/27/09 14:36	SW846 8260B	9034202
Toluene	ND		mg/kg dry	0.00174	1	03/26/09 00:20	SW846 8260B	9033095
Xylenes, total	<b>2.24</b>		mg/kg dry	0.253	50	03/26/09 17:29	SW846 8260B	9034182
Surr: 1,2-Dichloroethane-d4 (41-150%)	89 %					03/26/09 00:20	SW846 8260B	9033095
Surr: 1,2-Dichloroethane-d4 (41-150%)	88 %					03/26/09 17:29	SW846 8260B	9034182
Surr: 1,2-Dichloroethane-d4 (41-150%)	91 %					03/27/09 14:36	SW846 8260B	9034202
Surr: Dibromofluoromethane (55-139%)	91 %					03/26/09 00:20	SW846 8260B	9033095
Surr: Dibromofluoromethane (55-139%)	93 %					03/26/09 17:29	SW846 8260B	9034182
Surr: Dibromofluoromethane (55-139%)	94 %					03/27/09 14:36	SW846 8260B	9034202
Surr: Toluene-d8 (57-148%)	154 %	ZX				03/26/09 00:20	SW846 8260B	9033095
Surr: Toluene-d8 (57-148%)	105 %					03/26/09 17:29	SW846 8260B	9034182
Surr: Toluene-d8 (57-148%)	103 %					03/27/09 14:36	SW846 8260B	9034202
Surr: 4-Bromofluorobenzene (58-150%)	136 %					03/26/09 00:20	SW846 8260B	9033095
Surr: 4-Bromofluorobenzene (58-150%)	108 %					03/26/09 17:29	SW846 8260B	9034182
Surr: 4-Bromofluorobenzene (58-150%)	108 %					03/27/09 14:36	SW846 8260B	9034202

Client EEG - Env. Enterprise Group (2449)  
 10179 Highway 78  
 Ladson, SC 29456  
 Attn Tom McElwee

Work Order: NSC1899  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 03/20/09 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSC1899-03 (140 Laurel Bay Blvd.-2 - Soil) Sampled: 03/17/09 10:25</b>								
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.0898	1	03/23/09 22:58	SW846 8270D	9033305
Acenaphthylene	ND		mg/kg dry	0.0898	1	03/23/09 22:58	SW846 8270D	9033305
Anthracene	<b>0.540</b>		mg/kg dry	0.0898	1	03/23/09 22:58	SW846 8270D	9033305
Benzo (a) anthracene	ND		mg/kg dry	0.0898	1	03/23/09 22:58	SW846 8270D	9033305
Benzo (a) pyrene	ND		mg/kg dry	0.0898	1	03/23/09 22:58	SW846 8270D	9033305
Benzo (b) fluoranthene	ND		mg/kg dry	0.0898	1	03/23/09 22:58	SW846 8270D	9033305
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0898	1	03/23/09 22:58	SW846 8270D	9033305
Benzo (k) fluoranthene	ND		mg/kg dry	0.0898	1	03/23/09 22:58	SW846 8270D	9033305
Chrysene	ND		mg/kg dry	0.0898	1	03/23/09 22:58	SW846 8270D	9033305
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0898	1	03/23/09 22:58	SW846 8270D	9033305
Fluoranthene	ND		mg/kg dry	0.0898	1	03/23/09 22:58	SW846 8270D	9033305
Fluorene	<b>2.90</b>		mg/kg dry	0.0898	1	03/23/09 22:58	SW846 8270D	9033305
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0898	1	03/23/09 22:58	SW846 8270D	9033305
Naphthalene	<b>8.56</b>		mg/kg dry	0.449	5	03/24/09 12:51	SW846 8270D	9033305
Phenanthrene	<b>8.58</b>		mg/kg dry	0.449	5	03/24/09 12:51	SW846 8270D	9033305
Pyrene	<b>0.698</b>		mg/kg dry	0.0898	1	03/23/09 22:58	SW846 8270D	9033305
Surr: Terphenyl-d14 (26-128%)	83 %					03/23/09 22:58	SW846 8270D	9033305
Surr: 2-Fluorobiphenyl (19-109%)	77 %					03/23/09 22:58	SW846 8270D	9033305
Surr: Nitrobenzene-d5 (22-104%)	139 %	ZX				03/23/09 22:58	SW846 8270D	9033305
General Chemistry Parameters								
% Dry Solids	<b>72.4</b>		%	0.500	1	03/26/09 08:19	SW-846	9033632
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.133	50	03/26/09 18:00	SW846 8260B	9034182
Ethylbenzene	<b>4.20</b>		mg/kg dry	0.133	50	03/26/09 18:00	SW846 8260B	9034182
Naphthalene	<b>31.1</b>		mg/kg dry	3.32	500	03/27/09 15:06	SW846 8260B	9034202
Toluene	<b>1.33</b>		mg/kg dry	0.133	50	03/26/09 18:00	SW846 8260B	9034182
Xylenes, total	<b>29.5</b>		mg/kg dry	0.332	50	03/26/09 18:00	SW846 8260B	9034182
Surr: 1,2-Dichloroethane-d4 (41-150%)	89 %					03/26/09 18:00	SW846 8260B	9034182
Surr: 1,2-Dichloroethane-d4 (41-150%)	89 %					03/27/09 15:06	SW846 8260B	9034202
Surr: Dibromofluoromethane (55-139%)	91 %					03/26/09 18:00	SW846 8260B	9034182
Surr: Dibromofluoromethane (55-139%)	96 %					03/27/09 15:06	SW846 8260B	9034202
Surr: Toluene-d8 (57-148%)	108 %					03/26/09 18:00	SW846 8260B	9034182
Surr: Toluene-d8 (57-148%)	102 %					03/27/09 15:06	SW846 8260B	9034202
Surr: 4-Bromofluorobenzene (58-150%)	107 %					03/26/09 18:00	SW846 8260B	9034182
Surr: 4-Bromofluorobenzene (58-150%)	110 %					03/27/09 15:06	SW846 8260B	9034202

Client EEG - Env. Enterprise Group (2449)  
 10179 Highway 78  
 Ladson, SC 29456  
 Attn Tom McElwee

Work Order: NSC1899  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 03/20/09 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSC1899-04 (144 Laurel Bay Blvd. - Soil) Sampled: 03/18/09 10:30</b>								
Polyaromatic Hydrocarbons by EPA 8270D								
Acenaphthene	ND		mg/kg dry	0.0829	1	03/27/09 10:53	SW846 8270D	9033201
Acenaphthylene	ND		mg/kg dry	0.0829	1	03/27/09 10:53	SW846 8270D	9033201
Anthracene	ND		mg/kg dry	0.0829	1	03/27/09 10:53	SW846 8270D	9033201
Benzo (a) anthracene	0.0973		mg/kg dry	0.0829	1	03/27/09 10:53	SW846 8270D	9033201
Benzo (a) pyrene	0.0920		mg/kg dry	0.0829	1	03/27/09 10:53	SW846 8270D	9033201
Benzo (b) fluoranthene	0.170		mg/kg dry	0.0829	1	03/27/09 10:53	SW846 8270D	9033201
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0829	1	03/27/09 10:53	SW846 8270D	9033201
Benzo (k) fluoranthene	0.0994		mg/kg dry	0.0829	1	03/27/09 10:53	SW846 8270D	9033201
Chrysene	0.166		mg/kg dry	0.0829	1	03/27/09 10:53	SW846 8270D	9033201
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0829	1	03/27/09 10:53	SW846 8270D	9033201
Fluoranthene	0.161		mg/kg dry	0.0829	1	03/27/09 10:53	SW846 8270D	9033201
Fluorene	ND		mg/kg dry	0.0829	1	03/27/09 10:53	SW846 8270D	9033201
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0829	1	03/27/09 10:53	SW846 8270D	9033201
Naphthalene	ND		mg/kg dry	0.0829	1	03/27/09 10:53	SW846 8270D	9033201
Phenanthrene	ND		mg/kg dry	0.0829	1	03/27/09 10:53	SW846 8270D	9033201
Pyrene	0.228		mg/kg dry	0.0829	1	03/27/09 10:53	SW846 8270D	9033201
Surr: Terphenyl-d14 (26-128%)	69 %					03/27/09 10:53	SW846 8270D	9033201
Surr: 2-Fluorobiphenyl (19-109%)	58 %					03/27/09 10:53	SW846 8270D	9033201
Surr: Nitrobenzene-d5 (22-104%)	53 %					03/27/09 10:53	SW846 8270D	9033201
General Chemistry Parameters								
% Dry Solids	80.6		%	0.500	1	03/26/09 08:19	SW-846	9033632
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00205	1	03/25/09 23:50	SW846 8260B	9033095
Ethylbenzene	ND		mg/kg dry	0.00205	1	03/25/09 23:50	SW846 8260B	9033095
Naphthalene	ND		mg/kg dry	0.00513	1	03/25/09 23:50	SW846 8260B	9033095
Toluene	ND		mg/kg dry	0.00205	1	03/25/09 23:50	SW846 8260B	9033095
Xylenes, total	ND		mg/kg dry	0.00513	1	03/25/09 23:50	SW846 8260B	9033095
Surr: 1,2-Dichloroethane-d4 (41-150%)	90 %					03/25/09 23:50	SW846 8260B	9033095
Surr: Dibromofluoromethane (55-139%)	97 %					03/25/09 23:50	SW846 8260B	9033095
Surr: Toluene-d8 (57-148%)	108 %					03/25/09 23:50	SW846 8260B	9033095
Surr: 4-Bromofluorobenzene (58-150%)	128 %					03/25/09 23:50	SW846 8260B	9033095

Client EEG - Env. Enterprise Group (2449)  
10179 Highway 78  
Ladson, SC 29456  
Attn Tom McElwee

Work Order: NSC1899  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 03/20/09 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSC1899-05 (148 Laurel Bay Blvd. - Soil) Sampled: 03/19/09 10:20</b>								
<b>Polyaromatic Hydrocarbons by EPA 8270D</b>								
Acenaphthene	0.880		mg/kg dry	0.0749	1	03/27/09 00:08	SW846 8270D	9033201
Acenaphthylene	ND		mg/kg dry	0.0749	1	03/27/09 00:08	SW846 8270D	9033201
Anthracene	ND		mg/kg dry	0.0749	1	03/27/09 00:08	SW846 8270D	9033201
Benzo (a) anthracene	0.697		mg/kg dry	0.0749	1	03/27/09 00:08	SW846 8270D	9033201
Benzo (a) pyrene	0.342		mg/kg dry	0.0749	1	03/27/09 00:08	SW846 8270D	9033201
Benzo (b) fluoranthene	0.421		mg/kg dry	0.0749	1	03/27/09 00:08	SW846 8270D	9033201
Benzo (g,h,i) perylene	0.137		mg/kg dry	0.0749	1	03/27/09 00:08	SW846 8270D	9033201
Benzo (k) fluoranthene	0.300		mg/kg dry	0.0749	1	03/27/09 00:08	SW846 8270D	9033201
Chrysene	0.749		mg/kg dry	0.0749	1	03/27/09 00:08	SW846 8270D	9033201
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0749	1	03/27/09 00:08	SW846 8270D	9033201
Fluoranthene	1.27		mg/kg dry	0.0749	1	03/27/09 00:08	SW846 8270D	9033201
Fluorene	1.80		mg/kg dry	0.0749	1	03/27/09 00:08	SW846 8270D	9033201
Indeno (1,2,3-cd) pyrene	0.130		mg/kg dry	0.0749	1	03/27/09 00:08	SW846 8270D	9033201
Naphthalene	2.02		mg/kg dry	0.0749	1	03/27/09 00:08	SW846 8270D	9033201
Phenanthrene	7.51		mg/kg dry	0.749	10	03/27/09 11:14	SW846 8270D	9033201
Pyrene	2.07		mg/kg dry	0.0749	1	03/27/09 00:08	SW846 8270D	9033201
Surr: Terphenyl-d14 (26-128%)	72 %					03/27/09 00:08	SW846 8270D	9033201
Surr: 2-Fluorobiphenyl (19-109%)	49 %					03/27/09 00:08	SW846 8270D	9033201
Surr: Nitrobenzene-d5 (22-104%)	54 %					03/27/09 00:08	SW846 8270D	9033201
<b>General Chemistry Parameters</b>								
% Dry Solids	88.6		%	0.500	1	03/26/09 08:19	SW-846	9033632
<b>Selected Volatile Organic Compounds by EPA Method 8260B</b>								
Benzene	ND		mg/kg dry	0.00197	1	03/26/09 01:21	SW846 8260B	9033095
Ethylbenzene	0.116		mg/kg dry	0.00197	1	03/26/09 01:21	SW846 8260B	9033095
Naphthalene	4.20		mg/kg dry	0.311	50	03/26/09 18:30	SW846 8260B	9034182
Toluene	ND		mg/kg dry	0.00197	1	03/26/09 01:21	SW846 8260B	9033095
Xylenes, total	0.229		mg/kg dry	0.00492	1	03/26/09 01:21	SW846 8260B	9033095
Surr: 1,2-Dichloroethane-d4 (41-150%)	91 %					03/26/09 01:21	SW846 8260B	9033095
Surr: 1,2-Dichloroethane-d4 (41-150%)	91 %					03/26/09 18:30	SW846 8260B	9034182
Surr: Dibromofluoromethane (55-139%)	101 %					03/26/09 01:21	SW846 8260B	9033095
Surr: Dibromofluoromethane (55-139%)	96 %					03/26/09 18:30	SW846 8260B	9034182
Surr: Toluene-d8 (57-148%)	131 %					03/26/09 01:21	SW846 8260B	9033095
Surr: Toluene-d8 (57-148%)	101 %					03/26/09 18:30	SW846 8260B	9034182
Surr: 4-Bromofluorobenzene (58-150%)	675 %	ZX				03/26/09 01:21	SW846 8260B	9033095
Surr: 4-Bromofluorobenzene (58-150%)	101 %					03/26/09 18:30	SW846 8260B	9034182

Client EEG - Env. Enterprise Group (2449)  
 10179 Highway 78  
 Ladson, SC 29456  
 Attn Tom McElwee

Work Order: NSC1899  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 03/20/09 08:00

### SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
<b>Polyaromatic Hydrocarbons by EPA 8270D</b>							
SW846 8270D	9033305	NSC1899-01	30.50	1.00	03/23/09 13:50	TEM	EPA 3550B
SW846 8270D	9033305	NSC1899-02	30.20	1.00	03/23/09 13:50	TEM	EPA 3550B
SW846 8270D	9033305	NSC1899-02RE1	30.20	1.00	03/23/09 13:50	TEM	EPA 3550B
SW846 8270D	9033305	NSC1899-03	30.93	1.00	03/23/09 13:50	TEM	EPA 3550B
SW846 8270D	9033305	NSC1899-03RE1	30.93	1.00	03/23/09 13:50	TEM	EPA 3550B
SW846 8270D	9033201	NSC1899-04	30.08	1.00	03/25/09 08:38	DMG	EPA 3550B
SW846 8270D	9033201	NSC1899-05	30.27	1.00	03/25/09 08:38	DMG	EPA 3550B
SW846 8270D	9033201	NSC1899-05RE1	30.27	1.00	03/25/09 08:38	DMG	EPA 3550B
<b>Selected Volatile Organic Compounds by EPA Method 8260B</b>							
SW846 8260B	9033095	NSC1899-01	6.10	5.00	03/16/09 09:15	JRL	EPA 5035
SW846 8260B	9033095	NSC1899-02	7.27	5.00	03/17/09 13:55	JRL	EPA 5035
SW846 8260B	9034182	NSC1899-02RE1	6.25	5.00	03/17/09 13:55	JRL	EPA 5035
SW846 8260B	9034202	NSC1899-02RE2	6.25	5.00	03/17/09 13:55	JRL	EPA 5035
SW846 8260B	9033095	NSC1899-03	5.53	5.00	03/17/09 10:25	JRL	EPA 5035
SW846 8260B	9034182	NSC1899-03RE1	5.20	5.00	03/17/09 10:25	JRL	EPA 5035
SW846 8260B	9034202	NSC1899-03RE2	5.20	5.00	03/17/09 10:25	JRL	EPA 5035
SW846 8260B	9033095	NSC1899-04	6.05	5.00	03/18/09 10:30	JRL	EPA 5035
SW846 8260B	9033095	NSC1899-05	5.74	5.00	03/19/09 10:20	JRL	EPA 5035
SW846 8260B	9034182	NSC1899-05RE1	4.54	5.00	03/19/09 10:20	JRL	EPA 5035

Client EEG - Env. Enterprise Group (2449)  
 10179 Highway 78  
 Ladson, SC 29456  
 Attn Tom McElwee

Work Order: NSC1899  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 03/20/09 08:00

## PROJECT QUALITY CONTROL DATA

### Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Polyaromatic Hydrocarbons by EPA 8270D</b>						
<b>9033201-BLK1</b>						
Acenaphthene	<0.0310		mg/kg wet	9033201	9033201-BLK1	03/26/09 21:41
Acenaphthylene	<0.0320		mg/kg wet	9033201	9033201-BLK1	03/26/09 21:41
Anthracene	<0.0330		mg/kg wet	9033201	9033201-BLK1	03/26/09 21:41
Benzo (a) anthracene	<0.0380		mg/kg wet	9033201	9033201-BLK1	03/26/09 21:41
Benzo (a) pyrene	<0.0290		mg/kg wet	9033201	9033201-BLK1	03/26/09 21:41
Benzo (b) fluoranthene	<0.0320		mg/kg wet	9033201	9033201-BLK1	03/26/09 21:41
Benzo (g,h,i) perylene	<0.0290		mg/kg wet	9033201	9033201-BLK1	03/26/09 21:41
Benzo (k) fluoranthene	<0.0290		mg/kg wet	9033201	9033201-BLK1	03/26/09 21:41
Chrysene	<0.0390		mg/kg wet	9033201	9033201-BLK1	03/26/09 21:41
Dibenz (a,h) anthracene	<0.0310		mg/kg wet	9033201	9033201-BLK1	03/26/09 21:41
Fluoranthene	<0.0340		mg/kg wet	9033201	9033201-BLK1	03/26/09 21:41
Fluorene	<0.0390		mg/kg wet	9033201	9033201-BLK1	03/26/09 21:41
Indeno (1,2,3-cd) pyrene	<0.0310		mg/kg wet	9033201	9033201-BLK1	03/26/09 21:41
Naphthalene	<0.0410		mg/kg wet	9033201	9033201-BLK1	03/26/09 21:41
Phenanthrene	<0.0340		mg/kg wet	9033201	9033201-BLK1	03/26/09 21:41
Pyrene	<0.0410		mg/kg wet	9033201	9033201-BLK1	03/26/09 21:41
Surrogate: Terphenyl-d14	68%			9033201	9033201-BLK1	03/26/09 21:41
Surrogate: 2-Fluorobiphenyl	62%			9033201	9033201-BLK1	03/26/09 21:41
Surrogate: Nitrobenzene-d5	62%			9033201	9033201-BLK1	03/26/09 21:41
<b>9033305-BLK1</b>						
Acenaphthene	<0.0310		mg/kg wet	9033305	9033305-BLK1	03/23/09 18:25
Acenaphthylene	<0.0320		mg/kg wet	9033305	9033305-BLK1	03/23/09 18:25
Anthracene	<0.0330		mg/kg wet	9033305	9033305-BLK1	03/23/09 18:25
Benzo (a) anthracene	<0.0380		mg/kg wet	9033305	9033305-BLK1	03/23/09 18:25
Benzo (a) pyrene	<0.0290		mg/kg wet	9033305	9033305-BLK1	03/23/09 18:25
Benzo (b) fluoranthene	<0.0320		mg/kg wet	9033305	9033305-BLK1	03/23/09 18:25
Benzo (g,h,i) perylene	<0.0290		mg/kg wet	9033305	9033305-BLK1	03/23/09 18:25
Benzo (k) fluoranthene	<0.0290		mg/kg wet	9033305	9033305-BLK1	03/23/09 18:25
Chrysene	<0.0390		mg/kg wet	9033305	9033305-BLK1	03/23/09 18:25
Dibenz (a,h) anthracene	<0.0310		mg/kg wet	9033305	9033305-BLK1	03/23/09 18:25
Fluoranthene	<0.0340		mg/kg wet	9033305	9033305-BLK1	03/23/09 18:25
Fluorene	<0.0390		mg/kg wet	9033305	9033305-BLK1	03/23/09 18:25
Indeno (1,2,3-cd) pyrene	<0.0310		mg/kg wet	9033305	9033305-BLK1	03/23/09 18:25
Naphthalene	<0.0410		mg/kg wet	9033305	9033305-BLK1	03/23/09 18:25
Phenanthrene	<0.0340		mg/kg wet	9033305	9033305-BLK1	03/23/09 18:25
Pyrene	<0.0410		mg/kg wet	9033305	9033305-BLK1	03/23/09 18:25
Surrogate: Terphenyl-d14	100%			9033305	9033305-BLK1	03/23/09 18:25
Surrogate: 2-Fluorobiphenyl	91%			9033305	9033305-BLK1	03/23/09 18:25
Surrogate: Nitrobenzene-d5	93%			9033305	9033305-BLK1	03/23/09 18:25

Client EEG - Env. Enterprise Group (2449)  
 10179 Highway 78  
 Ladson, SC 29456  
 Attn Tom McElwee

Work Order: NSC1899  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 03/20/09 08:00

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Selected Volatile Organic Compounds by EPA Method 8260B</b>						
<b>9033095-BLK1</b>						
Benzene	<0.000670		mg/kg wet	9033095	9033095-BLK1	03/25/09 20:16
Ethylbenzene	<0.000670		mg/kg wet	9033095	9033095-BLK1	03/25/09 20:16
Naphthalene	<0.00151		mg/kg wet	9033095	9033095-BLK1	03/25/09 20:16
Toluene	<0.000670		mg/kg wet	9033095	9033095-BLK1	03/25/09 20:16
Xylenes, total	<0.00172		mg/kg wet	9033095	9033095-BLK1	03/25/09 20:16
Surrogate: 1,2-Dichloroethane-d4	104%			9033095	9033095-BLK1	03/25/09 20:16
Surrogate: Dibromofluoromethane	95%			9033095	9033095-BLK1	03/25/09 20:16
Surrogate: Toluene-d8	101%			9033095	9033095-BLK1	03/25/09 20:16
Surrogate: 4-Bromofluorobenzene	116%			9033095	9033095-BLK1	03/25/09 20:16
<b>9034182-BLK1</b>						
Benzene	<0.000670		mg/kg wet	9034182	9034182-BLK1	03/26/09 15:11
Ethylbenzene	<0.000670		mg/kg wet	9034182	9034182-BLK1	03/26/09 15:11
Naphthalene	<0.00151		mg/kg wet	9034182	9034182-BLK1	03/26/09 15:11
Toluene	<0.000670		mg/kg wet	9034182	9034182-BLK1	03/26/09 15:11
Xylenes, total	<0.00172		mg/kg wet	9034182	9034182-BLK1	03/26/09 15:11
Surrogate: 1,2-Dichloroethane-d4	95%			9034182	9034182-BLK1	03/26/09 15:11
Surrogate: Dibromofluoromethane	101%			9034182	9034182-BLK1	03/26/09 15:11
Surrogate: Toluene-d8	100%			9034182	9034182-BLK1	03/26/09 15:11
Surrogate: 4-Bromofluorobenzene	112%			9034182	9034182-BLK1	03/26/09 15:11
<b>9034202-BLK1</b>						
Benzene	<0.000670		mg/kg wet	9034202	9034202-BLK1	03/27/09 13:23
Ethylbenzene	<0.000670		mg/kg wet	9034202	9034202-BLK1	03/27/09 13:23
Naphthalene	<0.00151		mg/kg wet	9034202	9034202-BLK1	03/27/09 13:23
Toluene	<0.000670		mg/kg wet	9034202	9034202-BLK1	03/27/09 13:23
Xylenes, total	<0.00172		mg/kg wet	9034202	9034202-BLK1	03/27/09 13:23
Surrogate: 1,2-Dichloroethane-d4	88%			9034202	9034202-BLK1	03/27/09 13:23
Surrogate: Dibromofluoromethane	97%			9034202	9034202-BLK1	03/27/09 13:23
Surrogate: Toluene-d8	98%			9034202	9034202-BLK1	03/27/09 13:23
Surrogate: 4-Bromofluorobenzene	104%			9034202	9034202-BLK1	03/27/09 13:23

Client EEG - Env. Enterprise Group (2449)  
10179 Highway 78  
Ladson, SC 29456  
Attn Tom McElwee

Work Order: NSC1899  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 03/20/09 08:00

**PROJECT QUALITY CONTROL DATA**  
**Duplicate**

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>General Chemistry Parameters</b>									
<b>9033632-DUP1</b>									
% Dry Solids	84.3	86.9		%	3	20	9033632	NSC1794-05	03/26/09 08:19



Client EEG - Env. Enterprise Group (2449)  
 10179 Highway 78  
 Ladson, SC 29456  
 Attn Tom McElwee

Work Order: NSC1899  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 03/20/09 08:00

**PROJECT QUALITY CONTROL DATA**  
**LCS**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Polyaromatic Hydrocarbons by EPA 8270D</b>								
<b>9033201-BS1</b>								
Acenaphthene	1.67	1.49		mg/kg wet	89%	52 - 106	9033201	03/26/09 22:02
Acenaphthylene	1.67	1.51		mg/kg wet	91%	53 - 109	9033201	03/26/09 22:02
Anthracene	1.67	1.66		mg/kg wet	100%	54 - 124	9033201	03/26/09 22:02
Benzo (a) anthracene	1.67	1.44		mg/kg wet	87%	53 - 111	9033201	03/26/09 22:02
Benzo (a) pyrene	1.67	1.61		mg/kg wet	97%	52 - 122	9033201	03/26/09 22:02
Benzo (b) fluoranthene	1.67	1.57		mg/kg wet	94%	48 - 115	9033201	03/26/09 22:02
Benzo (g,h,i) perylene	1.67	1.46		mg/kg wet	88%	46 - 114	9033201	03/26/09 22:02
Benzo (k) fluoranthene	1.67	1.46		mg/kg wet	88%	41 - 121	9033201	03/26/09 22:02
Chrysene	1.67	1.44		mg/kg wet	86%	49 - 113	9033201	03/26/09 22:02
Dibenz (a,h) anthracene	1.67	1.49		mg/kg wet	89%	47 - 117	9033201	03/26/09 22:02
Fluoranthene	1.67	1.56		mg/kg wet	94%	52 - 113	9033201	03/26/09 22:02
Fluorene	1.67	1.51		mg/kg wet	91%	54 - 107	9033201	03/26/09 22:02
Indeno (1,2,3-cd) pyrene	1.67	1.50		mg/kg wet	90%	47 - 115	9033201	03/26/09 22:02
Naphthalene	1.67	1.37		mg/kg wet	82%	34 - 107	9033201	03/26/09 22:02
Phenanthrene	1.67	1.47		mg/kg wet	88%	53 - 108	9033201	03/26/09 22:02
Pyrene	1.67	1.47		mg/kg wet	88%	54 - 113	9033201	03/26/09 22:02
Surrogate: Terphenyl-d14	1.67	1.08			65%	26 - 128	9033201	03/26/09 22:02
Surrogate: 2-Fluorobiphenyl	1.67	1.16			69%	19 - 109	9033201	03/26/09 22:02
Surrogate: Nitrobenzene-d5	1.67	1.18			70%	22 - 104	9033201	03/26/09 22:02
<b>9033305-BS1</b>								
Acenaphthene	1.67	1.45		mg/kg wet	87%	52 - 106	9033305	03/23/09 18:47
Acenaphthylene	1.67	1.48		mg/kg wet	89%	53 - 109	9033305	03/23/09 18:47
Anthracene	1.67	1.65		mg/kg wet	99%	54 - 124	9033305	03/23/09 18:47
Benzo (a) anthracene	1.67	1.55		mg/kg wet	93%	53 - 111	9033305	03/23/09 18:47
Benzo (a) pyrene	1.67	1.59		mg/kg wet	96%	52 - 122	9033305	03/23/09 18:47
Benzo (b) fluoranthene	1.67	1.56		mg/kg wet	94%	48 - 115	9033305	03/23/09 18:47
Benzo (g,h,i) perylene	1.67	1.48		mg/kg wet	89%	46 - 114	9033305	03/23/09 18:47
Benzo (k) fluoranthene	1.67	1.53		mg/kg wet	92%	41 - 121	9033305	03/23/09 18:47
Chrysene	1.67	1.53		mg/kg wet	92%	49 - 113	9033305	03/23/09 18:47
Dibenz (a,h) anthracene	1.67	1.53		mg/kg wet	92%	47 - 117	9033305	03/23/09 18:47
Fluoranthene	1.67	1.45		mg/kg wet	87%	52 - 113	9033305	03/23/09 18:47
Fluorene	1.67	1.46		mg/kg wet	88%	54 - 107	9033305	03/23/09 18:47
Indeno (1,2,3-cd) pyrene	1.67	1.54		mg/kg wet	93%	47 - 115	9033305	03/23/09 18:47
Naphthalene	1.67	1.22		mg/kg wet	73%	34 - 107	9033305	03/23/09 18:47
Phenanthrene	1.67	1.50		mg/kg wet	90%	53 - 108	9033305	03/23/09 18:47
Pyrene	1.67	1.66		mg/kg wet	100%	54 - 113	9033305	03/23/09 18:47
Surrogate: Terphenyl-d14	1.67	1.58			95%	26 - 128	9033305	03/23/09 18:47
Surrogate: 2-Fluorobiphenyl	1.67	1.45			87%	19 - 109	9033305	03/23/09 18:47
Surrogate: Nitrobenzene-d5	1.67	1.30			78%	22 - 104	9033305	03/23/09 18:47

Client EEG - Env. Enterprise Group (2449)  
 10179 Highway 78  
 Ladson, SC 29456  
 Attn Tom McElwee

Work Order: NSC1899  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 03/20/09 08:00

**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Selected Volatile Organic Compounds by EPA Method 8260B</b>								
<b>9033095-BS1</b>								
Benzene	50.0	50.5		ug/kg	101%	76 - 130	9033095	03/25/09 17:42
Ethylbenzene	50.0	53.4		ug/kg	107%	80 - 128	9033095	03/25/09 17:42
Naphthalene	50.0	65.2		ug/kg	130%	63 - 144	9033095	03/25/09 17:42
Toluene	50.0	55.1		ug/kg	110%	80 - 125	9033095	03/25/09 17:42
Xylenes, total	150	160		ug/kg	107%	79 - 130	9033095	03/25/09 17:42
Surrogate: 1,2-Dichloroethane-d4	50.0	49.9			100%	41 - 150	9033095	03/25/09 17:42
Surrogate: Dibromofluoromethane	50.0	48.9			98%	55 - 139	9033095	03/25/09 17:42
Surrogate: Toluene-d8	50.0	51.2			102%	57 - 148	9033095	03/25/09 17:42
Surrogate: 4-Bromofluorobenzene	50.0	53.0			106%	58 - 150	9033095	03/25/09 17:42
<b>9034182-BS1</b>								
Benzene	50.0	51.4		ug/kg	103%	76 - 130	9034182	03/26/09 13:09
Ethylbenzene	50.0	55.2		ug/kg	110%	80 - 128	9034182	03/26/09 13:09
Naphthalene	50.0	60.4		ug/kg	121%	63 - 144	9034182	03/26/09 13:09
Toluene	50.0	56.0		ug/kg	112%	80 - 125	9034182	03/26/09 13:09
Xylenes, total	150	165		ug/kg	110%	79 - 130	9034182	03/26/09 13:09
Surrogate: 1,2-Dichloroethane-d4	50.0	47.9			96%	41 - 150	9034182	03/26/09 13:09
Surrogate: Dibromofluoromethane	50.0	48.3			97%	55 - 139	9034182	03/26/09 13:09
Surrogate: Toluene-d8	50.0	51.2			102%	57 - 148	9034182	03/26/09 13:09
Surrogate: 4-Bromofluorobenzene	50.0	52.4			105%	58 - 150	9034182	03/26/09 13:09
<b>9034202-BS1</b>								
Benzene	50.0	56.4		ug/kg	113%	76 - 130	9034202	03/27/09 11:21
Ethylbenzene	50.0	61.2		ug/kg	122%	80 - 128	9034202	03/27/09 11:21
Naphthalene	50.0	70.1		ug/kg	140%	63 - 144	9034202	03/27/09 11:21
Toluene	50.0	64.6	L1	ug/kg	129%	80 - 125	9034202	03/27/09 11:21
Xylenes, total	150	182		ug/kg	121%	79 - 130	9034202	03/27/09 11:21
Surrogate: 1,2-Dichloroethane-d4	50.0	44.7			89%	41 - 150	9034202	03/27/09 11:21
Surrogate: Dibromofluoromethane	50.0	49.6			99%	55 - 139	9034202	03/27/09 11:21
Surrogate: Toluene-d8	50.0	50.2			100%	57 - 148	9034202	03/27/09 11:21
Surrogate: 4-Bromofluorobenzene	50.0	57.1			114%	58 - 150	9034202	03/27/09 11:21

Client EEG - Env. Enterprise Group (2449)  
10179 Highway 78  
Ladson, SC 29456  
Attn Tom McElwee

Work Order: NSC1899  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 03/20/09 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
<b>Polyaromatic Hydrocarbons by EPA 8270D</b>												
<b>9033305-BSD1</b>												
Acenaphthene		1.47		mg/kg wet	1.67	88%	52 - 106	2	33	9033305		03/23/09 19:10
Acenaphthylene		1.48		mg/kg wet	1.67	89%	53 - 109	0.1	38	9033305		03/23/09 19:10
Anthracene		1.61		mg/kg wet	1.67	96%	54 - 124	3	32	9033305		03/23/09 19:10
Benzo (a) anthracene		1.52		mg/kg wet	1.67	91%	53 - 111	2	26	9033305		03/23/09 19:10
Benzo (a) pyrene		1.61		mg/kg wet	1.67	97%	52 - 122	1	31	9033305		03/23/09 19:10
Benzo (b) fluoranthene		1.59		mg/kg wet	1.67	96%	48 - 115	2	37	9033305		03/23/09 19:10
Benzo (g,h,i) perylene		1.45		mg/kg wet	1.67	87%	46 - 114	2	28	9033305		03/23/09 19:10
Benzo (k) fluoranthene		1.46		mg/kg wet	1.67	88%	41 - 121	4	35	9033305		03/23/09 19:10
Chrysene		1.53		mg/kg wet	1.67	92%	49 - 113	0.09	31	9033305		03/23/09 19:10
Dibenz (a,h) anthracene		1.50		mg/kg wet	1.67	90%	47 - 117	2	32	9033305		03/23/09 19:10
Fluoranthene		1.42		mg/kg wet	1.67	85%	52 - 113	2	36	9033305		03/23/09 19:10
Fluorene		1.46		mg/kg wet	1.67	88%	54 - 107	0.4	35	9033305		03/23/09 19:10
Indeno (1,2,3-cd) pyrene		1.51		mg/kg wet	1.67	91%	47 - 115	2	28	9033305		03/23/09 19:10
Naphthalene		1.21		mg/kg wet	1.67	73%	34 - 107	1	34	9033305		03/23/09 19:10
Phenanthrene		1.48		mg/kg wet	1.67	89%	53 - 108	1	33	9033305		03/23/09 19:10
Pyrene		1.65		mg/kg wet	1.67	99%	54 - 113	0.5	36	9033305		03/23/09 19:10
Surrogate: Terphenyl-d14		1.62		mg/kg wet	1.67	97%	26 - 128			9033305		03/23/09 19:10
Surrogate: 2-Fluorobiphenyl		1.53		mg/kg wet	1.67	92%	19 - 109			9033305		03/23/09 19:10
Surrogate: Nitrobenzene-d5		1.33		mg/kg wet	1.67	80%	22 - 104			9033305		03/23/09 19:10
<b>Selected Volatile Organic Compounds by EPA Method 8260B</b>												
<b>9033095-BSD1</b>												
Benzene		48.6		ug/kg	50.0	97%	76 - 130	4	43	9033095		03/25/09 18:23
Ethylbenzene		50.5		ug/kg	50.0	101%	80 - 128	6	48	9033095		03/25/09 18:23
Naphthalene		63.8		ug/kg	50.0	128%	63 - 144	2	50	9033095		03/25/09 18:23
Toluene		51.4		ug/kg	50.0	103%	80 - 125	7	44	9033095		03/25/09 18:23
Xylenes, total		152		ug/kg	150	101%	79 - 130	5	48	9033095		03/25/09 18:23
Surrogate: 1,2-Dichloroethane-d4		52.6		ug/kg	50.0	105%	41 - 150			9033095		03/25/09 18:23
Surrogate: Dibromofluoromethane		48.8		ug/kg	50.0	98%	55 - 139			9033095		03/25/09 18:23
Surrogate: Toluene-d8		51.0		ug/kg	50.0	102%	57 - 148			9033095		03/25/09 18:23
Surrogate: 4-Bromofluorobenzene		55.8		ug/kg	50.0	112%	58 - 150			9033095		03/25/09 18:23
<b>9034182-BSD1</b>												
Benzene		52.4		ug/kg	50.0	105%	76 - 130	2	43	9034182		03/26/09 13:40
Ethylbenzene		55.5		ug/kg	50.0	111%	80 - 128	0.5	48	9034182		03/26/09 13:40
Naphthalene		61.9		ug/kg	50.0	124%	63 - 144	2	50	9034182		03/26/09 13:40
Toluene		57.0		ug/kg	50.0	114%	80 - 125	2	44	9034182		03/26/09 13:40
Xylenes, total		165		ug/kg	150	110%	79 - 130	0.3	48	9034182		03/26/09 13:40
Surrogate: 1,2-Dichloroethane-d4		47.4		ug/kg	50.0	95%	41 - 150			9034182		03/26/09 13:40
Surrogate: Dibromofluoromethane		48.9		ug/kg	50.0	98%	55 - 139			9034182		03/26/09 13:40
Surrogate: Toluene-d8		50.0		ug/kg	50.0	100%	57 - 148			9034182		03/26/09 13:40

Client EEG - Env. Enterprise Group (2449)  
 10179 Highway 78  
 Ladson, SC 29456  
 Attn Tom McElwee

Work Order: NSC1899  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 03/20/09 08:00

**PROJECT QUALITY CONTROL DATA**

**LCS Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Selected Volatile Organic Compounds by EPA Method 8260B</b>												
<b>9034182-BSD1</b>												
<i>Surrogate: 4-Bromofluorobenzene</i>		52.8		ug/kg	50.0	106%	58 - 150			9034182		03/26/09 13:40
<b>9034202-BSD1</b>												
Benzene		58.0		ug/kg	50.0	116%	76 - 130	3	43	9034202		03/27/09 11:51
Ethylbenzene		61.5		ug/kg	50.0	123%	80 - 128	0.5	48	9034202		03/27/09 11:51
Naphthalene		67.0		ug/kg	50.0	134%	63 - 144	5	50	9034202		03/27/09 11:51
Toluene		62.7		ug/kg	50.0	125%	80 - 125	3	44	9034202		03/27/09 11:51
Xylenes, total		181		ug/kg	150	120%	79 - 130	0.5	48	9034202		03/27/09 11:51
<i>Surrogate: 1,2-Dichloroethane-d4</i>		48.1		ug/kg	50.0	96%	41 - 150			9034202		03/27/09 11:51
<i>Surrogate: Dibromofluoromethane</i>		48.7		ug/kg	50.0	97%	55 - 139			9034202		03/27/09 11:51
<i>Surrogate: Toluene-d8</i>		51.2		ug/kg	50.0	102%	57 - 148			9034202		03/27/09 11:51
<i>Surrogate: 4-Bromofluorobenzene</i>		53.8		ug/kg	50.0	108%	58 - 150			9034202		03/27/09 11:51

Client EEG - Env. Enterprise Group (2449)  
 10179 Highway 78  
 Ladson, SC 29456  
 Attn Tom McElwee

Work Order: NSC1899  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 03/20/09 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
<b>Polyaromatic Hydrocarbons by EPA 8270D</b>										
<b>9033201-MS1</b>										
Accenaphthene	ND	1.53		mg/kg wet	1.62	94%	28 - 117	9033201	NSC1962-04	03/26/09 22:23
Accenaphthylene	ND	1.53		mg/kg wet	1.62	94%	33 - 113	9033201	NSC1962-04	03/26/09 22:23
Anthracene	ND	1.65		mg/kg wet	1.62	102%	31 - 131	9033201	NSC1962-04	03/26/09 22:23
Benzo (a) anthracene	ND	1.43		mg/kg wet	1.62	88%	29 - 124	9033201	NSC1962-04	03/26/09 22:23
Benzo (a) pyrene	ND	1.58		mg/kg wet	1.62	97%	30 - 127	9033201	NSC1962-04	03/26/09 22:23
Benzo (b) fluoranthene	ND	1.47		mg/kg wet	1.62	91%	26 - 128	9033201	NSC1962-04	03/26/09 22:23
Benzo (g,h,i) perylene	ND	1.45		mg/kg wet	1.62	89%	21 - 122	9033201	NSC1962-04	03/26/09 22:23
Benzo (k) fluoranthene	ND	1.55		mg/kg wet	1.62	96%	20 - 130	9033201	NSC1962-04	03/26/09 22:23
Chrysene	ND	1.47		mg/kg wet	1.62	91%	30 - 119	9033201	NSC1962-04	03/26/09 22:23
Dibenz (a,h) anthracene	ND	1.47		mg/kg wet	1.62	90%	27 - 122	9033201	NSC1962-04	03/26/09 22:23
Fluoranthene	ND	1.61		mg/kg wet	1.62	99%	23 - 132	9033201	NSC1962-04	03/26/09 22:23
Fluorene	ND	1.52		mg/kg wet	1.62	94%	38 - 110	9033201	NSC1962-04	03/26/09 22:23
Indeno (1,2,3-cd) pyrene	ND	1.50		mg/kg wet	1.62	92%	24 - 122	9033201	NSC1962-04	03/26/09 22:23
Naphthalene	ND	1.36		mg/kg wet	1.62	84%	14 - 117	9033201	NSC1962-04	03/26/09 22:23
Phenanthrene	ND	1.47		mg/kg wet	1.62	91%	21 - 130	9033201	NSC1962-04	03/26/09 22:23
Pyrene	ND	1.51		mg/kg wet	1.62	93%	24 - 133	9033201	NSC1962-04	03/26/09 22:23
Surrogate: Terphenyl-d14		1.06		mg/kg wet	1.62	66%	26 - 128	9033201	NSC1962-04	03/26/09 22:23
Surrogate: 2-Fluorobiphenyl		1.20		mg/kg wet	1.62	74%	19 - 109	9033201	NSC1962-04	03/26/09 22:23
Surrogate: Nitrobenzene-d5		1.17		mg/kg wet	1.62	72%	22 - 104	9033201	NSC1962-04	03/26/09 22:23
<b>9033305-MS1</b>										
Accenaphthene	ND	0.161	M2	mg/kg dry	2.29	7%	28 - 117	9033305	NSC1899-03	03/23/09 19:33
Accenaphthylene	ND	0.936		mg/kg dry	2.29	41%	33 - 113	9033305	NSC1899-03	03/23/09 19:33
Anthracene	0.540	2.10		mg/kg dry	2.29	68%	31 - 131	9033305	NSC1899-03	03/23/09 19:33
Benzo (a) anthracene	ND	2.01		mg/kg dry	2.29	88%	29 - 124	9033305	NSC1899-03	03/23/09 19:33
Benzo (a) pyrene	ND	2.04		mg/kg dry	2.29	89%	30 - 127	9033305	NSC1899-03	03/23/09 19:33
Benzo (b) fluoranthene	ND	2.07		mg/kg dry	2.29	91%	26 - 128	9033305	NSC1899-03	03/23/09 19:33
Benzo (g,h,i) perylene	ND	1.90		mg/kg dry	2.29	83%	21 - 122	9033305	NSC1899-03	03/23/09 19:33
Benzo (k) fluoranthene	ND	1.88		mg/kg dry	2.29	82%	20 - 130	9033305	NSC1899-03	03/23/09 19:33
Chrysene	0.0831	2.05		mg/kg dry	2.29	86%	30 - 119	9033305	NSC1899-03	03/23/09 19:33
Dibenz (a,h) anthracene	ND	1.93		mg/kg dry	2.29	84%	27 - 122	9033305	NSC1899-03	03/23/09 19:33
Fluoranthene	ND	2.38		mg/kg dry	2.29	104%	23 - 132	9033305	NSC1899-03	03/23/09 19:33
Fluorene	2.90	0.464	M2	mg/kg dry	2.29	-106%	38 - 110	9033305	NSC1899-03	03/23/09 19:33
Indeno (1,2,3-cd) pyrene	ND	1.94		mg/kg dry	2.29	85%	24 - 122	9033305	NSC1899-03	03/23/09 19:33
Naphthalene	8.43	11.9	M1	mg/kg dry	2.29	149%	14 - 117	9033305	NSC1899-03	03/23/09 19:33
Phenanthrene	5.98	8.27		mg/kg dry	2.29	100%	21 - 130	9033305	NSC1899-03	03/23/09 19:33
Pyrene	0.698	2.44		mg/kg dry	2.29	76%	24 - 133	9033305	NSC1899-03	03/23/09 19:33

Client EEG - Env. Enterprise Group (2449)  
 10179 Highway 78  
 Ladson, SC 29456  
 Attn Tom McElwee

Work Order: NSC1899  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 03/20/09 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
<b>Polyaromatic Hydrocarbons by EPA 8270D</b>										
<b>9033305-MS1</b>										
<i>Surrogate: Terphenyl-d14</i>		2.00		mg/kg dry	2.29	88%	26 - 128	9033305	NSC1899-03	03/23/09 19:33
<i>Surrogate: 2-Fluorobiphenyl</i>		1.88		mg/kg dry	2.29	82%	19 - 109	9033305	NSC1899-03	03/23/09 19:33
<i>Surrogate: Nitrobenzene-d5</i>		3.67	ZX	mg/kg dry	2.29	160%	22 - 104	9033305	NSC1899-03	03/23/09 19:33
<b>Selected Volatile Organic Compounds by EPA Method 8260B</b>										
<b>9034182-MS1</b>										
Benzene	ND	2.86		mg/kg dry	2.82	101%	33 - 146	9034182	NSC1899-05RE I	03/26/09 19:01
Ethylbenzene	0.0709	3.14		mg/kg dry	2.82	109%	16 - 160	9034182	NSC1899-05RE I	03/26/09 19:01
Naphthalene	4.20	7.03		mg/kg dry	2.82	101%	10 - 151	9034182	NSC1899-05RE I	03/26/09 19:01
Toluene	ND	3.08		mg/kg dry	2.82	109%	30 - 145	9034182	NSC1899-05RE I	03/26/09 19:01
Xylenes, total	0.163	9.59		mg/kg dry	8.47	111%	16 - 159	9034182	NSC1899-05RE I	03/26/09 19:01
<i>Surrogate: 1,2-Dichloroethane-d4</i>		45.7		ug/kg	50.0	91%	41 - 150	9034182	NSC1899-05RE I	03/26/09 19:01
<i>Surrogate: Dibromofluoromethane</i>		49.7		ug/kg	50.0	99%	55 - 139	9034182	NSC1899-05RE I	03/26/09 19:01
<i>Surrogate: Toluene-d8</i>		49.9		ug/kg	50.0	100%	57 - 148	9034182	NSC1899-05RE I	03/26/09 19:01
<i>Surrogate: 4-Bromofluorobenzene</i>		49.2		ug/kg	50.0	98%	58 - 150	9034182	NSC1899-05RE I	03/26/09 19:01

Client EEG - Env. Enterprise Group (2449)  
 10179 Highway 78  
 Ladson, SC 29456  
 Attn Tom McElwee

Work Order: NSC1899  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 03/20/09 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
<b>Polyaromatic Hydrocarbons by EPA 8270D</b>												
<b>9033201-MSD1</b>												
Acenaphthene	ND	1.48		mg/kg wet	1.63	91%	28 - 117	3	33	9033201	NSC1962-04	03/26/09 22:44
Acenaphthylene	ND	1.52		mg/kg wet	1.63	93%	33 - 113	0.6	38	9033201	NSC1962-04	03/26/09 22:44
Anthracene	ND	1.64		mg/kg wet	1.63	101%	31 - 131	0.8	32	9033201	NSC1962-04	03/26/09 22:44
Benzo (a) anthracene	ND	1.38		mg/kg wet	1.63	85%	29 - 124	3	26	9033201	NSC1962-04	03/26/09 22:44
Benzo (a) pyrene	ND	1.60		mg/kg wet	1.63	98%	30 - 127	1	31	9033201	NSC1962-04	03/26/09 22:44
Benzo (b) fluoranthene	ND	1.27		mg/kg wet	1.63	78%	26 - 128	14	37	9033201	NSC1962-04	03/26/09 22:44
Benzo (g,h,i) perylene	ND	1.44		mg/kg wet	1.63	88%	21 - 122	0.6	28	9033201	NSC1962-04	03/26/09 22:44
Benzo (k) fluoranthene	ND	1.79		mg/kg wet	1.63	110%	20 - 130	14	35	9033201	NSC1962-04	03/26/09 22:44
Chrysene	ND	1.47		mg/kg wet	1.63	90%	30 - 119	0.05	31	9033201	NSC1962-04	03/26/09 22:44
Dibenz (a,h) anthracene	ND	1.46		mg/kg wet	1.63	90%	27 - 122	0.4	32	9033201	NSC1962-04	03/26/09 22:44
Fluoranthene	ND	1.58		mg/kg wet	1.63	97%	23 - 132	2	36	9033201	NSC1962-04	03/26/09 22:44
Fluorene	ND	1.48		mg/kg wet	1.63	91%	38 - 110	3	35	9033201	NSC1962-04	03/26/09 22:44
Indeno (1,2,3-cd) pyrene	ND	1.53		mg/kg wet	1.63	94%	24 - 122	2	28	9033201	NSC1962-04	03/26/09 22:44
Naphthalene	ND	1.43		mg/kg wet	1.63	88%	14 - 117	5	34	9033201	NSC1962-04	03/26/09 22:44
Phenanthrene	ND	1.49		mg/kg wet	1.63	92%	21 - 130	0.9	33	9033201	NSC1962-04	03/26/09 22:44
Pyrene	ND	1.46		mg/kg wet	1.63	90%	24 - 133	3	36	9033201	NSC1962-04	03/26/09 22:44
Surrogate: Terphenyl-d14		1.06		mg/kg wet	1.63	65%	26 - 128			9033201	NSC1962-04	03/26/09 22:44
Surrogate: 2-Fluorobiphenyl		1.16		mg/kg wet	1.63	71%	19 - 109			9033201	NSC1962-04	03/26/09 22:44
Surrogate: Nitrobenzene-d5		1.17		mg/kg wet	1.63	72%	22 - 104			9033201	NSC1962-04	03/26/09 22:44
<b>9033305-MSD1</b>												
Acenaphthene	ND	2.31	R	mg/kg dry	2.25	102%	28 - 117	174	33	9033305	NSC1899-03	03/23/09 19:55
Acenaphthylene	ND	0.903		mg/kg dry	2.25	40%	33 - 113	4	38	9033305	NSC1899-03	03/23/09 19:55
Anthracene	0.540	2.49		mg/kg dry	2.25	86%	31 - 131	17	32	9033305	NSC1899-03	03/23/09 19:55
Benzo (a) anthracene	ND	2.19		mg/kg dry	2.25	97%	29 - 124	9	26	9033305	NSC1899-03	03/23/09 19:55
Benzo (a) pyrene	ND	2.19		mg/kg dry	2.25	97%	30 - 127	7	31	9033305	NSC1899-03	03/23/09 19:55
Benzo (b) fluoranthene	ND	2.33		mg/kg dry	2.25	103%	26 - 128	12	37	9033305	NSC1899-03	03/23/09 19:55
Benzo (g,h,i) perylene	ND	2.02		mg/kg dry	2.25	90%	21 - 122	6	28	9033305	NSC1899-03	03/23/09 19:55
Benzo (k) fluoranthene	ND	1.95		mg/kg dry	2.25	86%	20 - 130	3	35	9033305	NSC1899-03	03/23/09 19:55
Chrysene	0.0831	2.22		mg/kg dry	2.25	95%	30 - 119	8	31	9033305	NSC1899-03	03/23/09 19:55
Dibenz (a,h) anthracene	ND	2.07		mg/kg dry	2.25	92%	27 - 122	7	32	9033305	NSC1899-03	03/23/09 19:55
Fluoranthene	ND	2.42		mg/kg dry	2.25	107%	23 - 132	2	36	9033305	NSC1899-03	03/23/09 19:55
Fluorene	2.90	0.541	M2	mg/kg dry	2.25	-105%	38 - 110	15	35	9033305	NSC1899-03	03/23/09 19:55
Indeno (1,2,3-cd) pyrene	ND	2.08		mg/kg dry	2.25	92%	24 - 122	7	28	9033305	NSC1899-03	03/23/09 19:55
Naphthalene	8.43	9.79		mg/kg dry	2.25	60%	14 - 117	19	34	9033305	NSC1899-03	03/23/09 19:55
Phenanthrene	5.98	7.74		mg/kg dry	2.25	78%	21 - 130	7	33	9033305	NSC1899-03	03/23/09 19:55
Pyrene	0.698	2.73		mg/kg dry	2.25	90%	24 - 133	11	36	9033305	NSC1899-03	03/23/09 19:55
Surrogate: Terphenyl-d14		2.24		mg/kg dry	2.25	99%	26 - 128			9033305	NSC1899-03	03/23/09 19:55
Surrogate: 2-Fluorobiphenyl		2.06		mg/kg dry	2.25	91%	19 - 109			9033305	NSC1899-03	03/23/09 19:55
Surrogate: Nitrobenzene-d5		3.14	ZX	mg/kg dry	2.25	139%	22 - 104			9033305	NSC1899-03	03/23/09 19:55

Client EEG - Env. Enterprise Group (2449)  
 10179 Highway 78  
 Ladson, SC 29456  
 Attn Tom McElwee

Work Order: NSC1899  
 Project Name: Laurel Bay Housing Project  
 Project Number: [none]  
 Received: 03/20/09 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
<b>Selected Volatile Organic Compounds by EPA Method 8260B</b>												
<b>9034182-MSD1</b>												
Benzene	ND	3.14		mg/kg dry	2.82	111%	33 - 146	10	43	9034182	NSC1899-05RE	03/26/09 19:31
Ethylbenzene	0.0709	3.44		mg/kg dry	2.82	120%	16 - 160	9	48	9034182	NSC1899-05RE	03/26/09 19:31
Naphthalene	4.20	7.14		mg/kg dry	2.82	104%	10 - 151	2	50	9034182	NSC1899-05RE	03/26/09 19:31
Toluene	ND	3.38		mg/kg dry	2.82	120%	30 - 145	9	44	9034182	NSC1899-05RE	03/26/09 19:31
Xylenes, total	0.163	10.6		mg/kg dry	8.47	123%	16 - 159	10	48	9034182	NSC1899-05RE	03/26/09 19:31
<i>Surrogate: 1,2-Dichloroethane-d4</i>		45.1		ug/kg	50.0	90%	41 - 150			9034182	NSC1899-05RE	03/26/09 19:31
<i>Surrogate: Dibromofluoromethane</i>		49.7		ug/kg	50.0	99%	55 - 139			9034182	NSC1899-05RE	03/26/09 19:31
<i>Surrogate: Toluene-d8</i>		49.4		ug/kg	50.0	99%	57 - 148			9034182	NSC1899-05RE	03/26/09 19:31
<i>Surrogate: 4-Bromofluorobenzene</i>		53.3		ug/kg	50.0	107%	58 - 150			9034182	NSC1899-05RE	03/26/09 19:31



Client EEG - Env. Enterprise Group (2449)  
10179 Highway 78  
Ladson, SC 29456  
Attn Tom McElwee

Work Order: NSC1899  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 03/20/09 08:00

### CERTIFICATION SUMMARY

#### TestAmerica Nashville

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

Client EEG - Env. Enterprise Group (2449)  
10179 Highway 78  
Ladson, SC 29456  
Attn Tom McElwee

Work Order: NSC1899  
Project Name: Laurel Bay Housing Project  
Project Number: [none]  
Received: 03/20/09 08:00

## DATA QUALIFIERS AND DEFINITIONS

**L1** Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.  
**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).  
**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



ATTACHMENT A



# NON-HAZARDOUS MANIFEST

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

<b>NON-HAZARDOUS MANIFEST</b>		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of 1			
3. Generator's Name and Mailing Address 1201 Laurel Bay Blvd Laurel Bay, NC 27024						A. Manifest Number <b>WMNA 10885483</b>			
4. Generator's Phone						B. State Generator's ID			
5. Transporter 1 Company Name			6. US EPA ID Number			C. State Transporter's ID			
7. Transporter 2 Company Name						D. Transporter's Phone			
9. Designated Facility Name and Site Address			10. US EPA ID Number			E. State Transporter's ID			
11. Description of Waste Materials						F. Transporter's Phone			
11. Description of Waste Materials						12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.	15. Misc. Comments
a. WM Profile #									
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 545T's Purchase Order #						1) 128 BANYAN-1 2) 128 BANYAN-2 3) 124 BANYAN-2 EMERGENCY CONTACT:			4) 132 BANYAN-2 5) 142 LAUREL BAY Blvd
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 W.B. Duke, Jr.			Signature "On behalf of"			Month Day Year 03/25/09			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name James Baldwin			Signature James Baldwin			Month Day Year 10/40/10/9			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name			Signature			Month Day Year			
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 Reynolds			Signature All			Month Day Year 04/01/09			

**Appendix C**  
**Regulatory Correspondence**



C. Earl Hunter, Commissioner

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

May 17, 2009

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

Re: MCAS – Laurel Bay Housing – 142 Laurel Bay blvd.  
**Site ID # 04192**  
UST Closure Reports received 24 April 2009  
No Further Action

Dear Mr. Ehde:

The Department has reviewed the referenced closure report. Based upon the geotechnical data in the referenced report, the soil samples are non-detect and/or below risk based screening levels.

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

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

Sincerely,

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

B. Thomas Knight, Manager

cc: Region 8 District EQC