SUMMARY REPORT

101 BANYAN DRIVE (FORMERLY 123 BANYAN DRIVE)

LAUREL BAY MILITARY HOUSING AREA

MARINE CORPS AIR STATION BEAUFORT

BEAUFORT, SC

Revision: 0 Prepared for:

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

and



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

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Prepared by:

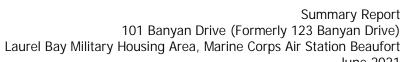


CDM - AECOM Multimedia Joint Venture 10560 Arrowhead Drive, Suite 500 Fairfax, Virginia 22030

Contract Number: N62470-14-D-9016

CTO WE52

**JUNE 2021** 



June 2021



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**Summary Report** 101 Banyan Drive (Formerly 123 Banyan Drive) Laurel Bay Military Housing Area, Marine Corps Air Station Beaufort June 2021

## List of Acronyms

bgs below ground surface

CDM - AECOM

Multimedia Joint Venture

**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 101 Banyan Drive (Formerly 123 Banyan Drive). This NFA determination indicates that there are no unacceptable risks to human health or the environment for the petroleum constituents associated with the home heating oil USTs. The following information is included in this report:

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

#### 1.1 Background Information

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





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

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

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

## 1.2 UST Removal and Assessment Process

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

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

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





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

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

### 2.0 SAMPLING ACTIVITIES AND RESULTS

The following section presents the sampling activities and associated results for 101 Banyan Drive (Formerly 123 Banyan Drive). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 123 Banyan Drive* (MCAS Beaufort, 2011). The UST Assessment Report is provided in Appendix B.

## 2.1 UST Removal and Soil Sampling

On August 24, 2011, a single 280 gallon heating oil UST was removed from the front landscaped bed area adjacent to the driveway at 101 Banyan Drive (Formerly 123 Banyan Drive). 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 5'10" bgs and a 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 101 Banyan Drive (Formerly 123 Banyan Drive) 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.

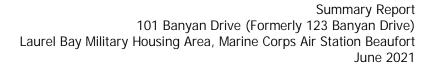
#### 3.0 PROPERTY STATUS

Based on the analytical results for soil, SCDHEC made the determination that NFA was required for 101 Banyan Drive (123 Banyan Drive). This NFA determination was obtained in a letter dated July 1, 2015. SCDHEC's NFA letter is provided in Appendix C.

#### 4.0 REFERENCES

Marine Corps Air Station Beaufort, 2011. South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 123 Banyan Drive, Laurel Bay Military Housing Area, December 2011.

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





- South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2015. *Quality Assurance Program Plan for the Underground Storage Tank Management* Division, *Revision 3.0*, May 2015.
- South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2016. *Quality Assurance Program Plan for the Underground Storage Tank Management* Division, *Revision 3.1*, February 2016.
- South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2017. *R.61-92, Part 280, Underground Storage Tank Control Regulations*, March 2017.
- South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2018. *Underground Storage Tank Assessment Instructions for Permanent Closure and Change-In-Service*, March 2018.

## **Table**



#### Table 1

# Laboratory Analytical Results - Soil 101 Banyan Drive (Formerly 123 Banyan Drive) Laurel Bay Military Housing Area Marine Corps Air Station Beaufort Beaufort, South Carolina

Constituent	SCDHEC RBSLs (1)	Results Sample Collected 08/24/11
<b>Volatile Organic Compounds Analyzed</b>	by EPA Method 8260B (mg/kg)	
Benzene	0.003	ND
Ethylbenzene	1.15	ND
Naphthalene	0.036	0.00525
Toluene	0.627	ND
Xylenes, Total	13.01	ND
Semivolatile Organic Compounds Anal	yzed by EPA Method 8270D (mg/kg)	
Benzo(a)anthracene	0.66	0.247
Benzo(b)fluoranthene	0.66	0.160
Benzo(k)fluoranthene	0.66	0.206
Chrysene	0.66	0.216
Dibenz(a,h)anthracene	0.66	ND

## Notes:

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

<sup>&</sup>lt;sup>(1)</sup> South Carolina Risk-Based Screening Levels from the Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 3.0 and 3.1 (SCDHEC, May 2015 and SCDHEC, February 2016) and the Underground Storage Tank Assessment Guidelines (SCDHEC, February 2006).

# Appendix A Multi-Media Selection Process for LBMH



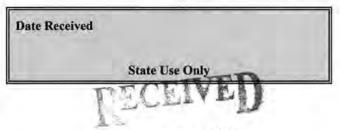


**Appendix A - Multi-Media Selection Process for LBMH** 

# Appendix B UST Assessment Report



## South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank (UST) Assessment Report



Submit Completed Form To: UST Program SCDHEC 2600 Bull Street Columbia, South Carolina 29201 Telephone (803) 896-7957

DEC 0 8 2011

SO DHEC - Bureau of Land & Waste Management

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 228-7317 Craig Ehde 843 Area Code Telephone Number Contact Person

## II. SITE IDENTIFICATION AND LOCATION

Permit I.D. #	-			
Laurel Bay Militar	y Housing Area,	Marine Corps	Air Station,	Beaufort, SC
Facility Name or Company	Site Identifier			
123 Banyan Drive,		itary Housing	Area	
Street Address or State Road	l (as applicable)			
Beaufort,	Beaufort			
City	County			

Attachment 2

## III. INSURANCE INFORMATION

Insurance Sta	tement
The petroleum release reported to DHEC onqualify to receive state monies to pay for appropriate site rehallowed in the State Clean-up fund, written confirmation of tinsurance policy is required. This section must be complete.	abilitation activities. Before participation is the existence or non-existence of an environmental
Is there now, or has there ever been an insurance poli UST release? YES NO (check one)	cy or other financial mechanism that covers this
If you answered YES to the above question, p	lease 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 co	ppy of the policy with this report.
V. CERTIFICATION (To	be signed by the UST owner)
I certify that I have personally examined and am familia attached documents; and that based on my inquiry of information, I believe that the submitted information is to	ar with the information submitted in this and al
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	Cavalina
Please affix State seal if you are commissioned outside South	Carolina

VI. UST INFORMATION	123Banyan
Product(ex. Gas, Kerosene)	Heating oil
Capacity(ex. 1k, 2k)	280 gal
Age	Late 1950s
Construction Material(ex. Steel, FRP)	Steel
Month/Year of Last Use	Mid 80s
Depth (ft.) To Base of Tank	5'10"
Spill Prevention Equipment Y/N	No
Overfill Prevention Equipment Y/N	No
Method of Closure Removed/Filled	Removed
Date Tanks Removed/Filled	8/24/2011
Visible Corrosion or Pitting Y/N	Yes
Visible Holes Y/N	Yes
Method of disposal for any USTs removed from t UST 123Banyan was removed from	he ground (attach disposal manifests) the ground, cleaned and recycled.
See Attachment "A".	
Method of disposal for any liquid petroleum, slud disposal manifests) Contaminated water was pumped f	ges, or wastewaters removed from the USTs (atta

## VII. PIPING INFORMATION

		123Banyan	
		Steel	
	Construction Material(ex. Steel, FRP)	& Copper	
1	Distance from UST to Dispenser	N/A	
1	Number of Dispensers	N/A	
*	Type of System Pressure or Suction	Suction	
,	Was Piping Removed from the Ground? Y/N	No	
	Visible Corrosion or Pitting Y/N	Yes	
•	Visible Holes Y/N	No	
	Age	Late 1950s	
-	Age  If any corrosion, pitting, or holes were observed,	A	nt for each pipi
-		describe the location and exter	
	If any corrosion, pitting, or holes were observed,	describe the location and extended and pitted. All	
-	If any corrosion, pitting, or holes were observed, Steel vent piping for was corro	describe the location and extended and pitted. All	
2	If any corrosion, pitting, or holes were observed, Steel vent piping for was corro	describe the location and extended and pitted. All	
	If any corrosion, pitting, or holes were observed, Steel vent piping for was corros supply and return piping were s  VIII. BRIEF SITE DESCR	describe the location and extended and pitted. All ound.	copper
2	If any corrosion, pitting, or holes were observed,  Steel vent piping for was corrow supply and return piping were s  VIII. BRIEF SITE DESCE The USTs at the residences are of	describe the location and extended and pitted. All ound.  RIPTION AND HISTOR constructed of single	copper  Y  wall stee
1	If any corrosion, pitting, or holes were observed, Steel vent piping for was corros supply and return piping were s  VIII. BRIEF SITE DESCR	describe the location and extended and pitted. All ound.  RIPTION AND HISTOR constructed of single for heating. These Use	Y wall stee

## 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.		х	
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.)		Х	
C. Was water present in the UST excavation, soil borings, or trenches?  If yes, how far below land surface (indicate location and depth)?		Х	
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:		х	
E. Was a petroleum sheen or free product detected on any excavation or boring waters?  If yes, indicate location and thickness.		Х	

## X. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number 84009

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA#
123 Banyan	Excav at fill end	Soil	Sandy	5'10"	8/24/11 1415 hrs	P. Shaw	
					1		
8							
9							
10							
11							
12							
13							
14							
15							
16							
17			TA				
18							
19							
20							

<sup>\* =</sup> Depth Below the Surrounding Land Surface

## XI. SAMPLING METHODOLOGY

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

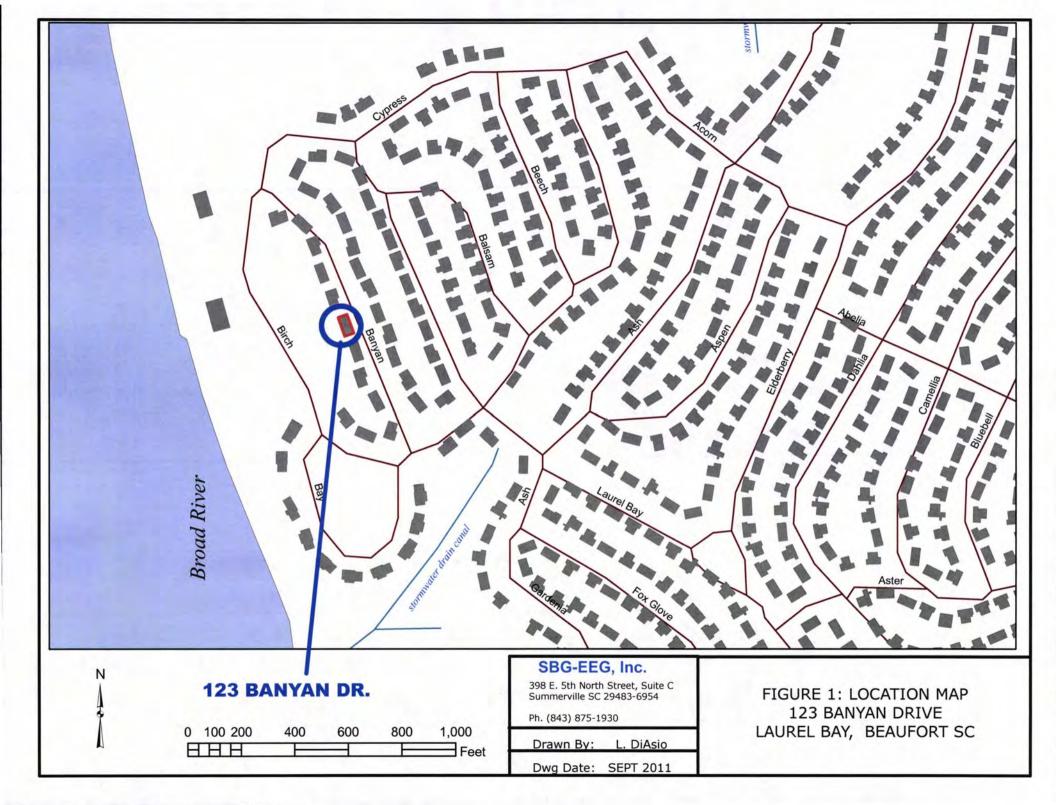
## XII. RECEPTORS

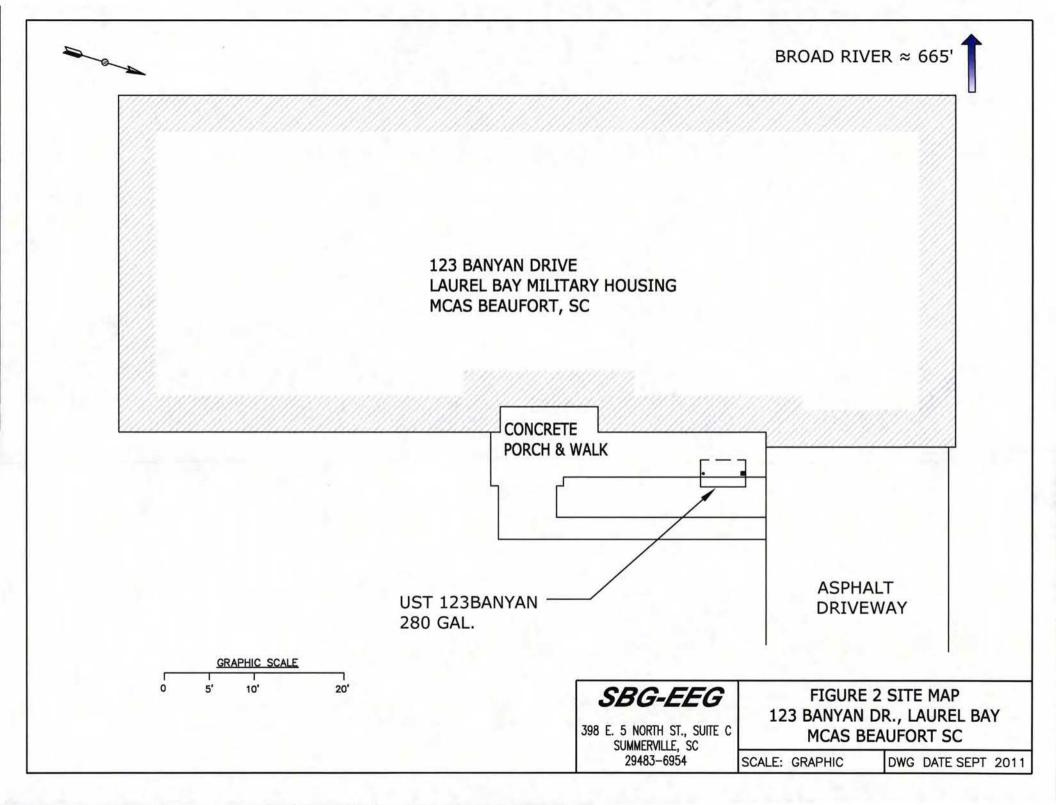
		Yes	No
A.	Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system?  *Approx 665' to Broad River	*X	
	If yes, indicate type of receptor, distance, and direction on site map.		
B.	Are there any public, private, or irrigation water supply wells within 1000 feet of the UST system?		Х
	If yes, indicate type of well, distance, and direction on site map.		
C.	Are there any underground structures (e.g., basements) Located within 100 feet of the UST system?		Х
	If yes, indicate type of structure, distance, and direction on site map.		
D.	Are there any underground utilities (e.g., telephone, electricity, gas, water, sewer, storm drain) located within 100 feet of the UST system that could potentially come in contact with the contamination?  *Sewer, water, electricity, gas, water, gas, water, gas, water, electricity, gas, water,	*X	city.
	cable & fiber opt: If yes, indicate the type of utility, distance, and direction on the site map.		
E.	Has contaminated soil been identified at a depth less than 3 feet below land surface in an area that is not capped by asphalt or concrete?		Х
ľ	If yes, indicate the area of contaminated soil on the site map.		

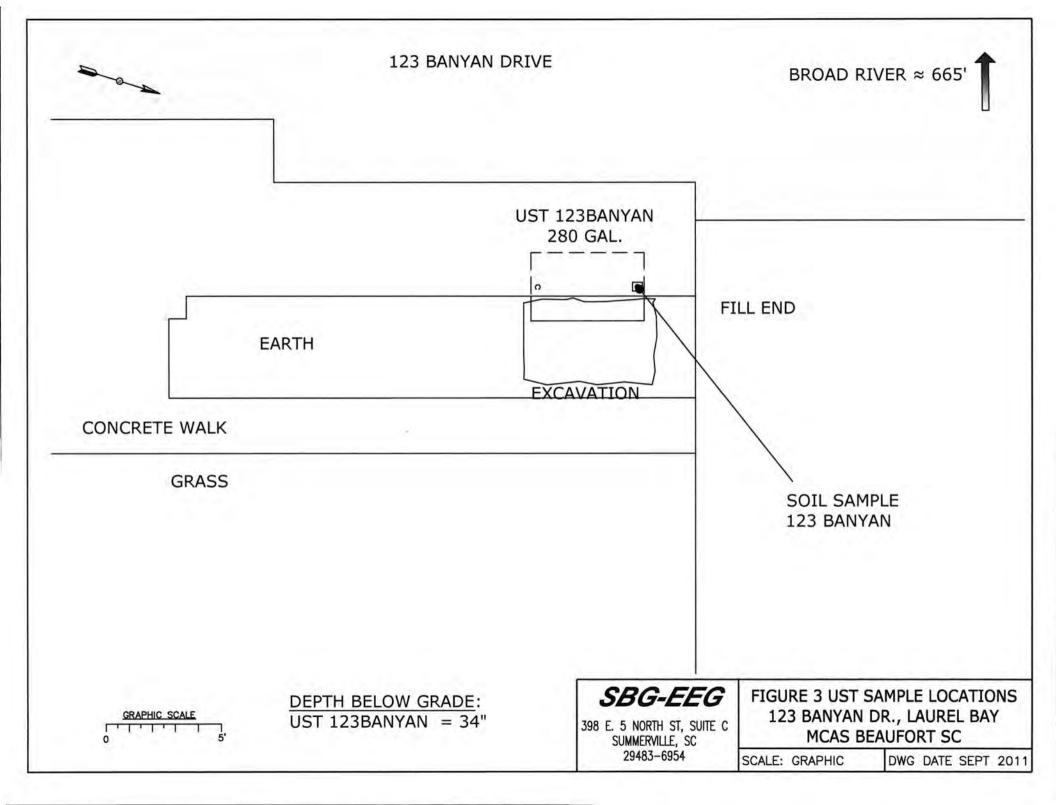
## XIII. SITE MAP

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

(Attach Site Map Here)









Picture 1: UST 123Banyan location.



Picture 2: UST 123Banyan.

## 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	123Banyan				
Benzene	ND				
Toluene	ND				
Ethylbenzene	ND				
Xylenes	ND				
Naphthalene	0.00525 mg/}	g			
Benzo (a) anthracene	0.247 mg/kg				
Benzo (b) fluoranthene	0.160 mg/kg				
Benzo (k) fluoranthene	0.206 mg/kg				
Chrysene	0.216 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		Ī			
Dibenz (a, h) anthracene					
TPH (EPA 3550)		1			

## 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			- 4-	
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)



September 07, 2011

4:14:55PM

Client:

nt: EEG - Small Business Group, Inc. (2449)

10179 Highway 78

Ladson, SC 29456

Attn: Tom McElwee

Work Order: NUH3768

Project Name: Laurel Bay Housing Project

Project Nbr: [none]
P/O Nbr: 1027
Date Received: 08/27/11

SAMPLE IDENTIFICATION

LAB NUMBER

COLLECTION DATE AND TIME

 130 Banyan-2
 NUH3768-01
 08/22/11 12:30

 123 Banyan
 NUH3768-02
 08/24/11 14:15

 122 Banyan
 NUH3768-03
 08/25/11 14:15

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

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.

South Carolina Certification Number: 84009

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.

ladonna Mycis

This report has been electronically signed.

Report Approved By:

Madonna Myers

Project Manager





Client: EEG - Small Business Group, Inc. (2449)

10179 Highway 78

Ladson, SC 29456 Tom McElwee

Attn

10170 Highway 79

Work Order: Project Name: NUH3768

ject Name: Laurel Bay Housing Project

Project Number:

[none]

Réceived:

08/27/11 08:15

#### ANALYTICAL REPORT

						Dilution	Analysis			
Analyte	Result	Flag	Units	MDL	MRL	Factor	Date/Time	Method	Analyst	Batch
Sample ID: NUH3768-01 (130 B General Chemistry Parameters	anyan-2 - Soil)	Sample	d: 08/22/1	1 12:30						
% Dry Solids	74.2		0/0	0,500	0.500	1	08/31/11 09:09	SW-846	RRS	11H6809
Volatile Organic Compounds by EP.	A Method 8260B	k								
Benzene	ND		mg/kg dry	0.00120	0.00217	1	09/01/11 14:16	SW846 8260B	KKK H	1110156
Ethylbenzene	0.00541		mg/kg dry	0.00120	0.00217	1	09/01/11 14:16	SW846 8260B	KKK H	1110156
Naphthalene	0.0278		mg/kg dry	0.00272	0.00543	1	09/01/11 14:16	SW846 8260B	KKK H	1110156
Toluene	ND		mg/kg dry	0.00120	0,00217	1	09/01/11 14:16	SW846 8260B	KKKH	1110156
Xylenes, total	ND		mg/kg dry	0.00272	0.00543	1	09/01/11 14:16	SW846 8260B	KKK H	1110156
Surr: 1,2-Dichloroethane-d4 (70-130%)	97 %					1	09:01:11 14:16	SW846 8260B	KKK H	1110156
Surr: Dibromofluoromethane (70-130%)	95 %					1	09 01 11 14:16	SW846 8260B	KKK H	1110150
Surr: Toluene-d8 (70-130%)	110 %					1	09.01.11.14:16	SW846 8260B	KKK H	1110150
Surr: 4-Bromofluorobenzene (70-130%)	109 %					1	09 01 11 14:16	SW846 8260B	KKKH	1110150
Polyaromatic Hydrocarbons by EPA	8270D									
Acenaphthene	ND		mg/kg dry	0.0187	0.0893	1	08/31/11 23:29	SW846 8270D	KJP	11H6566
Acenaphthylene	ND		mg/kg dry	0.0267	0.0893	T	08/31/11 23:29	SW846 8270D	KJP	11H6566
Anthracene	ND		mg/kg dry	0,0120	0.0893	1	08/31/11 23:29	SW846 8270D	KJP	11H6566
Benzo (a) anthracene	ND		mg/kg dry	0.0147	0.0893	1	08/31/11 23:29	SW846 8270D	KJP	11H6566
Benzo (a) pyrene	ND		mg/kg dry	0.0107	0.0893	1	08/31/11 23:29	SW846 8270D	KJP	11H6566
Benzo (b) fluoranthene	ND		mg/kg dry	0.0506	0.0893	I	08/31/11 23:29	SW846 8270D	KJP	11H6566
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0120	0.0893	1	08/31/11 23:29	SW846 8270D	KJP	11H6566
Benzo (k) fluoranthene	ND		mg/kg dry	0.0493	0.0893	1	08/31/11 23:29	SW846 8270D	KJP	11H6566
Chrysene	ND		mg/kg dry	0.0413	0.0893	1	08/31/11 23:29	SW846 8270D	КЛР	11H6566
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0200	0.0893	1	08/31/11 23:29	SW846 8270D	KJP	11H6566
Fluoranthene	ND		mg/kg dry	0.0147	0.0893	1	08/31/11 23:29	SW846 8270D	KJP	11H6566
Fluorene	ND		mg/kg dry	0.0267	0.0893	T.	08/31/11 23:29	SW846 8270D	KJP	11H6566
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0413	0.0893	11	08/31/11 23:29	SW846 8270D	KJP	11H6566
Naphthalene	ND		mg/kg dry	0.0187	0.0893	1	08/31/11 23:29	SW846 8270D	KJP	11H6566
Phenanthrene	ND		mg/kg dry	0.0133	0.0893	1	08/31/11 23:29	SW846 8270D	КЈР	11H6566
Pyrene	ND		mg/kg dry	0.0307	0.0893	1	08/31/11 23:29	SW846 8270D	КЈР	11H6566
I-Methylnaphthalene	ND		mg/kg dry	0.0160	0.0893	Ť	08/31/11 23:29	SW846 8270D	KJP	11H6566
2-Methylnaphthalene	ND		mg/kg dry	0.0280	0.0893	1	08/31/11 23:29	SW846 8270D	KJP	11H6566
Surr: Terphenyl-d14 (18-120%)	104%					7	08/31/11/23:29	SW846 8270D	KJP	11H656
Surr: 2-Fluorobiphenyl (14-120%)	73 %					1	08 31 11 23:29	SW846 8270D	K.IP	11H656
Surr: Nitrobenzene-d5 (17-120%)	53 %					1	08/31/11 23:29	SW846 8270D	KIP	11H656



Client: EEG - Small Business Group, Inc. (2449)

10179 Highway 78 Ladson, SC 29456

Tom McElwee

Attn

Work Order:

NUH3768

Project Name:

Laurel Bay Housing Project

Project Number:

[none]

Received: 08/27/11 08:15

#### ANALYTICAL REPORT

		Dilution Analysis								
Analyte	Result	Flag	Units	MDL	MRL	Factor	Date/Time	Method	Analyst	Batch
Sample ID: NUH3768-02 (123 B General Chemistry Parameters	Banyan - Soil) S	ampled:	08/24/11	14:15						
% Dry Solids	74.9		%	0.500	0.500	1	08/31/11 09:09	SW-846	RRS	11H6809
Volatile Organic Compounds by EP	A Method 8260E	3								
Benzene	ND		mg/kg dry	0.00132	0.00240	1	08/31/11 15:48	SW846 8260B	KKK H	11H7238
Ethylbenzene	ND		mg/kg dry	0.00132	0.00240	1	08/31/11 15:48	SW846 8260B	KKK H	11H7238
Naphthalene	0.00525	1	mg/kg dry	0.00300	0.00599	1	08/31/11 15:48	SW846 8260B	KKK H	11H7238
Toluene	ND		mg/kg dry	0.00132	0.00240	1	08/31/11 15:48	SW846 8260B	KKK H	11H7238
Xylenes, total	ND		mg/kg dry	0.00300	0.00599	1	08/31/11 15:48	SW846 8260B	KKK H	11H7238
Surr: 1,2-Dichloroethane-d4 (70-130%)	89.36					1	08 31/11 15:48	SW846 8260B	KKK H	11H7230
Surr: Dibromofluoromethane (70-130%)	90%					1	08.31/11.15:48	SW846 8260B	KKK H	11H7238
Surr: Toluene-d8 (70-130%)	113 %					1	08 31 11 15:48	SW846 8260B	KKK H	11H7231
Surr; 4-Bromoftworobenzene (70-130%)	117 %					1	08/31/11/15:48	SW846 8260B	KKK H	11H7238
Polyaromatic Hydrocarbons by EPA	8270D									
Acenaphthene	ND		mg/kg dry	0.0186	0.0891	1	08/31/11 23:51	SW846 8270D	KJP	11H6566
Acenaphthylene	ND		mg/kg dry	0.0266	0.0891	1	08/31/11 23:51	SW846 8270D	KJP	11H6566
Anthracene	ND		mg/kg dry	0.0120	0.0891	1	08/31/11 23:51	SW846 8270D	KJP	11H6566
Benzo (a) anthracene	0.247		mg/kg dry	0.0146	0.0891	Ĭ	08/31/11 23:51	SW846 8270D	КЛР	11H6566
Benzo (a) pyrene	0.174		mg/kg dry	0.0106	0.0891	1	08/31/11 23:51	SW846 8270D	KJP	11H6566
Benzo (b) fluoranthene	0.160		mg/kg dry	0.0506	0.0891	1	08/31/11 23:51	SW846 8270D	KJP	11H6566
Benzo (g.h,i) perylene	0.0661	1	mg/kg dry	0.0120	0.0891	1	08/31/11 23:51	SW846 8270D	KJP	11H6566
Benzo (k) fluoranthene	0.206		mg/kg dry	0.0492	0.0891	î.	08/31/11 23:51	SW846 8270D	KJP	11H6566
Chrysene	0.216		mg/kg dry	0.0412	0.0891	1	08/31/11 23:51	SW846 8270D	KJP	11H6566
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0200	0.0891	1	08/31/11 23:51	SW846 8270D	KJP	11H6566
Fluoranthene	0.305		mg/kg dry	0.0146	0.0891	1	08/31/11 23:51	SW846 8270D	KJP	11H6566
Fluorene	ND		mg/kg dry	0.0266	0.0891	1	08/31/11 23:51	SW846 8270D	KJP	11H6566
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0412	0.0891	1	08/31/11 23:51	SW846 8270D	KJP	11H6566
Naphthalene	ND		mg/kg dry	0.0186	0.0891	ï	08/31/11 23:51	SW846 8270D	KJP	11H6566
Phenanthrene	ND		mg/kg dry	0.0133	0.0891	1	08/31/11 23:51	SW846 8270D	KJP	11H6566
Pyrene	0.419		mg/kg dry	0.0306	0.0891	1	08/31/11 23:51	SW846 8270D	KJP	11H6566
1-Methylnaphthalene	ND		mg/kg dry	0.0160	0.0891	Ť	08/31/11 23:51	SW846 8270D	KJP	11H6566
2-Methylnaphthalene	ND		mg/kg dry	0.0279	0.0891	Î	08/31/11 23;51	SW846 8270D	KJP	11H6566
Surr: Terphenyl-d14 (18-120%)	95 %					1	08 31 11 23:51	SW846 8270D	KJP	11H6566
Surr: 2-Fluorohiphenyl (14-120%)	70 %					1	08 31 11 23:51	SW846 82701)	KJP	11H6566
Surr; Nitrobenzene-d5 (17-120%)	55 %					T	08/31/11 23:51	SW846 8270D	KJP.	11H6566



Client: EEG - Small Business Group, Inc. (2449)

10179 Highway 78

Ladson, SC 29456 Tom McElwee

Attn

Work Order:

NUH3768

Project Name:

Laurel Bay Housing Project

Project Number:

[none]

Received:

08/27/11 08:15

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NUH3768-03 (122 B General Chemistry Parameters	anyan - Soil) S	4 17 /	08/25/11	14:15						
% Dry Solids	81.1		0/6	0.500	0,500	1	08/31/11 09:09	SW-846	RRS	11H6809
Volatile Organic Compounds by EP.	A Method 8260P	6								
Benzene	ND		mg/kg dry	0.00104	0.00188	T	08/31/11 16:19	SW846 8260B	KKK H	11H7238
Ethylbenzene	ND		mg/kg dry	0.00104	0.00188	J.	08/31/11 16:19	SW846 8260B	KKKH	11H7238
Naphthalene	0.0152		mg/kg dry	0.00235	0.00471	1	08/31/11 16:19	SW846 8260B	KKKH	11H7238
Toluene	ND		mg/kg dry	0.00104	0.00188	1	08/31/11 16:19	SW846 8260B	KKK H	11H7238
Xylenes, total	ND		mg/kg dry	0.00235	0.00471	1	08/31/11 16:19	SW846 8260B	KKK H	11H7238
Surr: 1,2-Dichloroethane-d4 (70-130%)	90 %			0,00255	93/94/1	1	08 31 11 16:19	SW846 8260B	KKK H	11H7238
Surr: Dibromofluoromethane (70-130%)	87 %					1	08 31 11 16:19	SW846 8260B	KKK H	11H7238
Surr: Toluene-d8 (70-130%)	100%					,	08 31 11 16:19	SW846 8260H	KKK H	11H7231
Surr: 4-Bromofluorobenzene (70-130%)	122 %					1	08 31 11 16:19	SW846 8260B	KKK H	11H723
Polyaromatic Hydrocarbons by EPA	8270D									
Acenaphthene	0.474		mg/kg dry	0.0169	0.0807	1	09/01/11 00:12	SW846 8270D	KJP	11H6566
Acenaphthylene	0.130		mg/kg dry	0.0241	0.0807	1	09/01/11 00:12	SW846 8270D	KJP	11H6566
Anthracene	0.613		mg/kg dry	0.0108	0.0807	1	09/01/11 00:12	SW846 8270D	KJP	11(46566
Benzo (a) anthracene	0.999		mg/kg dry	0.0132	0.0807	1	09/01/11 00:12	SW846 8270D	KJP	11H6566
Benzo (a) pyrene	0.450		mg/kg dry	0.00963	0.0807	1	09/01/11 00:12	SW846 8270D	KJP	11H6566
Benzo (b) fluoranthene	0.499		mg/kg dry	0.0458	0.0807	1	09/01/11 00:12	SW846-8270D	KJP	11H6566
Benzo (g,h,i) perylene	0.122		mg/kg dry	0.0108	0.0807	1	09/01/11 00:12	SW846 8270D	KJP	11H6566
Benzo (k) fluoranthene	0.419		mg/kg dry	0.0446	0.0807	CI.	09/01/11 00:12	SW846 8270D	KJP	11H6566
Chrysene	0.842		mg/kg dry	0.0373	0.0807	1	09/01/11 00:12	SW846 8270D	KJP	11H6566
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0181	0.0807	i	09/01/11 00:12	SW846 8270D	KJP	11H6566
Fluoranthene	2.96		mg/kg dry	0.0132	0.0807	1	09/01/11 00:12	SW846 8270D	KJP	11H6566
Fluorene	0.726		mg/kg dry	0.0241	0.0807	1	09/01/11 00:12	SW846 8270D	KJP	11H6566
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0373	0.0807	ď	09/01/11 00:12	SW846 8270D	KJP	11H6566
Naphthalene	ND		mg/kg dry	0.0169	0.0807	i.	09/01/11 00:12	SW846 8270D	KJP	11H6566
Phenanthrene	3.41		mg/kg dry	0.0120	0.0807	3	09/01/11 00:12	SW846 8270D	КЈР	11H6566
Pyrene	2.43		mg/kg dry	0.0277	0.0807	ì	09/01/11 00:12	SW846 8270D	KJP	11H6566
1-Methylnaphthalene	1.29		mg/kg dry	0.0144	0.0807	1	09/01/11 00:12	SW846 8270D	KJP	11H6566
2-Methylnaphthalene	0.481		mg/kg dry	0.0253	0.0807	.1	09/01/11 00:12	SW846.8270D	KJP	11H6566
Surr: Terphenyl-d14 (18-120%)	97 %					7	09.01.11.00:12	SW846 8270D	KJP	11116566
Surr: 2-Fluorohiphenyl (14-120%)	701 96					1	09 01 11 00:12	SW846 8270L)	KJP	11116566
Surr: Nitrobenzene-d5 (17-120%)	57 %					1	09 01 11 00:12	SW846 8270D	K.JP	11H6566



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)

10179 Highway 78

Ladson, SC 29456

Attn Tom McElwee

Work Order:

NUH3768

Project Name:

Laurel Bay Housing Project

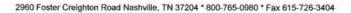
Project Number:

[none]

Received: 08/27/11 08:15

### SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extract Vol	Date	Analyst	Extraction Method	
Polyaromatic Hydrocarbons I	by EPA 8270D				36.0			
SW846 8270D	11H6566	NUH3768-01	30.34	1.00	08/31/11 08:52	JJR	EPA 3550C	
SW846 8270D	11H6566	NUH3768-02	30.11	1.00	08/31/11 08:52	JJR	EPA 3550C	
SW846 8270D	11H6566	NUH3768-03	30.72	1.00	08/31/11 08:52	JJR	EPA 3550C	
Volatile Organic Compounds	by EPA Method 8260B							
SW846 8260B	11117238	NUH3768-01	6.79	5.00	08/22/11 12:30	TSP	EPA 5035	
SW846 8260B	1110156	NUH3768-01RE1	6.20	5.00	08/22/11 12:30	TSP	EPA 5035	
SW846 8260B	11H7238	NUH3768-02	5,57	5.00	08/24/11 14:15	TSP	EPA 5035	
SW846 8260B	11H7238	NUH3768-03	6.55	5.00	08/25/11 14:15	TSP	EPA 5035	





THE LEADER IN ENVIRONMENTAL TESTING

Client: EEG - Small Business Group, Inc. (2449)

10179 Highway 78 Ladson, SC 29456

Tom McElwee

Attn

Work Order:

NUH3768

Project Name:

Laurel Bay Housing Project

Project Number:

[none]

Received: 08/27/11 08:15

## PROJECT QUALITY CONTROL DATA Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by	EPA Method 8260B					
11H7238-BLK1						
Benzene	< 0.00110		mg/kg wet	11H7238	11H7238-BLK1	08/31/11 11:28
Ethylbenzene	< 0.00110		mg/kg wet	11H7238	11H7238-BLK1	08/31/11 11:28
Naphthalene	< 0.00250		mg/kg wet	11H7238	11H7238-BLK1	08/31/11 11:28
Toluene	< 0.00110		mg/kg wet	11H7238	11H7238-BLK1	08/31/11 11:28
Xylenes, total	< 0.00250		mg/kg wet	11H7238	11H7238-BLK1	08/31/11 11:28
Surrogate: 1,2-Dichloroethane-d4	90%			11H7238	11H7238-BLK1	08/31/11 11:28
Surrogate: Dibromofluoromethane	91%			11H7238	11H7238-BLK1	08/31/11 11:28
Surrogate: Toluene-d8	111%			11H7238	11H7238-BLK1	08/31/11 11:28
Surrogate: 4-Bromofluorobenzene	112%			11H7238	11H7238-BLK1	08/31/11 11:28
11H7238-BLK2						
Benzene	< 0.0550		mg/kg wet	11H7238	11H7238-BLK2	08/31/11 11:59
Ethylbenzene	< 0.0550		mg/kg wet	11H7238	11H7238-BLK2	08/31/11 11:59
Naphthalene	<0.125		mg/kg wet	11H7238	11H7238-BLK2	08/31/11 11:59
Toluene	< 0.0550		mg/kg wet	11H7238	11H7238-BLK2	08/31/11 11/59
Xylenes, total	< 0.125		mg/kg wet	11H7238	11H7238-BLK2	08/31/11 11:59
Surrogate: 1,2-Dichloroethane-d4	93%			11H7238	11H7238-BLK2	08/31/11 11:59
Surrogate: Dibromofluoromethane	92%			11H7238	11H7238-BLK2	08/31/11 11:59
Surrogate: Toluene-d8	111%			11H7238	11H7238-BLK2	08/31/11 11:59
Surrogate: 4-Bromofluorobenzene	112%			11H7238	11H7238-BLK2	08/31/11 11:59
1110156-BLK1						
Benzene	<0.00110		mg/kg wet	1110156	1110156-BLK1	09/01/11 11:40
Ethylbenzene	< 0.00110		mg/kg wet	1110156	1110156-BLK1	09/01/11 11:40
Naphthalene	< 0.00250		mg/kg wet	1110156	1110156-BLK1	09/01/11 11:40
Toluene	< 0.00110		mg/kg wet	1110156	1110156-BLK1	09/01/11 11:40
Xylenes, total	< 0.00250		mg/kg wet	1110156	1110156-BLK1	09/01/11 11:40
Surrogate: 1,2-Dichloroethane-d4	91%			1110156	1110156-BLK1	09/01/11 11:40
Surrogate: Dibromofluoromethane	95%			1110156	1110156-BLK1	09/01/11 11:40
Surrogate: Toluene-d8	113%			1110156	1110156-BLK1	09/01/11 11:40
Surrogate: 4-Bromofluorobenzene	109%			1110156	1110156-BLK1	09/01/11 11:40
1110156-BLK2						
Benzene	< 0.0550		mg/kg wet	1110156	1110156-BLK2	09/01/11 12:11
Ethylbenzene	< 0.0550		mg/kg wet	1110156	1110156-BLK2	09/01/11 12:11
Naphthalene	< 0.125		mg/kg wet	1110156	1110156-BLK2	09/01/11 12:11
Toluene	< 0.0550		mg/kg wet	1110156	1110156-BLK2	09/01/11 12:11
Xylenes, total	< 0.125		mg/kg wet	1110156	1110156-BLK2	09/01/11 12:11
Surrogate: 1,2-Dichloroethane-d4	95%			1110156	1110156-BLK2	09/01/11 12:11
Surrogate: Dibromofluoromethane	97%			1110156	1110156-BLK2	09/01/11 12:11
Surrogate: Toluene-d8	112%			1110156	1110156-BLK2	09/01/11 12:11





Client: EEG - Small Business Group, Inc. (2449)

10179 Highway 78

Tom McElwee

Ladson, SC 29456

Attn

Work Order:

NUH3768

Project Name:

Laurel Bay Housing Project

Project Number:

[none]

08/27/11 08:15 Received:

### PROJECT QUALITY CONTROL DATA Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by	EPA Method 8260B					
11I0156-BLK2						
Surrogate: 4-Bromoffworobenzene	109%			1110156	1110156-BLK2	09/01/11 12:11
olyaromatic Hydrocarbons by	EPA 8270D					
1H6566-BLK1						
Acenaphthene	< 0.0140		mg/kg wet	11H6566	11H6566-BLK1	08/31/11 22:03
Acenaphthylene	< 0.0200		mg/kg wet	I1H6566	11H6566-BLK1	08/31/11 22:03
Anthracene	<0.00900		mg/kg wet	11H6566	11H6566-BLK1	08/31/11 22:03
Benzo (a) anthracene	< 0.0110		mg/kg wet	11H6566	11H6566-BLK1	08/31/11 22:03
enzo (a) pyrene	<0.00800		mg/kg wet	11H6566	11H6566-BLK1	08/31/11 22:03
enzo (b) fluoranthene	< 0.0380		mg/kg wet	11H6566	11H6566-BLK1	08/31/11 22:03
enzo (g,h,i) perylene	< 0.00900		mg/kg wet	11H6566	11H6566-BLK1	08/31/11 22:03
enzo (k) fluoranthene	< 0.0370		mg/kg wet	11H6566	11H6566-BLK1	08/31/11 22:03
hrysene	< 0.0310		mg/kg wet	11H6566	11H6566-BLK1	08/31/11 22:03
ibenz (a,h) anthracene	< 0.0150		mg/kg wet	11H6566	11H6566-BLK1	08/31/11 22:03
luoranthene	< 0.0110		mg/kg wet	11H6566	11H6566-BLK1	08/31/11 22:03
luorene	< 0.0200		mg/kg wet	11H6566	11H6566-BLK1	08/31/11 22:03
ndeno (1,2,3-cd) pyrene	< 0.0310		mg/kg wet	11H6566	11H6566-BLK1	08/31/11 22:03
aphthalene	< 0.0140		mg/kg wet	11H6566	11H6566-BLK1	08/31/11 22:03
henanthrene	< 0.0100		mg/kg wet	11H6566	11H6566-BLK1	08/31/11 22:03
yrene	< 0.0230		mg/kg wet	11H6566	11H6566-BLK1	08/31/11 22:03
Methylnaphthalene	< 0.0120		mg/kg wet	11H6566	11H6566-BLK1	08/31/11 22:03
Methylnaphthalene	< 0.0210		mg/kg wet	11H6566	11H6566-BLK1	08/31/11 22:03
rrogate: Terphenyl-d14	100%			11H6566	11H6566-BLK1	08/31/11 22:03
arrogate: 2-Fluorohiphenyl	66%			11H6566	11H6566-BLK1	08/31/11 22:03
urrogate: Nitrobenzene-d5	48%			11H6566	11H6566-BLK1	08/31/11 22:03



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

Client: EEG - Small Business Group, Inc. (2449)

10179 Highway 78 Ladson, SC 29456

Tom McElwee

Attn

Work Order:

NUH3768

Project Name:

Laurel Bay Housing Project

Project Number:

[none]

Received: 08/27/11 08:15

## PROJECT QUALITY CONTROL DATA

### Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
11H6809-DUP1										
% Dry Solids	83.9	83.3		%	0.6	20	11H6809	NUH3697-01		08/31/11 09:09



Client: EEG - Small Business Group, Inc. (2449)

10179 Highway 78

Ladson, SC 29456 Tom McElwee

Attn

Work Order:

Project Name:

NUH3768

Laurel Bay Housing Project

Project Number:

[none]

08/27/11 08:15 Received:

### PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by El	A Method 8260B							
11H7238-BS1								
Benzene	50.0	56.0		ug/kg	112%	75 - 127	11H7238	08/31/11 10:26
Ethylbenzene	50,0	59.0		ug/kg	118%	80 - 134	11H7238	08/31/11 10:26
Naphthalene	50.0	53,2		ug/kg	106%	69 - 150	11H7238	08/31/11 10:26
Toluene	50.0	57.4		ug/kg	115%	80 - 132	11H7238	08/31/11 10:26
Xylenes, total	150	177		ug/kg	118%	80 - 137	11H7238	08/31/11 10:26
Surrogate; 1,2-Dichloroethane-d4	50.0	45,2			90%	70 - 130	11H7238	08/31/11 10:26
Surrogate: Dibromofluoromethane	50.0	45,3			91%	70 - 130	11H7238	08/31/11 10:26
Surrogate: Toluene-d8	50,0	56.4			113%	70 - 130	11H7238	08/31/11 10:26
Surrogate: 4-Bromofluorobenzene	50.0	56.1			112%	70 - 130	11H7238	08/31/11 10:26
11I0156-BS1								
Benzene	50.0	58.6		ug/kg	117%	75 - 127	1110156	09/01/11 10:38
Ethylbenzene	50.0	62.7		ug/kg	125%	80 - 134	1110156	09/01/11 10:38
Naphthalene	50,0	53.6		ug/kg	107%	69 - 150	1110156	09/01/11 10:38
Toluene	50.0	58.9		ug/kg	118%	80 - 132	1110156	09/01/11 10:38
Xylenes, total	150	188		ug/kg	125%	80 - 137	1110156	09/01/11 10:38
Surrogate: 1,2-Dichloroethane-d4	50.0	48.0			96%	70 - 130	1110156	09/01/11 10:38
Surrogate: Dibromofluoromethane	50.0	47.4			95%	70 - 130	1110156	09/01/11 10:38
Surrogate: Toluene-d8	50.0	55.4			111%	70 - 130	1110156	09/01/11 10:38
Surrogate: 4-Bromofluorobenzene	50.0	56.2			112%	70 - 130	1110156	09/01/11 10:38
Polyaromatic Hydrocarbons by EP.	A 8270D							
11H6566-BS1								
Acenaphthene	1.67	1.24		mg/kg wet	75%	49 - 120	11H6566	08/31/11 22:24
Acenaphthylene	1.67	1.25		mg/kg wet	75%	52 - 120	11H6566	08/31/11 22:24
Anthracene	1.67	1,35		mg/kg wet	81%	58 - 120	11H6566	08/31/11 22:24
Benzo (a) anthracene	1.67	1.28		mg/kg wet	77%	57 - 120	11H6566	08/31/11 22:24
Benzo (a) pyrene	1.67	1.43		mg/kg wet	86%	55 - 120	11H6566	08/31/11 22:24
Benzo (b) fluoranthene	1.67	1.27		mg/kg wet	76%	51 - 123	11H6566	08/31/11 22:24
Benzo (g,h,i) perylene	1.67	1.19		mg/kg wet	71%	49 - 121	11H6566	08/31/11 22:24
Benzo (k) fluoranthene	1.67	1,44		mg/kg wet	86%	42 - 129	11H6566	08/31/11 22:24
Chrysene	1.67	1.29		mg/kg wet	77%	55 - 120	11H6566	08/31/11 22:24
Dibenz (a,h) anthracene	1.67	1.20		mg/kg wet	72%	50 - 123	11H6566	08/31/11 22:24
Fluoranthene	1.67	1.30		mg/kg wet	78%	58 - 120	11H6566	08/31/11 22:24
Fluorene	1.67	1.30		mg/kg wet	78%	54 - 120	11H6566	08/31/11 22:24
Indeno (1,2,3-cd) pyrene	1.67	1,22		mg/kg wet	73%	50 - 122	11116566	08/31/11 22:24
Naphthalene	1.67	1,15		mg/kg wet	69%	28 - 120	11H6566	08/31/11 22:24
Phenanthrene	1.67	1.33		mg/kg wet	80%	56 - 120	11H6566	08/31/11 22:24
Pyrene	1.67	1.50		mg/kg wet	90%	56 - 120	11H6566	08/31/11 22:24
I-Methylnaphthalene	1.67	0.921		mg/kg wet	55%	36 - 120	11H6566	08/31/11 22:24



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

Client: EEG - Small Business Group, Inc. (2449)

10179 Highway 78

Ladson, SC 29456 Tom McElwee

Attn

Work Order:

NUH3768

Project Name:

Laurel Bay Housing Project

Project Number:

[none]

Received:

08/27/11 08:15

### PROJECT QUALITY CONTROL DATA LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polyaromatic Hydrocarbons by I	EPA 8270D							
11H6566-BS1								
2-Methylnaphthalene	1.67	1.10		mg/kg wet	66%	36 - 120	11H6566	08/31/11 22:24
Surrogate: Terphenyl-d14	1.67	1.50			90%	18 - 120	11H6566	08/31/11 22:24
Surrogate: 2-Fluorobiphenyl	1.67	1.03			62%	14 - 120	11H6566	08/31/11 22:24
Surrogate; Nitrobenzene-d5	1.67	0.672			40%	17 - 120	11H6566	08/31/11 22:24





EEG - Small Business Group, Inc. (2449) Client:

10179 Highway 78 Ladson, SC 29456

Tom McElwee

Attn

Work Order:

NUH3768

08/27/11 08:15

Project Name:

Laurel Bay Housing Project

Project Number:

[none]

Received:

### PROJECT QUALITY CONTROL DATA Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by	EPA Method 826	0В								
11I0156-MS1										
Benzene	ND	2.66		mg/kg wet	2.50	106%	31 - 143	1110156	NUH3054-07RE 2	09/01/11 19:58
Ethylbenzene	ND	2,92		mg/kg wet	2.50	117%	23 - 161	1110156	NUH3054-07RE 2	09/01/11 19:5
Naphthalene	0.164	3.00		mg/kg wet	2.50	114%	10 - 176	1110156	NUH3054-07RE 2	09/01/11 19:5
Toluene	ND	2.73		mg/kg wet	2,50	109%	30 - 155	1110156	NUH3054-07RE 2	09/01/11 19:5
Xylenes, total	ND	8.82		mg/kg wet	7.50	118%	25 - 162	1110156	NUH3054-07RE 2	09/01/11 19:5
Surrogate: 1,2-Dichloroethane-d4		45.4		ug/kg	50.0	91%	70 - 130	1110156	NUH3054-07RE 2	09/01/11 19:5
Surrogate: Dibromofluoromethane		46.0		ug/kg	50.0	92%	70 - 130	1110156	NUH3054-07RE 2	09/01/11 19:5
Surrogate; Toluene-d8		55.4		ug/kg	50,0	111%	70 - 130	1110156	NUH3054-07RE 2	09/01/11 19:5
Surrogate: 4-Bromofluorobenzene		56.7		ug/kg	50.0	113%	70 - 130	1110156	NUH3054-07RE 2	09/01/11 19:5
Polyaromatic Hydrocarbons by E	CPA 8270D									
11H6566-MS1										
Acenaphthene	ND	1.88		mg/kg dry	2.25	84%	42 - 120	11H6566	NUH3768-01	08/31/11 22:4
Acenaphthylene	ND	1.82		mg/kg dry	2.25	81%	32 - 120	11H6566	NUH3768-01	08/31/11 22:4
Anthracene	ND	2.07		mg/kg dry	2.25	92%	10 - 200	11H6566	NUH3768-01	08/31/11 22:4
Benzo (a) anthracene	ND	2.08		mg/kg dry	2.25	93%	41 - 120	11H6566	NUH3768-01	08/31/11 22:4
Benzo (a) pyrene	ND	2.15		mg/kg dry	2.25	96%	33 - 121	11H6566	NUH3768-01	08/31/11 22:4
Benzo (b) fluoranthene	ND	2.17		mg/kg dry	2.25	97%	26 - 137	11H6566	NUH3768-01	08/31/11 22:4
Benzo (g,h,i) perylene	ND	1.83		mg/kg dry	2.25	81%	21 - 124	11H6566	NUH3768-01	08/31/11 22:4
Benzo (k) fluoranthene	ND	1.94		mg/kg dry	2.25	87%	14 - 140	11H6566	NUH3768-01	08/31/11 22:4
Chrysene	ND	2.02		mg/kg dry	2.25	90%	28 - 123	11H6566	NUH3768-01	08/31/11 22:4
Dibenz (a,h) anthracene	ND	1.86		mg/kg dry	2.25	83%	25 - 127	11H6566	NUH3768-01	08/31/11 22:4
Fluoranthene	ND	1.99		mg/kg dry	2.25	89%	38 - 120	11H6566	NUH3768-01	08/31/11 22:4
Fluorene	ND	1.92		mg/kg dry	2,25	86%	41 - 120	11H6566	NUH3768-01	08/31/11 22:4
Indeno (1,2,3-cd) pyrene	ND	1.82		mg/kg dry	2.25	81%	25 - 123	11H6566	NUH3768-01	08/31/11 22:4
Naphthalene	ND	1,70		mg/kg dry	2,25	76%	25 - 120	11H6566	NUH3768-01	08/31/11 22:4
Phenanthrene	ND	2,11		mg/kg dry	2,25	94%	37 - 120	11H6566	NUH3768-01	08/31/11 22:4
Pyrene	ND	2,23		mg/kg dry	2.25	99%	29 - 125	11H6566	NUH3768-01	08/31/11 22:4
1-Methylnaphthalene	ND	1.47		mg/kg dry	2.25	66%	19 - 120	11H6566	NUH3768-01	08/31/11 22:4
2-Methylnaphthalene	ND	1.84		mg/kg dry	2.25	82%	11 - 120	11H6566	NUH3768-01	08/31/11 22:4
Surrogate: Terphenyl-d14		2.28		mg/kg dry	2.25	101%	18 - 120	11H6566	NUH3768-01	08/31/11 22:4
Surrogate: 2-Fluorohiphenyl		1.53		mg/kg dry	2.25	68%	14 - 120	11H6566	NUH3768-01	08/31/11 22:4



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Client: EEG - Small Business Group, Inc. (2449)

10179 Highway 78

Ladson, SC 29456

Tom McElwee

Attn

Work Order:

NUH3768

Project Name:

Laurel Bay Housing Project

Project Number:

[none]

Received: 08/27/11 08:15

## 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 b	y EPA 8270D									
11H6566-MS1 Surrogate: Nitrobenzene-d5		1.06		mg/kg dry	2.25	47%	17 - 120	11H6566	NUH3768-01	08/31/11 22:46





EEG - Small Business Group, Inc. (2449) Client:

10179 Highway 78

Ladson, SC 29456

Tom McElwee

Attn

Work Order: NUH3768

Project Name: Laurel Bay Housing Project

Project Number: Received:

[none] 08/27/11 08:15

### PROJECT QUALITY CONTROL DATA Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by	EPA Method 8	3260B										
11I0156-MSD1												
Benzene	ND	2.86		mg/kg wet	2 50	114%	31 - 143	7	50	1110156	NUH3054-07RE 2	09/01/11 20:29
Ethylbenzene	ND	3.12		mg/kg wet	2.50	125%	23 - 161	7	50	1110156	NUH3054-07RE 2	09/01/11 20:29
Naphthalene	0.164	3.03		mg/kg wet	2.50	114%	10 - 176	0.7	50	1110156	NUH3054-07RE 2	09/01/11 20:29
Toluene	ND	2.94		mg/kg wet	2.50	118%	30 - 155	7	50	1110156	NUH3054-07RE 2	09/01/11 20:29
Xylenes, total	ND	9.37		mg/kg wet	7 50	125%	25 - 162	6	50	1110156	NUH3054-07RE 2	09/01/11 20:29
Surrogate: 1,2-Dichloroethane-d4		44.8		ug/kg	50,0	90%	70 - 130			1110156	NUH3054-07RE 2	09/01/11 20:29
Surrogate; Dibromofluoromethane		46,0		ug/kg	50.0	92%	70 - 130			1110156	NUH3054-07RE 2	09/01/11 20:29
Surrogate; Tohuene-d8		55.6		ug/kg	50.0	111%	70 - 130			1110156	NUH3054-07RE 2	09/01/11 20:29
Surrogate: 4-Bromofluorobenzene		57.5		ug/kg	50.0	115%	70 - 130			1110156	NUH3054-07RE 2	09/01/11 20:29
Polyaromatic Hydrocarbons by	EPA 8270D											
11H6566-MSD1												
Acenaphthene	ND	2.05		mg/kg dry	2.24	91%	42 - 120	9	40	11H6566	NUH3768-01	08/31/11 23:01
Acenaphthylene	ND	2.03		mg/kg dry	2.24	90%	32 - 120	11	30	11H6566	NUH3768-01	08/31/11 23:0
Anthracene	ND	2.08		mg/kg dry	2.24	93%	10 - 200	0.3	50	11H6566	NUH3768-01	08/31/11 23:0
Benzo (a) anthracene	ND	2.01		mg/kg dry	2.24	90%	41 - 120	3	30	11H6566	NUH3768-01	08/31/11 23:0
Benzo (a) pyrene	ND	2.09		mg/kg dry	2/24	93%	33 - 121	3	33	11H6566	NUH3768-01	08/31/11 23:0
Benzo (b) fluoranthene	ND	2.22		mg/kg dry	2.24	99%	26 - 137	2	42	11H6566	NUH3768-01	08/31/11 23:0
Benzo (g,h,i) perylene	ND	1,92		mg/kg dry	2.24	86%	21 - 124	5	32	11H6566	NUH3768-01	08/31/11 23:0
Benzo (k) fluoranthene	ND	1.99		mg/kg dry	2.24	89%	14 - 140	2	39	11H6566	NUH3768-01	08/31/11 23:0
Chrysene	ND	2.09		mg/kg dry	2 24	93%	28 - 123	4	34	11H6566	NUH3768-01	08/31/11 23:0
Dibenz (a,h) anthracene	ND	1.88		mg/kg dry	2.24	84%	25 - 127	1	31	11H6566	NUH3768-01	08/31/11 23:0
Fluoranthene	ND	1.99		mg/kg dry	2 24	89%	38 - 120	0.3	35	11H6566	NUH3768-01	08/31/11 23:0
Fluorene	ND	2,13		mg/kg dry	2.24	95%	41 - 120	10	37	11H6566	NUH3768-01	08/31/11 23:0
Indeno (1,2,3-cd) pyrene	ND	1.90		mg/kg dry	2.24	85%	25 - 123	4	32	11H6566	NUH3768-01	08/31/11 23:0
Naphthalene	ND	1.94		mg/kg dry	2.24	87%	25 - 120	13	42	11H6566	NUH3768-01	08/31/11 23:0
Phenanthrene	ND	2.38		mg/kg dry	2.24	106%	37 - 120	12	32	11H6566	NUH3768-01	08/31/11 23:0
Pyrene	ND	2.31		mg/kg dry	2.24	103%	29 - 125	3	40	11H6566	NUH3768-01	08/31/11 23:0
I-Methylnaphthalene	ND	1.65		mg/kg dry	2.24	74%	19 - 120	12	45	11H6566	NUH3768-01	08/31/11 23:0
2-Methylnaphthalene	ND	2.20		mg/kg dry	2.24	98%	11 - 120	18	50	11116566	NUH3768-01	08/31/11 23:0
iurrogate: Terphenyl-d14		2,40		mg/kg dry	2.24	107%	18 - 120			11H6566	NUH3768-01	08/31/11 23:0
Surrogate: 2-Fluorobiphenyl		1.68		mg/kg dry	2.24	75%	14 - 120			11H6566	NUH3768-01	08/31/11 23:0
Surrogate: Nitrobenzene-d5		1.26		mg/kg dry	2.24	56%	17 - 120			11H6566	NUH3768-01	08/31/11 23:0



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Client: EEG - Small Business Group, Inc. (2449)

10179 Highway 78

Ladson, SC 29456

Tom McElwee

Work Order:

NUH3768

Project Name:

Laurel Bay Housing Project

Project Number:

[none]

Received:

08/27/11 08:15

### CERTIFICATION SUMMARY

#### TestAmerica Nashville

Attn

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



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EEG - Small Business Group, Inc. (2449) Client:

10179 Highway 78

Ladson, SC 29456 Tom McElwee

Attn

Work Order:

NUH3768

Project Name:

Laurel Bay Housing Project

Project Number:

[none]

08/27/11 08:15 Received:

### DATA QUALIFIERS AND DEFINITIONS

Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

ND Not detected at the reporting limit (or method detection limit if shown)

### METHOD MODIFICATION NOTES

## NUH3768

Te	()9/13/11 23 59	u	Nashville 2960 Fost Nashville	ter Cre	ighto	n				Fre	e: 80	00-76	26-01 35-09 26-34	80							meth		this w	ng the ork bei							
	Client Name/Account #:	EEG - SBG # 2	449																					Comp	liance	Monit	oring?		Yes_		No
	Address:	10179 Highway	78																					Enfo	rceme	ent Act	tion?		Yes		No
	City/State/Zip:	Ladson, SC 294	156																Site	State:	SC										
	Project Manager:	Tom McElwee	email. mcelw	ree@ee	ginc.r	net														PO#:		1	0:	2 '	2						
	Telephone Number:	843.412.2097		,		_	Fa	ax No.	18	43		-8	79	1-	0	40	1/2	7	A Qu	ote #:											
	Sampler Name: (Print)	1	RAH	-	5%	LA	w	>											Proje	ct ID:	Laure	Bay	Housin	g Proje	ect						
	Sampler Signature:		M	12	1	/							0						Proj	ect#:											
			, ,	_/	1				Na	eserv	ative		डे		М	atrix								Analyz	e For:						
Sample ID / 13 C / 2.3 / 2.3	BANYAN-2 BANYAN BANYAN	8/22/18/25/11	1236 1415 1415	Sylve No. of Containers Shipper	X X Grab	Composite	Field Filtered	lea Made: Josef Jack	N. W. HOTOMANDER & C. J. K.	NaOH ( Orange Label)	H <sub>2</sub> SO, Plastic (Yellow Label)	None (Black Label)	1	Groundwater	Vastewater Drinking Water	Sludge	X X X	Other (specify)	XXX BTEX + Napth - 82606	X X PAH - 8270D											RUSH TAT (Pre-Schedule)
										1	+		1	+		+											+	=		$\exists$	+
Relinquished b		8/2G	111	Tin 100	0	Receiv	ved b	d	K;	1	ment		2		36	Date Date		DEX	Time			Tem	peratu	nents: re Upo of Hea	n Rec		-1-			ý	7

## ATTACHMENT A

# **UST Certificate of Disposal**

## CONTRACTOR

Small Business Group, Inc. 10179 Highway 78 Ladson, SC 29456

TEL (843) 879-0403 FAX (843) 879-0401

## **TANK ID & LOCATION**

UST 123Banyan; 123 Banyan Drive, Laurel Bay Housing Area, MCAS Beaufort, S.C.

### DISPOSAL LOCATION

Coastal Auto Salvage Co., Inc. 130 Laurel Bay Road Beaufort, S.C. 29906

TYPE OF TANK	SIZE (GAL)
Steel	280

## CLEANING/DISPOSAL METHOD

The tank and piping were unearthed, cut open, cleaned with a pressure washer, cut into sections, and recycled.

## DISPOSAL CERTIFICATION

I certify that the above tank, piping and equipment has been properly cleaned and disposed of.

(Name) (Date)

## Appendix C Regulatory Correspondence





### Catherine E. Heigel, Director

Promoting and protecting the health of the public and the environment

July 1, 2015

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

RE: No Further Action

Laurel Bay Underground Storage Tank Assessment Reports for:

See attached sheet

Dear Mr. Drawdy,

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

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

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

If you have any questions, please contact me at <a href="mailto:kriegkm@dhec.sc.gov">kriegkm@dhec.sc.gov</a> or 803-898-0255.

Sincerely,

Kent Krieg

Department of Defense Corrective Action Section

Bureau of Land and Waste Management

South Carolina Department of Health and Environmental Control

Cc: Russell Berry (via email)

Craig Ehde (via email) Bryan Beck (via email)



### Catherine E. Heigel, Director

Promoting and protecting the health of the public and the environment

**Attachment to**: Krieg to Drawdy

Subject: NFA
Dated 7/1/2015

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

111 BitCh   363 Aspen   364 Aspen   364 Aspen   364 Aspen   369 Aspen   369 Aspen   369 Aspen   373 Aspen   369 Aspen   373 Aspen   369 Aspen   373 Aspen   373 Aspen   373 Aspen   373 Aspen   374 Aspen   375 Aspen   376 Aspen   376 Aspen   377 Aspen   377 Aspen   378	111 Direct	262 Asman
131 Banyan       366 Aspen         134 Banyan       369 Aspen         145 Laurel Bay       373 Aspen         150 Laurel Bay       381 Aspen         153 Laurel Bay       401 Elderberry         154 Laurel Bay       402 Elderberry         155 Laurel Bay       404 Elderberry         200 Balsam       410 Elderberry         202 Balsam       420 Elderberry         203 Balsam       424 Elderberry         208 Balsam       435 Elderberry Tank 3         210 Balsam       452 Elderberry         211 Balsam       460 Elderberry         220 Cypress       465 Dogwood         222 Cypress       477 Laurel Bay         223 Cypress       487 Laurel Bay         225 Beech Tank 2       513 Laurel Bay         271 Beech Tank 1       519 Laurel Bay         271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         3	111 Birch	363 Aspen
134 Banyan       369 Aspen         145 Laurel Bay       373 Aspen         150 Laurel Bay       381 Aspen         153 Laurel Bay       401 Elderberry         154 Laurel Bay       402 Elderberry         155 Laurel Bay       404 Elderberry         200 Balsam       410 Elderberry         202 Balsam       420 Elderberry         203 Balsam       424 Elderberry         208 Balsam       435 Elderberry Tank 3         210 Balsam       452 Elderberry         211 Balsam       460 Elderberry         220 Cypress       465 Dogwood         222 Cypress       477 Laurel Bay         223 Cypress       487 Laurel Bay         252 Beech Tank 2       513 Laurel Bay         271 Beech Tank 1       519 Laurel Bay         271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	•	1
145 Laurel Bay       373 Aspen         150 Laurel Bay       381 Aspen         153 Laurel Bay       401 Elderberry         154 Laurel Bay       402 Elderberry         155 Laurel Bay       404 Elderberry         200 Balsam       410 Elderberry         202 Balsam       420 Elderberry         203 Balsam       424 Elderberry         208 Balsam       435 Elderberry Tank 3         210 Balsam       452 Elderberry         211 Balsam       466 Elderberry         220 Cypress       465 Dogwood         222 Cypress       477 Laurel Bay         223 Cypress       487Laurel Bay         252 Beech Tank 2       513 Laurel Bay         271 Beech Tank 1       519 Laurel Bay         271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2		1
150 Laurel Bay       381 Aspen         153 Laurel Bay       401 Elderberry         154 Laurel Bay       402 Elderberry         155 Laurel Bay       404 Elderberry         200 Balsam       410 Elderberry         202 Balsam       420 Elderberry         203 Balsam       424 Elderberry         208 Balsam       435 Elderberry Tank 3         210 Balsam       452 Elderberry         211 Balsam       460 Elderberry         220 Cypress       465 Dogwood         222 Cypress       487 Laurel Bay         223 Cypress       487 Laurel Bay         252 Beech Tank 2       513 Laurel Bay         271 Beech Tank 1       519 Laurel Bay         271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	•	
153 Laurel Bay       401 Elderberry         154 Laurel Bay       402 Elderberry         155 Laurel Bay       404 Elderberry         200 Balsam       410 Elderberry         202 Balsam       420 Elderberry         203 Balsam       424 Elderberry         208 Balsam       435 Elderberry Tank 3         210 Balsam       452 Elderberry         211 Balsam       460 Elderberry         220 Cypress       465 Dogwood         222 Cypress       477 Laurel Bay         223 Cypress       487Laurel Bay         252 Beech Tank 2       513 Laurel Bay         271 Beech Tank 1       519 Laurel Bay         284 Birch Tank 2       524 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2		
154 Laurel Bay       402 Elderberry         155 Laurel Bay       404 Elderberry         200 Balsam       410 Elderberry         202 Balsam       420 Elderberry         203 Balsam       424 Elderberry         208 Balsam       435 Elderberry Tank 3         210 Balsam       452 Elderberry         211 Balsam       460 Elderberry         220 Cypress       465 Dogwood         222 Cypress       477 Laurel Bay         223 Cypress       487 Laurel Bay         252 Beech Tank 2       513 Laurel Bay         271 Beech Tank 1       519 Laurel Bay         271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2		1
155 Laurel Bay       404 Elderberry         200 Balsam       410 Elderberry         202 Balsam       420 Elderberry         203 Balsam       424 Elderberry         208 Balsam       435 Elderberry Tank 3         210 Balsam       452 Elderberry         211 Balsam       460 Elderberry         220 Cypress       465 Dogwood         222 Cypress       477 Laurel Bay         223 Cypress       487 Laurel Bay         252 Beech Tank 2       513 Laurel Bay         271 Beech Tank 1       519 Laurel Bay         271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2		
200 Balsam       410 Elderberry         202 Balsam       420 Elderberry         203 Balsam       424 Elderberry         208 Balsam       435 Elderberry Tank 3         210 Balsam       452 Elderberry         211 Balsam       460 Elderberry         220 Cypress       465 Dogwood         222 Cypress       477 Laurel Bay         223 Cypress       487Laurel Bay         252 Beech Tank 2       513 Laurel Bay         271 Beech Tank 1       519 Laurel Bay         271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2		ž
202 Balsam       420 Elderberry         203 Balsam       424 Elderberry         208 Balsam       435 Elderberry Tank 3         210 Balsam       452 Elderberry         211 Balsam       460 Elderberry         220 Cypress       465 Dogwood         222 Cypress       477 Laurel Bay         223 Cypress       487 Laurel Bay         252 Beech Tank 2       513 Laurel Bay         271 Beech Tank 1       519 Laurel Bay         271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2		ž
203 Balsam       424 Elderberry         208 Balsam       435 Elderberry Tank 3         210 Balsam       452 Elderberry         211 Balsam       460 Elderberry         220 Cypress       465 Dogwood         222 Cypress       477 Laurel Bay         223 Cypress       487 Laurel Bay         252 Beech Tank 2       513 Laurel Bay         271 Beech Tank 1       519 Laurel Bay         271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2		J
208 Balsam       435 Elderberry Tank 3         210 Balsam       452 Elderberry         211 Balsam       460 Elderberry         220 Cypress       465 Dogwood         222 Cypress       477 Laurel Bay         223 Cypress       487Laurel Bay         252 Beech Tank 2       513 Laurel Bay         271 Beech Tank 1       519 Laurel Bay         271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	202 Balsam	420 Elderberry
210 Balsam       452 Elderberry         211 Balsam       460 Elderberry         220 Cypress       465 Dogwood         222 Cypress       477 Laurel Bay         223 Cypress       487 Laurel Bay         252 Beech Tank 2       513 Laurel Bay         271 Beech Tank 1       519 Laurel Bay         271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	203 Balsam	424 Elderberry
211 Balsam       460 Elderberry         220 Cypress       465 Dogwood         222 Cypress       477 Laurel Bay         223 Cypress       487Laurel Bay         252 Beech Tank 2       513 Laurel Bay         271 Beech Tank 1       519 Laurel Bay         271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	208 Balsam	435 Elderberry Tank 3
220 Cypress       465 Dogwood         222 Cypress       477 Laurel Bay         223 Cypress       487Laurel Bay         252 Beech Tank 2       513 Laurel Bay         271 Beech Tank 1       519 Laurel Bay         271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	210 Balsam	452 Elderberry
222 Cypress       477 Laurel Bay         223 Cypress       487Laurel Bay         252 Beech Tank 2       513 Laurel Bay         271 Beech Tank 1       519 Laurel Bay         271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	211 Balsam	460 Elderberry
223 Cypress       487Laurel Bay         252 Beech Tank 2       513 Laurel Bay         271 Beech Tank 1       519 Laurel Bay         271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	220 Cypress	465 Dogwood
252 Beech Tank 2       513 Laurel Bay         271 Beech Tank 1       519 Laurel Bay         271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	222 Cypress	477 Laurel Bay
271 Beech Tank 1       519 Laurel Bay         271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	223 Cypress	487Laurel Bay
271 Beech Tank 2       524 Laurel Bay         284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	252 Beech Tank 2	513 Laurel Bay
284 Birch Tank 1       535 Laurel Bay         284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	271 Beech Tank 1	519 Laurel Bay
284 Birch Tank 2       553 Dahlia         308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	271 Beech Tank 2	524 Laurel Bay
308 Ash       590 Aster         311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	284 Birch Tank 1	535 Laurel Bay
311 Ash       591 Aster         312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	284 Birch Tank 2	553 Dahlia
312 Ash       610 Dahlia         317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	308 Ash	590 Aster
317 Ash       612 Dahlia         318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	311 Ash	591 Aster
318 Ash       628 Dahlia         337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	312 Ash	610 Dahlia
337 Ash       636 Dahlia         351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	317 Ash	612 Dahlia
351 Ash Tank 1       637 Dahlia Tank 1         351 Ash Tank 2       637 Dahlia Tank 2	318 Ash	628 Dahlia
351 Ash Tank 2 637 Dahlia Tank 2	337 Ash	636 Dahlia
	351 Ash Tank 1	637 Dahlia Tank 1
	351 Ash Tank 2	637 Dahlia Tank 2
355 Ash Tank 2 642 Dahlia Tank 1		
360 Aspen 642 Dahlia Tank 2	360 Aspen	

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

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

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

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