SUMMARY REPORT

148 BALSAM STREET (FORMERLY 202 BALSAM STREET)

LAUREL BAY MILITARY HOUSING AREA

MARINE CORPS AIR STATION BEAUFORT

BEAUFORT, SC

Revision: 0 Prepared for:

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

and



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





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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 148 Balsam Street (Formerly 202 Balsam Street). This NFA determination indicates that there are no unacceptable risks to human health or the environment for the petroleum constituents associated with the home heating oil USTs. The following information is included in this report:

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

1.1 Background Information

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





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

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

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

1.2 UST Removal and Assessment Process

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

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

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





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

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

2.0 SAMPLING ACTIVITIES AND RESULTS

The following section presents the sampling activities and associated results for 148 Balsam Street (Formerly 202 Balsam Street). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 202 Balsam Street* (MCAS Beaufort, 2013). The UST Assessment Report is provided in Appendix B.

2.1 UST Removal and Soil Sampling

On July 18, 2013, a single 280 gallon heating oil UST was removed from the landscaped area adjacent to the driveway at 148 Balsam Street (Formerly 202 Balsam Street). 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 6'4" bgs and a single soil sample was collected from that depth. The





sample was collected from the fill port side of the former UST to represent a worst case scenario.

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

2.2 Soil Analytical Results

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

The soil sample results were submitted by MCAS Beaufort to SCDHEC utilizing SCDHEC's UST Assessment Report form (Appendix B). The results of the soil sampling at the former UST location were used by MCAS Beaufort, in consultation with SCDHEC, to determine a path forward (i.e., additional sampling or NFA) for the property. The soil results collected from 148 Balsam Street (Formerly 202 Balsam Street) were less than the SCDHEC RBSLs, which indicated the subsurface was not impacted by COPCs associated with the former UST at concentrations that presented a potential risk to human health and the environment.

3.0 PROPERTY STATUS

Based on the analytical results for soil, SCDHEC made the determination that NFA was required for 148 Balsam Street (202 Balsam Street). 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, 2013. South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 202

Balsam Street, Laurel Bay Military Housing Area, October 2013.

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 148 Balsam Street (Formerly 202 Balsam Street) Laurel Bay Military Housing Area Marine Corps Air Station Beaufort Beaufort, South Carolina

Constituent	SCDHEC RBSLs (1)	Results Sample Collected 07/18/13				
Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)						
Benzene	0.003	ND				
Ethylbenzene	1.15	ND				
Naphthalene	0.036	ND				
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	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:

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.

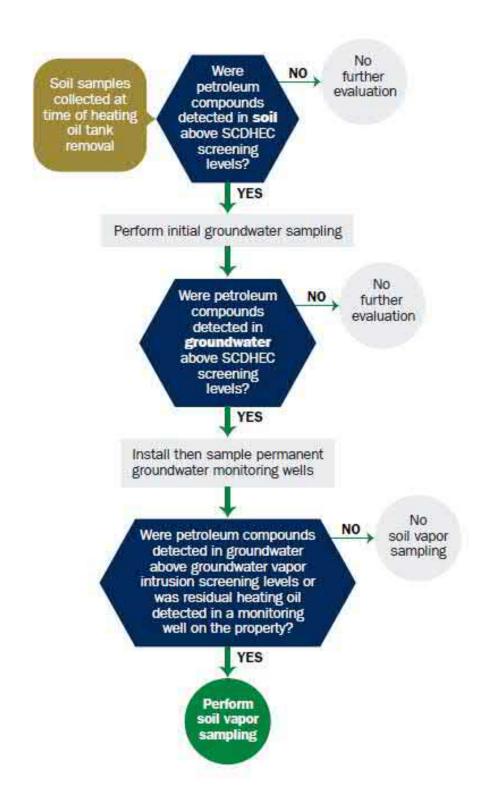
RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

⁽¹⁾ 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





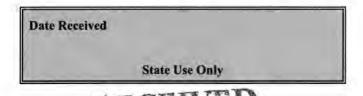
Appendix A - Multi-Media Selection Process for LBMH

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

OCT 2 3 201%3

SC DHEC - Bureau of Land & Weste Management

I. OWNERSHIP OF UST (S)

MCAS Beaufort, Com	manding Officer Attn: N	REAO (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

5 1.75	2			
Permit I.D. #	The great visit and a second			
Laurel Bay Milita	ry Housing Area, Mari	ne Corps Ai	r Station,	Beaufort, So
Facility Name or Company	Site Identifier			
202 Balsam Drive,	Laurel Bay Military	Housing Are	a	
Street Address or State Roa	d (as applicable)			
Beaufort,	Beaufort			
City	County			

Attachment 2

III. INSURANCE INFORMATION

Insurance Statement
The petroleum release reported to DHEC on at Permit ID Number may qualify to receive state monies to pay for appropriate site rehabilitation activities. Before participation is allowed in the State Clean-up fund, written confirmation of the existence or non-existence of an environmental insurance policy is required. This section must be completed.
Is there now, or has there ever been an insurance policy or other financial mechanism that covers this UST release? YES NO (check one)
If you answered YES to the above question, please complete the following information:
My policy provider is: The policy deductible is: The policy limit is:
If you have this type of insurance, please include a copy of the policy with this report.
IV. REQUEST FOR SUPERB FUNDING I DO / DO NOT wish to participate in the SUPERB Program. (Circle one.)
V. CERTIFICATION (To be signed by the UST owner)
I certify that I have personally examined and am familiar with the information submitted in this and all attached documents; and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.
Name (Type or print.)
Signature
To be completed by Notary Public:
Sworn before me this day of, 20
(Name)
Notary Public for the state of Please affix State seal if you are commissioned outside South Carolina

	VI. UST INFORMATION	
		202Balsam
J	Product(ex. Gas, Kerosene)	Heating oil
	Capacity(ex. 1k, 2k)	280 gal
1	Age	Late 1950s
(Construction Material(ex. Steel, FRP)	Steel
I	Month/Year of Last Use	Mid 1980s
1	Depth (ft.) To Base of Tank	6'4"
	Spill Prevention Equipment Y/N	No
(Overfill Prevention Equipment Y/N	No
1	Method of Closure Removed/Filled	Removed
I	Date Tanks Removed/Filled	7/18/2013
3	Visible Corrosion or Pitting Y/N	Yes
,	Visible Holes Y/N	Yes
1	Method of disposal for any USTs removed from the UST 202Balsam was removed from th	
-	Subtitle "D" landfill. See Attach	

VII. PIPING INFORMATION

		202Balsam	
		Steel	
Construction Material	(ex. Steel, FRP)	& Copper	
Distance from UST to	Dispenser	N/A	
Number of Dispensers		N/A	
Type of System Pressu	ure or Suction	Suction	
Was Piping Removed	from the Ground? Y/N	No	
Visible Corrosion or P	Pitting Y/N	Yes	
Visible Holes Y/N		No	
Age		Late 1950s	
		describe the location and ex	tent for each piping
Corrosion and	pitting were foun	d on the surface of	the steel ve
	supply and return		
pipe. Copper			
pipe. Copper			
pipe. Copper			
	BRIEF SITE DESC	RIPTION AND HISTO	RY
VIII.		RIPTION AND HISTO onstructed of singl	
VIII. The USTs at th	e residences are c		e wall steel
VIII. The USTs at th	e residences are c ontained fuel oil	onstructed of singl	e wall steel USTs were
VIII. The USTs at th	e residences are c ontained fuel oil	onstructed of singl for heating. These	e wall steel USTs were
VIII. The USTs at th	e residences are c ontained fuel oil	onstructed of singl for heating. These	e wall steel USTs were
VIII. The USTs at th	e residences are c ontained fuel oil	onstructed of singl for heating. These	e wall steel USTs were

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#
202 Balsam	Excav at fill end	Soil	Sandy	6'4"	7/18/13 1415 hrs	P. Shaw	
				_	7		
8							
9							
10					1		
11							
12						1 1	
13							
14							
15							
16							
17							
18							
19							
20							

^{* =} Depth Below the Surrounding Land Surface

XI. SAMPLING METHODOLOGY

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

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

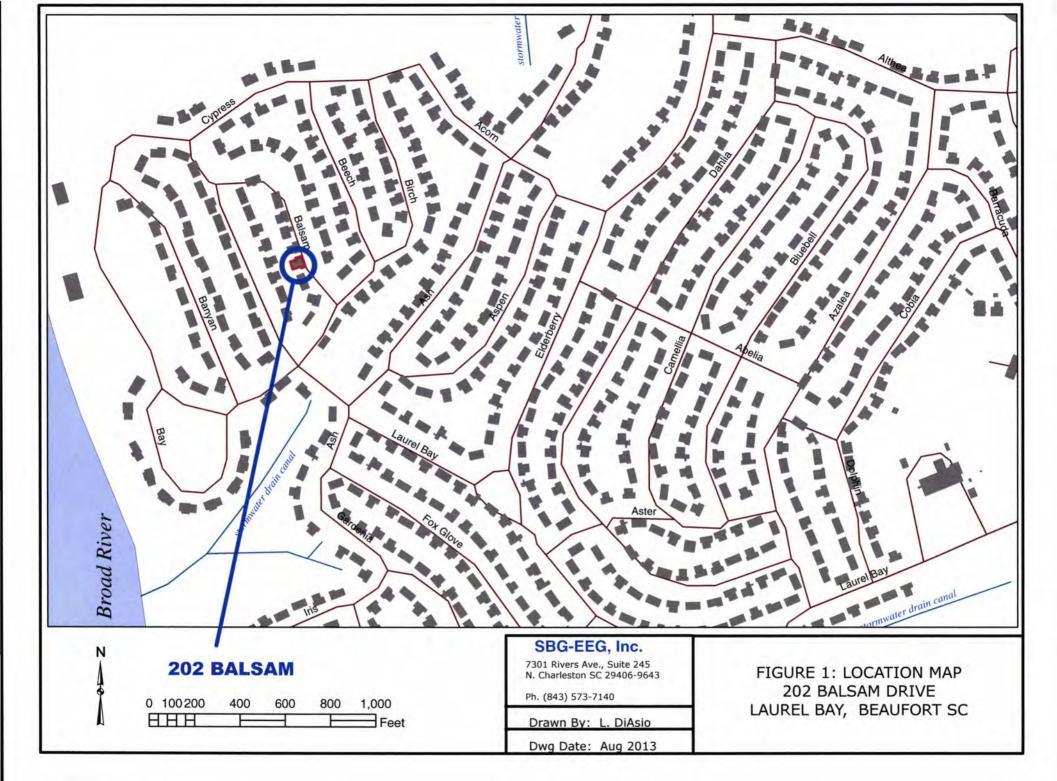
XII. RECEPTORS

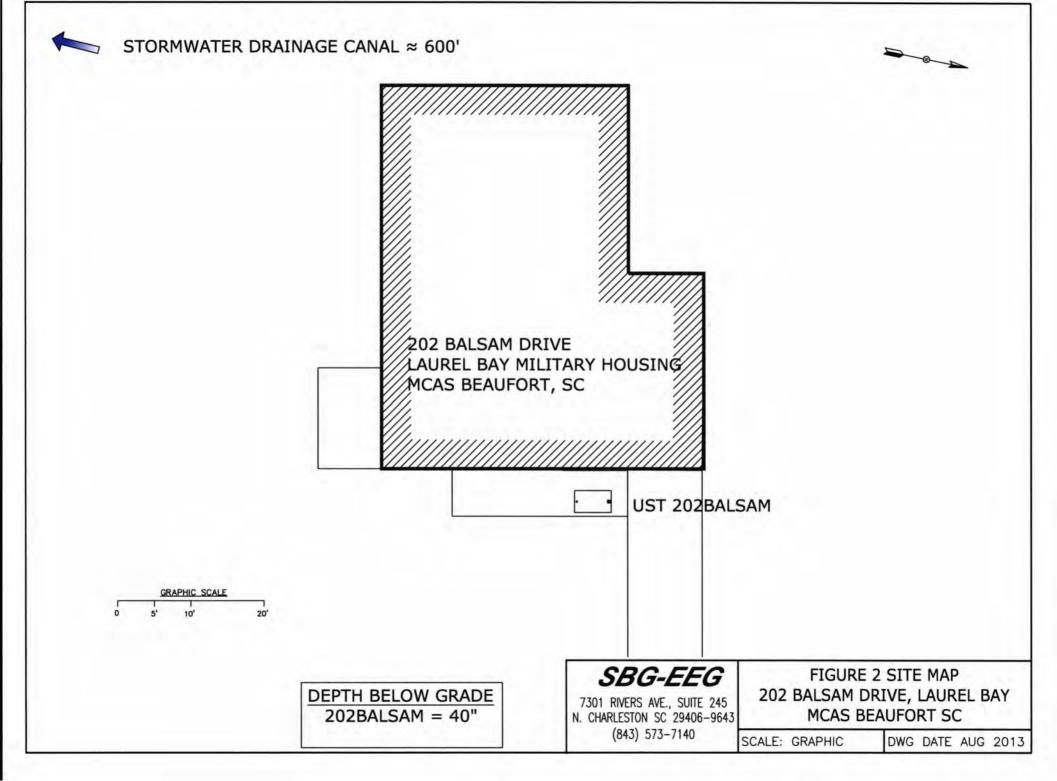
		Yes	No
Α.	Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system? *Stormwater	*X	J
	If yes, indicate type of receptor, distance, and direction on site map.		
B.	Are there any public, private, or irrigation water supply wells within 1000 feet of the UST system?		Х
	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.	*X	
	cable, fiber optic & of If yes, indicate the type of utility, distance, and direction on the site map.	100	rmal
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
	If yes, indicate the area of contaminated soil on the site map.		

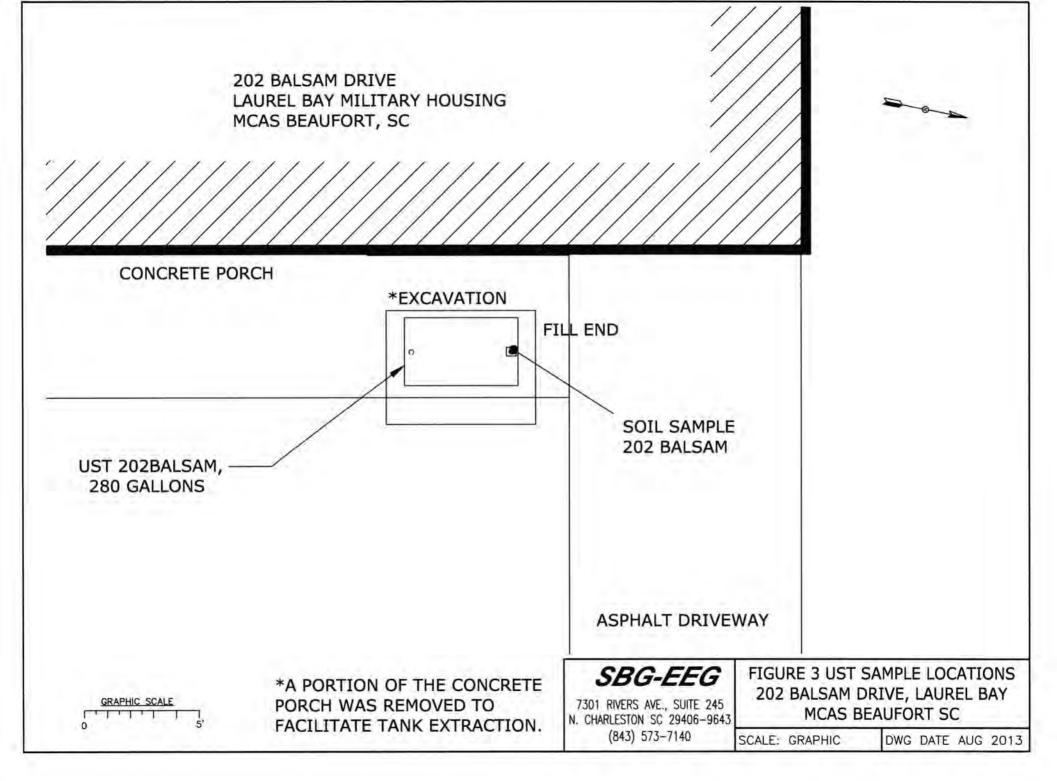
XIII. SITE MAP

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: Location of UST 202Balsam.



Picture 2: UST 202Balsam excavation.

XIV. SUMMARY OF ANALYSIS RESULTS

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

CoC UST	202Balsam				
Benzene	ND				
Toluene	ND				- 1
Ethylbenzene	ND				
Xylenes	ND				
Naphthalene	ND				
Benzo (a) anthracene	ND				
Benzo (b) fluoranthene	ND				
Benzo (k) fluoranthene	ND	(3 7 2	
Chrysene	ND				
Dibenz (a, h) anthracene	ND	11	-1		
TPH (EPA 3550)					
CoC					
Benzene					
Toluene				1 4	
Ethylbenzene				(3)	
Xylenes					
Naphthalene					
Benzo (a) anthracene					
Benzo (b) fluoranthene					
Benzo (k) fluoranthene					
Chrysene					
Dibenz (a, h) anthracene					
TPH (EPA 3550)			17		

SUMMARY OF ANALYSIS RESULTS (cont'd)

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

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

XV. ANALYTICAL RESULTS

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

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



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THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville 2960 Foster Creighton Drive Nashville, TN 37204 Tel: (615)726-0177

TestAmerica Job ID: 490-31456-1

Client Project/Site: Laurel Bay Housing Project

For

Small Business Group Inc. 10179 Highway 78 Ladson, South Carolina 29456

Attn: Tom McElwee

Authorized for release by: 8/2/2013 1:40:04 PM

Kuth Hay

Ken Hayes, Project Manager I ken.hayes@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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61

12

Client: Small Business Group Inc. Project/Site: Laurel Bay Housing Project

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Sample Summary

Client: Small Business Group Inc. Project/Site: Laurel Bay Housing Project TestAmerica Job ID: 490-31456-1

2

in a second	2012/02/03/20			
Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-31456-1	342 Ash-2	Solid	07/15/13 15:30	07/23/13 08:15
490-31456-2	145 Laurel Bay	Solid	07/16/13 14:00	07/23/13 08:15
490-31456-3	208 Balsam	Solid	07/17/13 14:15	07/23/13 08:15
490-31456-4	202 Balsam	Solid	07/18/13 14:15	07/23/13 08:15

4

12

0

1

9

10

12

Case Narrative

Client: Small Business Group Inc. Project/Site: Laurel Bay Housing Project TestAmerica Job ID: 490-31456-1

Job ID: 490-31456-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative 490-31456-1

Comments

No additional comments.

Receipt

The samples were received on 7/23/2013 8:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.7° C.

GC/MS VOA

Method(s) 8260B: Due to sample matrix effect on the internal standard (ISTD), a dilution was required for the following sample(s): 342 Ash-2 (490-31456-1).

Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits: 342 Ash-2 (490-31456-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 95239.

Method(s) 8260B: The following sample(s) was diluted due to the nature of the sample matrix: 342 Ash-2 (490-31456-1). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270D: Matrix spikes for batch 94906 could not be recovered due to sample matrix interferences and failing internal standards. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8270D: Surrogate recovery for the following sample(s) was outside control limits: 342 Ash-2 (490-31456-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

TestAmerica Nashville 8/2/2013

Definitions/Glossary

Client: Small Business Group Inc. Project/Site: Laurel Bay Housing Project TestAmerica Job ID: 490-31456-1

Z

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description

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

Not detected at the reporting limit (or MDL or EDL if shown)

Relative Percent Difference, a measure of the relative difference between two points

Reporting Limit or Requested Limit (Radiochemistry)

Practical Quantitation Limit

Toxicity Equivalent Factor (Dioxin)

Toxicity Equivalent Quotient (Dioxin)

Quality Control

Relative error ratio

GC/MS Semi VOA

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

Glossary

ND

PQL

QC

RER

RL

RPD

TEF

TEQ

Abbreviation	These commonly used abbreviations may or may not be present in this report.	
п	Listed under the "D" column to designate that the result is reported on a dry weight basis	
%R	Percent Recovery	
CNF	Contains no Free Liquid	
DER	Duplicate error ratio (normalized absolute difference)	
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample	
DLC	Decision level concentration	
MDA	Minimum detectable activity	
EDL	Estimated Detection Limit	1
MDC	Minimum detectable concentration	
MDL	Method Detection Limit	
ML	Minimum Level (Dioxin)	
NC	Not Calculated	

Client Sample Results

Client: Small Business Group Inc. Project/Site: Laurel Bay Housing Project TestAmerica Job ID: 490-31456-1

Client Sample ID: 342 Ash-2

Date Collected: 07/15/13 15:30 Date Received: 07/23/13 08:15

Percent Solids

Lab Sample ID: 490-31456-1

Matrix: Solid Percent Solids: 72.3

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Method: 8260B - Volatile Orga Analyte	The second secon	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0883	0.0300	mg/Kg	122	07/23/13 14:57	07/25/13 17:12	1
Ethylbenzene	0.200		0.0883	0.0300	mg/Kg	II	07/23/13 14:57	07/25/13 17:12	1
Naphthalene	2.14		0.221	0.0751	mg/Kg	n	07/23/13 14:57	07/25/13 17:12	1
Toluene	ND		0.0883	0.0327	mg/Kg	D	07/23/13 14:57	07/25/13 17:12	1
Xylenes, Total	ND		0.221	0.0300	mg/Kg	u	07/23/13 14:57	07/25/13 17:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 130				07/23/13 14:57	07/25/13 17:12	1
4-Bromofluorobenzene (Surr)	91		70 - 130				07/23/13 14:57	07/25/13 17:12	1



0,1		10-100				01120110 11.01	OTTEGETO TT.TE	
97		70 - 130				07/23/13 14:57	07/25/13 17:12	1
96		70 - 130				07/23/13 14:57	07/25/13 17:12	1
rganic Compou	nds (GC/MS	S)						
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2.67		0.0925	0.0138	mg/Kg	22	07/24/13 09:08	07/25/13 19:43	1
ND		0.0925	0.0124	mg/Kg	105	07/24/13 09:08	07/25/13 19:43	1
0.928		0.0925	0.0124	mg/Kg	n	07/24/13 09:08	07/25/13 19:43	1
0.578		0.0925	0.0207	mg/Kg	335	07/24/13 09:08	07/25/13 19:43	1
0.248		0.0925	0.0166	mg/Kg	Ø	07/24/13 09:08	07/25/13 19:43	1
0.442		0.0925	0.0166	mg/Kg	12	07/24/13 09:08	07/25/13 19:43	1
0.0836	J	0.0925	0.0124	mg/Kg	13	07/24/13 09:08	07/25/13 19:43	1
0.159		0.0925	0.0193	mg/Kg	10	07/24/13 09:08	07/25/13 19:43	1
44.3		2.31	0.483	mg/Kg	n	07/24/13 09:08	07/26/13 19:18	25
1.32		0.0925	0.0166	mg/Kg	D	07/24/13 09:08	07/25/13 19:43	1
11.7		0.462	0.0621	mg/Kg	325	07/24/13 09:08	07/26/13 18:51	5
0.407		0.0925	0.0124	mg/Kg	TI.	07/24/13 09:08	07/25/13 19:43	1
ND		0.0925	0.00966	mg/Kg	30	07/24/13 09:08	07/25/13 19:43	1
1.76		0.0925	0.0124	mg/Kg	32	07/24/13 09:08	07/25/13 19:43	1
5.71		0.462	0.0828	mg/Kg	a	07/24/13 09:08	07/26/13 18:51	5
0.0800	J	0.0925	0.0138	mg/Kg	13	07/24/13 09:08	07/25/13 19:43	1
16.7		0.462	0.0621	mg/Kg	13	07/24/13 09:08	07/26/13 18:51	5
73.2		2.31	0.552	mg/Kg	ä	07/24/13 09:08	07/26/13 19:18	25
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
54		29 - 120				07/24/13 09:08	07/25/13 19:43	1
57		13 - 120				07/24/13 09:08	07/25/13 19:43	1
98		27 - 120				07/24/13 09:08	07/25/13 19:43	1
Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	96 rganic Compour Result 2.67 ND 0.928 0.578 0.248 0.442 0.0836 0.159 44.3 1.32 11.7 0.407 ND 1.76 5.71 0.0800 16.7 73.2 %Recovery 54 57 98	rganic Compounds (GC/MS Result Qualifier 2.67 ND 0.928 0.578 0.248 0.442 0.0836 J 0.159 44.3 1.32 11.7 0.407 ND 1.76 5.71 0.0800 J 16.7 73.2 %Recovery Qualifier 54 57	rganic Compounds (GC/MS) Result Qualifier RL 2.67 0.0925 ND 0.0925 0.928 0.0925 0.578 0.0925 0.248 0.0925 0.442 0.0925 0.0836 J 0.0925 0.159 0.0925 44.3 2.31 1.32 0.0925 11.7 0.462 0.407 0.0925 11.7 0.462 0.407 0.0925 1.76 0.0925 5.71 0.462 0.0800 J 0.0925 1.76 0.0925 1.76 0.0925 1.77 0.462 0.0800 J 0.0925 1.78 0.462 0.0800 J 0.0925 1.79 0.462 0.0800 J 0.0925 1.79 0.462 0.73.2 2.31 **Recovery Qualifier Limits 54 29 . 120 57 13 . 120 98 27 . 120	rganic Compounds (GC/MS) Result Qualifier RL MDL 2.67 0.0925 0.0138 ND 0.0925 0.0124 0.928 0.0925 0.0207 0.248 0.0925 0.0166 0.442 0.0925 0.0166 0.0836 J 0.0925 0.0124 0.159 0.0925 0.0193 44.3 2.31 0.483 1.32 0.0925 0.0166 11.7 0.462 0.0621 0.407 0.0925 0.0124 ND 0.0925 0.0124 ND 0.0925 0.0124 5.71 0.462 0.0621 5.71 0.462 0.0828 0.0800 J 0.0925 0.0138 16.7 0.462 0.0828 0.0800 J 0.0925 0.0138 16.7 0.462 0.0621 73.2 2.31 0.552 **Recovery Qualifier Limits 54 29 . 120 57 13 . 120 98 27 . 120	rganic Compounds (GC/MS) Result Qualifier 2.67 ND 0.0925 0.0138 mg/Kg 0.928 0.0925 0.0124 mg/Kg 0.578 0.0925 0.0126 mg/Kg 0.248 0.0925 0.0166 mg/Kg 0.442 0.0925 0.0166 mg/Kg 0.159 0.0925 0.0124 mg/Kg 0.159 0.0925 0.0166 mg/Kg 0.159 0.0925 0.0166 mg/Kg 1.32 0.0925 0.0193 mg/Kg 44.3 2.31 0.483 mg/Kg 1.32 0.0925 0.0166 mg/Kg 0.407 0.0925 0.0166 mg/Kg 11.7 0.462 0.0621 mg/Kg 0.407 0.0925 0.0124 mg/Kg 0.0828 mg/Kg 1.76 0.0925 0.0138 mg/Kg 1.76 0.0800 J 0.0925 0.0138 mg/Kg 1.73.2 2.31 0.552 mg/Kg %Recovery Qualifier Limits 54 29 - 120 57 13 - 120 98 27 - 120	rganic Compounds (GC/MS) Result Qualifier RL MDL Unit D 2.67 0.0925 0.0138 mg/Kg ND 0.0925 0.0124 mg/Kg 0.928 0.0925 0.0124 mg/Kg 0.578 0.0925 0.0207 mg/Kg 0.248 0.0925 0.0166 mg/Kg 0.0442 0.0925 0.0166 mg/Kg 0.159 0.0925 0.0124 mg/Kg 44.3 2.31 0.483 mg/Kg 1.32 0.0925 0.0166 mg/Kg 11.7 0.462 0.0621 mg/Kg ND 0.0925 0.0124 mg/Kg 11.7 0.462 0.0621 mg/Kg ND 0.0925 0.0124 mg/Kg 1.76 0.0925 0.0124 mg/Kg 30 0.0800 J 0.0925 0.0124 mg/Kg 31 0.0800 J 0.0925 0.0124 mg/Kg 32 0.0828 mg/Kg 33 0.0800 J 0.0925 0.0138 mg/Kg 34 0.0800 J 0.0925 0.0138 mg/Kg 35 0.0800 J 0.0925 0.0138 mg/Kg 36 0.0800 J 0.0925 0.0138 mg/Kg 37 0.0800 J 0.0925 0.0138 mg/Kg 38 0.0800 J 0.552 mg/Kg 39 0.0800 J 0.552 mg/Kg 30 0.552 mg/Kg 30 0.552 mg/Kg	rganic Compounds (GC/MS) Result Qualifier RL MDL Unit D Prepared 2.67 0.0925 0.0138 mg/Kg 07/24/13 09:08 ND 0.0925 0.0124 mg/Kg 07/24/13 09:08 0.928 0.0925 0.0124 mg/Kg 07/24/13 09:08 0.578 0.0925 0.0027 mg/Kg 07/24/13 09:08 0.248 0.0925 0.0166 mg/Kg 07/24/13 09:08 0.0442 0.0925 0.0166 mg/Kg 07/24/13 09:08 0.0836 J 0.0925 0.0124 mg/Kg 07/24/13 09:08 0.159 0.0925 0.0193 mg/Kg 07/24/13 09:08 44.3 2.31 0.483 mg/Kg 07/24/13 09:08 1.32 0.0925 0.0166 mg/Kg 07/24/13 09:08 1.34 0.462 0.0621 mg/Kg 07/24/13 09:08 0.0407 0.0925 0.0124 mg/Kg 07/24/13 09:08 0.0407 0.0925 0.0124 mg/Kg 07/24/13 09:08 1.76 0.0925 0.0138 mg/Kg 07/24/13 09:08 1.76 0.0925 0.0138 mg/Kg 07/24/13 09:08 1.77 0.462 0.0621 mg/Kg 07/24/13 09:08 1.78 0.0925 0.0925 0.0926 mg/Kg 07/24/13 09:08 1.77 0.462 0.0621 mg/Kg 07/24/13 09:08 1.78 0.0925 0.0926 mg/Kg 07/24/13 09:08 1.78 0.0925 0.0926 mg/Kg 07/24/13 09:08	rganic Compounds (GC/MS) Result Qualifier RL MDL Unit D Prepared Analyzed 2.67 0.0925 0.0138 mg/Kg 07/24/13 09:08 07/25/13 19:43 0.928 0.0925 0.0124 mg/Kg 07/24/13 09:08 07/25/13 19:43 0.578 0.0925 0.0027 mg/Kg 07/24/13 09:08 07/25/13 19:43 0.248 0.0925 0.0166 mg/Kg 07/24/13 09:08 07/25/13 19:43 0.442 0.0925 0.0166 mg/Kg 07/24/13 09:08 07/25/13 19:43 0.0836 J 0.0925 0.0166 mg/Kg 07/24/13 09:08 07/25/13 19:43 0.159 0.0925 0.0166 mg/Kg 07/24/13 09:08 07/25/13 19:43 0.159 0.0925 0.0193 mg/Kg 07/24/13 09:08 07/25/13 19:43 0.159 0.0925 0.0193 mg/Kg 07/24/13 09:08 07/25/13 19:43 0.159 0.0925 0.0193 mg/Kg 07/24/13 09:08 07/25/13 19:43 0.159 0.0925 0.0166 mg/Kg 07/24/13 09:08 07/25/13 19:43 0.159 0.0925 0.0166 mg/Kg 07/24/13 09:08 07/25/13 19:43 0.159 0.0925 0.0166 mg/Kg 07/24/13 09:08 07/24/13 09:08 07/25/13 19:43 0.159 0.0925 0.0166 mg/Kg 07/24/13 09:08 07/24/13 09:08 07/25/13 19:43 0.407 0.0925 0.0166 mg/Kg 07/24/13 09:08 07/26/13 19:18 0.407 0.0925 0.0124 mg/Kg 07/24/13 09:08 07/26/13 19:43 0.407 0.0925 0.00966 mg/Kg 07/24/13 09:08 07/25/13 19:43 0.766 0.0800 07/25/13 19:43 0.766 0.0800 07/25/13 19:43 0.766 0.0800 07/25/13 19:43 0.766 0.0800 07/25/13 19:43 0.766 0.766/13 18:51 0.767 0.766/13 18:51 0.767 0.766/13 18:51 0.767 0.766/13 19:43

07/23/13 15:21

0.10

0.10 %

Client Sample Results

Client: Small Business Group Inc. Project/Site: Laurel Bay Housing Project TestAmerica Job ID: 490-31456-1

2

Client Sample ID: 145 Laurel Bay

Date Collected: 07/16/13 14:00 Date Received: 07/23/13 08:15

General Chemistry

Analyte

Percent Solids

Lab Sample ID: 490-31456-2

Matrix: Solid

Percent Solids: 77.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00224	0.000749	mg/Kg	n	07/23/13 14:59	07/25/13 16:13	1
Ethylbenzene	ND		0.00224	0.000749	mg/Kg	n	07/23/13 14:59	07/25/13 16:13	1
Naphthalene	ND		0.00559	0.00190	mg/Kg	n	07/23/13 14:59	07/25/13 16:13	1
Toluene	ND		0.00224	0.000827	mg/Kg	22	07/23/13 14:59	07/25/13 16:13	1
Xylenes, Total	ND		0.00559	0.000749	mg/Kg	n	07/23/13 14:59	07/25/13 16:13	1

1	

Ayleries, Total	ND	0.00555	0.000145 mg/kg	01120110 14.00	01/20/10 10:10	
Surrogate	%Recovery Qualific	er Limits		Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98	70 - 130		07/23/13 14:59	07/25/13 16:13	1
4-Bromofluorobenzene (Surr)	95	70 - 130		07/23/13 14:59	07/25/13 16:13	1
Dibromofluoromethane (Surr)	100	70 - 130		07/23/13 14:59	07/25/13 16:13	1
Toluene-d8 (Surr)	98	70 - 130		07/23/13 14:59	07/25/13 16:13	1



C	
1	12
1	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0856	0.0128	mg/Kg	TI.	07/24/13 09:08	07/25/13 21:07	1
Acenaphthylene	ND		0.0856	0.0115	mg/Kg	D.	07/24/13 09:08	07/25/13 21:07	1
Anthracene	ND		0.0856	0.0115	mg/Kg	505	07/24/13 09:08	07/25/13 21:07	1
Benzo[a]anthracene	ND		0.0856	0.0192	mg/Kg	23	07/24/13 09:08	07/25/13 21:07	1
Benzo[a]pyrene	ND		0.0856	0.0153	mg/Kg	101	07/24/13 09:08	07/25/13 21:07	1
Benzo[b]fluoranthene	ND		0.0856	0.0153	mg/Kg	n	07/24/13 09:08	07/25/13 21:07	1
Benzo[g,h,i]perylene	ND		0.0856	0.0115	mg/Kg	n	07/24/13 09:08	07/25/13 21:07	1
Benzo[k]fluoranthene	ND		0.0856	0.0179	mg/Kg	B	07/24/13 09:08	07/25/13 21:07	1
1-Methylnaphthalene	ND		0.0856	0.0179	mg/Kg	n	07/24/13 09:08	07/25/13 21:07	1
Pyrene	ND		0.0856	0.0153	mg/Kg	Ø	07/24/13 09:08	07/25/13 21:07	1
Phenanthrene	ND		0.0856	0.0115	mg/Kg	n	07/24/13 09:08	07/25/13 21:07	1
Chrysene	ND		0.0856	0.0115	mg/Kg	D	07/24/13 09:08	07/25/13 21:07	1
Dibenz(a,h)anthracene	ND		0.0856	0.00894	mg/Kg	n	07/24/13 09:08	07/25/13 21:07	1
Fluoranthene	ND		0.0856	0.0115	mg/Kg	O	07/24/13 09:08	07/25/13 21:07	1
Fluorene	ND		0.0856	0.0153	mg/Kg	EF	07/24/13 09:08	07/25/13 21:07	1
Indeno[1,2,3-cd]pyrene	ND		0.0856	0.0128	mg/Kg	n	07/24/13 09:08	07/25/13 21:07	1
Naphthalene	ND		0.0856	0.0115	mg/Kg	D	07/24/13 09:08	07/25/13 21:07	1
2-Methylnaphthalene	0.0473	J	0.0856	0.0204	mg/Kg	E	07/24/13 09:08	07/25/13 21:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	38		29 - 120				07/24/13 09:08	07/25/13 21:07	1
Terphenyl-d14 (Surr)	30		13 - 120				07/24/13 09:08	07/25/13 21:07	1
Nitrobenzene-d5 (Surr)	43		27 - 120				07/24/13 09:08	07/25/13 21:07	1

RL

0.10

RL Unit

0.10 %

Prepared

Analyzed

07/23/13 15:21

Dil Fac

Result Qualifier

77

Client Sample Results

Client: Small Business Group Inc. Project/Site: Laurel Bay Housing Project TestAmerica Job ID: 490-31456-1

Client Sample ID: 208 Balsam

Date Collected: 07/17/13 14:15 Date Received: 07/23/13 08:15 Lab Sample ID: 490-31456-3

Matrix: Solid

Percent Solids: 77.8

6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00234	0.000785	mg/Kg	33	07/23/13 14:59	07/24/13 21:23	1
Ethylbenzene	ND		0.00234	0.000785	mg/Kg	32	07/23/13 14:59	07/24/13 21:23	1
Naphthalene	0.00529	J	0.00586	0.00199	mg/Kg	n	07/23/13 14:59	07/24/13 21:23	1
Toluene	ND		0.00234	0.000867	mg/Kg	n	07/23/13 14:59	07/24/13 21:23	1
Xylenes, Total	ND		0.00586	0.000785	mg/Kg	Ø	07/23/13 14:59	07/24/13 21:23	1

Surrogate	%Recovery Qu	ualifier Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87	70 - 130	07/23/13 14:59	07/24/13 21:23	1
4-Bromofluorobenzene (Surr)	97	70 - 130	07/23/13 14:59	07/24/13 21:23	1
Dibromofluoromethane (Surr)	93	70 - 130	07/23/13 14:59	07/24/13 21:23	1
Toluene-d8 (Surr)	98	70 - 130	07/23/13 14:59	07/24/13 21:23	1

4-Bromofluorobenzene (Surr)	97		70 - 130				07/23/13 14:59	07/24/13 21:23	1
Dibromofluoromethane (Surr)	93		70 - 130				07/23/13 14:59	07/24/13 21:23	1
Toluene-d8 (Surr)	98		70 - 130				07/23/13 14:59	07/24/13 21:23	1
Method: 8270D - Semivolatile O	rganic Compou	inds (GC/MS	3)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0841	0.0126	mg/Kg	D	07/24/13 09:08	07/25/13 21:35	1
Acenaphthylene	ND		0.0841	0.0113	mg/Kg	133	07/24/13 09:08	07/25/13 21:35	1
Anthracene	ND		0.0841	0.0113	mg/Kg	in in	07/24/13 09:08	07/25/13 21:35	1
Benzo[a]anthracene	ND		0.0841	0.0188	mg/Kg	23	07/24/13 09:08	07/25/13 21:35	1
Benzo[a]pyrene	ND		0.0841	0.0151	mg/Kg	22	07/24/13 09:08	07/25/13 21:35	-1
Benzo[b]fluoranthene	ND		0.0841	0.0151	mg/Kg	12	07/24/13 09:08	07/25/13 21:35	1
Benzo[g,h,i]perylene	ND		0.0841	0.0113	mg/Kg	12	07/24/13 09:08	07/25/13 21:35	1

Benzo[a]pyrene	ND	0.0841	0.0151	mg/Kg	125	07/24/13 09:08	07/25/13 21:35	-1
Benzo[b]fluoranthene	ND	0.0841	0.0151	mg/Kg	12	07/24/13 09:08	07/25/13 21:35	1
Benzo[g,h,i]perylene	ND	0.0841	0.0113	mg/Kg	E	07/24/13 09:08	07/25/13 21:35	1
Benzo[k]fluoranthene	ND .	0.0841	0.0176	mg/Kg	122	07/24/13 09:08	07/25/13 21:35	1
1-Methylnaphthalene	ND	0.0841	0.0176	mg/Kg	12	07/24/13 09:08	07/25/13 21:35	1
Pyrene	ND	0.0841	0.0151	mg/Kg	- 11	07/24/13 09:08	07/25/13 21:35	1
Phenanthrene	ND	0.0841	0.0113	mg/Kg	D	07/24/13 09:08	07/25/13 21:35	1
Chrysene	ND	0.0841	0.0113	mg/Kg	n	07/24/13 09:08	07/25/13 21:35	1
Dibenz(a,h)anthracene	ND	0.0841	0.00879	mg/Kg	Ø	07/24/13 09:08	07/25/13 21:35	1
Fluoranthene	ND	0.0841	0.0113	mg/Kg	in.	07/24/13 09:08	07/25/13 21:35	1
Fluorene	ND	0.0841	0.0151	mg/Kg	a	07/24/13 09:08	07/25/13 21:35	1
Indeno[1,2,3-cd]pyrene	ND	0.0841	0.0126	mg/Kg	ti.	07/24/13 09:08	07/25/13 21:35	1
Naphthalene	ND	0.0841	0.0113	mg/Kg	E	07/24/13 09:08	07/25/13 21:35	1
2-Methylnaphthalene	ND	0.0841	0.0201	mg/Kg	O	07/24/13 09:08	07/25/13 21:35	1
Surrogate	%Recovery Qualifier	Limite				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	56		29 - 120				07/24/13 09:08	07/25/13 21:35	1
Terphenyl-d14 (Surr)	73		13 - 120				07/24/13 09:08	07/25/13 21:35	1
Nitrobenzene-d5 (Surr)	52		27 - 120				07/24/13 09:08	07/25/13 21:35	1
General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	78		0.10	0.10	%			07/23/13 15:21	1

Client Sample Results

Client: Small Business Group Inc.

TestAmerica Job ID: 490-31456-1

Lab Sample ID: 490-31456-4

Matrix: Solid

Percent Solids: 85.7

Project/Site:	Laurel	Bay	Housing	Project

Client Sample ID: 202 Balsam Date Collected: 07/18/13 14:15

Analyte

Percent Solids

Date Received: 07/23/13 08:15

Method: 8260B - Volatile Orga Analyte	the state of the s	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00242	0.000812	mg/Kg	žž.	07/23/13 14:59	07/24/13 21:52	1
Ethylbenzene	ND		0.00242	0.000812	mg/Kg	D	07/23/13 14:59	07/24/13 21:52	1
Naphthalene	ND		0.00606	0.00206	mg/Kg	23	07/23/13 14:59	07/24/13 21:52	1
Toluene	ND		0.00242	0.000897	mg/Kg	Ø	07/23/13 14:59	07/24/13 21:52	1
Xylenes, Total	ND		0.00606	0.000812	mg/Kg	Ď	07/23/13 14:59	07/24/13 21:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 130				07/23/13 14:59	07/24/13 21:52	1
4-Bromofluorobenzene (Surr)	103		70 - 130				07/23/13 14:59	07/24/13 21:52	1
Dibromofluoromethane (Surr)	97		70 - 130				07/23/13 14:59	07/24/13 21:52	1
Toluene-d8 (Surr)	98		70 - 130				07/23/13 14:59	07/24/13 21:52	1
Method: 8270D - Semivolatile	The second secon	nds (GC/MS)	RL	MDI	Unit	D	Prepared	Applyand	Dil Fac
	0.0899	Qualifier	0.0759		mg/Kg	n	07/24/13 09:08	Analyzed 07/26/13 16:58	Dil Fac
Acenaphthene Acenaphthylene	0.0899 ND		0.0759		mg/Kg	n	07/24/13 09:08	07/26/13 16:58	1
Anthracene	ND		0.0759		mg/Kg	13	07/24/13 09:08	07/26/13 16:58	1
Benzo[a]anthracene	ND		0.0759		mg/Kg	12	07/24/13 09:08		1
	ND		0.0759			EI .		07/26/13 16:58	1
Benzo[a]pyrene	ND		0.0759		mg/Kg	DZ.	07/24/13 09:08	07/26/13 16:58	1
Benzo[b]fluoranthene	ND		0.0759		mg/Kg mg/Kg	DI .	07/24/13 09:08 07/24/13 09:08	07/26/13 16:58 07/26/13 16:58	1
Benzo[g,h,i]perylene	ND				mg/Kg	b			1
Benzo[k]fluoranthene			0.0759 0.0759			b	07/24/13 09:08	07/26/13 16:58 07/26/13 16:58	1
1-Methylnaphthalene	0.205 ND		0.0759	0.0159		0	07/24/13 09:08		
Pyrene				0.0136	2000	2	07/24/13 09:08	07/26/13 16:58	1
Phenanthrene	ND ND		0.0759	0.0102		D	07/24/13 09:08	07/26/13 16:58	1
Chrysene Dibagga hanthrases	ND		0.0759	0.0102	mg/Kg	DE .	07/24/13 09:08	07/26/13 16:58	- 1
Dibenz(a,h)anthracene Fluoranthene	ND		0.0759	0.00793	mg/Kg	D	07/24/13 09:08 07/24/13 09:08	07/26/13 16:58 07/26/13 16:58	1
Fluorene	ND		0.0759		mg/Kg	D			1
	ND			0.0136	mg/Kg	100	07/24/13 09:08	07/26/13 16:58	
Indeno[1,2,3-cd]pyrene	ND ND		0.0759		mg/Kg	n	07/24/13 09:08	07/26/13 16:58	1
Naphthalene 2-Methylnaphthalene	ND		0.0759 0.0759	0.0102		a	07/24/13 09:08 07/24/13 09:08	07/26/13 16:58 07/26/13 16:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	35	3,3411,41	29 - 120				07/24/13 09:08	07/26/13 16:58	1
Terphenyl-d14 (Surr)	32		13 - 120				07/24/13 09:08	07/26/13 16:58	1
Nitrobenzene-d5 (Surr)	32		27 - 120				07/24/13 09:08	07/26/13 16:58	1
General Chemistry									
		A						1.000	E. E.

Analyzed

07/23/13 15:21

Dil Fac

RL

0.10

RL Unit

0.10 %

Prepared

Result Qualifier

86

Client: Small Business Group Inc. Project/Site: Laurel Bay Housing Project TestAmerica Job ID: 490-31456-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: 490-31306-C-2-D MS

Matrix: Solid

Analysis Batch: 94987

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 94750

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	ND		0.0527	0.05033		mg/Kg	X	95	31 - 143	
Ethylbenzene	ND		0.0527	0.04665		mg/Kg	30	88	23 - 161	
Naphthalene	ND		0.0527	0.04927		mg/Kg	12	93	10 - 176	
Toluene	ND		0.0527	0.04721		mg/Kg	n	90	30 - 155	
Xylenes, Total	ND		0.158	0.1409		mg/Kg	100	89	25 - 162	

Limits

70 - 130

70 - 130

70 - 130

70 - 130

Spike

Added

0.0501

0.0501

0.0501

0.0501

0.150

MSD MSD

0.04632

0.04260

0.04675

0.04325

0.1282

Result Qualifier

Unit

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

Lab Sample ID: 490-31306-C-2-E MSD

Matrix: Solid

Analyte

Benzene

Toluene

Ethylbenzene

Naphthalene

Xylenes, Total

Toluene-d8 (Sum)

Surrogate

Analysis Batch: 94987

1,2-Dichloroethane-d4 (Surr)

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA

30 - 155

25 - 162

%Rec

92

85

93

86

85

D 33

D

D

Prep Batch: 94750

9

50

50

%Rec.		RPD	
Limits	RPD	Limit	
31 - 143	8	50	
23 - 161	9	50	
10 - 176	5	50	

MSD MSD

MS MS Qualifier

93

91

99

97

Sample Sample

ND

ND

ND

ND

ND

Result Qualifier

%Recovery

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 130
4-Bromofluorobenzene (Surr)	92		70 - 130
Dibromofluoromethane (Surr)	100		70 - 130
Toluene-d8 (Surr)	96		70 - 130

Client Sample ID: Method Blank

Prep Type: Total/NA

Lab Sample ID: MB 490-94987/6 Matrix: Solid

Analysis Batch: 94987

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00200	0.000670	mg/Kg			07/24/13 14:35	1
Ethylbenzene	ND		0.00200	0.000670	mg/Kg			07/24/13 14:35	1
Naphthalene	ND		0.00500	0.00170	mg/Kg			07/24/13 14:35	1
Toluene	ND		0.00200	0.000740	mg/Kg			07/24/13 14:35	1
Xylenes, Total	ND		0.00500	0.000670	mg/Kg			07/24/13 14:35	1
		4.4							

	,,,,	111.00				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 130		07/24/13 14:35	1
4-Bromofluorobenzene (Surr)	94		70 - 130		07/24/13 14:35	1
Dibromofluoromethane (Surr)	106		70 - 130		07/24/13 14:35	1
Toluene-d8 (Surr)	97		70 - 130		07/24/13 14:35	1

Client: Small Business Group Inc. Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-31456-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-94987/3

Matrix: Solid

Analysis Batch: 94987

Client	Sample	ID:	Lab Control Sar	nple
			Prep Type: Tota	I/NA

	Spine	LUU	LOG				/orvec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.0500	0.04676		mg/Kg		94	75 - 127	
Ethylbenzene	0.0500	0.04163		mg/Kg		83	80 - 134	
Naphthalene	0.0500	0.04471		mg/Kg		89	69 - 150	
Toluene	0.0500	0.04321		mg/Kg		86	80 - 132	
Xylenes, Total	0.150	0.1268		mg/Kg		85	80 - 137	

Snike

ICS ICS

	LUS	LUG	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene (Surr)	87		70 - 130
Dibromofluoromethane (Surr)	104		70 - 130
Toluene-d8 (Surr)	96		70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Matrix: Solid Analysis Batch: 94987

Lab Sample ID: LCSD 490-94987/4

Spike LCSD LCSD %Rec. RPD RPD Analyte Added Result Qualifier Unit %Rec Limits Limit 75 - 127 3 Benzene 0.0500 0.04819 mg/Kg 96 0.0500 0.04233 mg/Kg 85 80 - 134 Ethylbenzene 69 - 150 Naphthalene 0.0500 0.04407 mg/Kg 88 1 80 - 132 0.0500 0.04338 mg/Kg 87 0 50 Toluene Xylenes, Total 0.150 0.1291 mg/Kg 80 - 137 2 50

50 50 50

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101	7	70 - 130
4-Bromofluorobenzene (Surr)	87		70 - 130
Dibromofluoromethane (Surr)	105		70 - 130
Toluene-d8 (Surr)	95		70 - 130

Client Sample ID: Method Blank

Prep Type: Total/NA

Matrix: Solid Analysis Batch: 95239

Lab Sample ID: MB 490-95239/6

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00200	0.000670	mg/Kg			07/25/13 12:19	1
Ethylbenzene	ND		0.00200	0.000670	mg/Kg			07/25/13 12:19	1
Naphthalene	ND		0.00500	0.00170	mg/Kg			07/25/13 12:19	1
Toluene	ND		0.00200	0.000740	mg/Kg			07/25/13 12:19	1
Xylenes, Total	ND		0.00500	0.000670	mg/Kg			07/25/13 12:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		70 - 130		07/25/13 12:19	1
4-Bromofluorobenzene (Surr)	94		70 - 130		07/25/13 12:19	1
Dibromofluoromethane (Surr)	105		70 - 130		07/25/13 12:19	1
Toluene-d8 (Surr)	98		70 - 130		07/25/13 12:19	1

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Client: Small Business Group Inc. Project/Site: Laurel Bay Housing Project TestAmerica Job ID: 490-31456-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

MR MR

MB MB Qualifier

100

92

105

96

%Recovery

Lab Sample ID: MB 490-95239/7

Matrix: Solid

Analysis Batch: 95239

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.100	0.0335	mg/Kg			07/25/13 12:49	1
Ethylbenzene	ND		0.100	0.0335	mg/Kg			07/25/13 12:49	1
Naphthalene	ND		0.250	0.0850	mg/Kg			07/25/13 12:49	1
Toluene	ND		0.100	0.0370	mg/Kg			07/25/13 12:49	1
Xylenes, Total	ND		0.250	0.0335	mg/Kg			07/25/13 12:49	1

Limits

70 - 130

70 - 130

70 - 130

70 - 130

Prepared Analyzed Dil Fac 07/25/13 12:49 07/25/13 12:49 07/25/13 12:49 07/25/13 12:49

Lab Sample ID: LCS 490-95239/3

Matrix: Solid

Toluene-d8 (Surr)

Surrogate

Analysis Batch: 95239

1,2-Dichloroethane-d4 (Surr)

4-Bromofluorobenzene (Surr) Dibromofluoromethane (Surr)

> Client Sample ID: Lab Control Sample Prep Type: Total/NA

10.00	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.0500	0.04801		mg/Kg		96	75 - 127	
Ethylbenzene	0.0500	0.04306		mg/Kg		86	80 - 134	
Naphthalene	0.0500	0.04559		mg/Kg		91	69 - 150	
Toluene	0.0500	0.04432		mg/Kg		89	80 - 132	
Xylenes, Total	0.150	0.1304		mg/Kg		87	80 - 137	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene (Surr)	89		70 - 130
Dibromofluoromethane (Surr)	101		70 - 130
Toluene-d8 (Surr)	96		70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Lab Sample ID: LCSD 490-95239/4 Matrix: Solid

Analysis Batch: 95239

Analysis Baten, social	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.0500	0.04818		mg/Kg		96	75 - 127	0	50
Ethylbenzene	0.0500	0.04281		mg/Kg		86	80 - 134	1	50
Naphthalene	0.0500	0.04583		mg/Kg		92	69 - 150	1	50
Toluene	0.0500	0.04450		mg/Kg		89	80 - 132	0	50
Xylenes, Total	0.150	0.1302		mg/Kg		87	80 - 137	0	50

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 130
4-Bromofluorobenzene (Surr)	88		70 - 130
Dibromofluoromethane (Surr)	102		70 - 130
Toluene-d8 (Surr)	96		70 - 130

Client: Small Business Group Inc. Project/Site: Laurel Bay Housing Project TestAmerica Job ID: 490-31456-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-94906/1-A

Matrix: Solid

Analysis Batch: 95241

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94906

	MB M	MB						
Analyte	Result Q	Qualifier	RL MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND	0.0	0.0100	mg/Kg		07/24/13 09:08	07/25/13 18:47	1
Acenaphthylene	ND	0.0	0.00900	mg/Kg		07/24/13 09:08	07/25/13 18:47	- 1
Anthracene	ND	0.0	0.00900	mg/Kg		07/24/13 09:08	07/25/13 18:47	1
Benzo[a]anthracene	ND	0.0	0.0150	mg/Kg		07/24/13 09:08	07/25/13 18:47	1
Benzo[a]pyrene	ND	0.0	0670 0.0120	mg/Kg		07/24/13 09:08	07/25/13 18:47	1
Benzo[b]fluoranthene	ND	0.0	0.0120	mg/Kg		07/24/13 09:08	07/25/13 18:47	-1
Benzo[g,h,i]perylene	ND	0.0	0.00900	mg/Kg		07/24/13 09:08	07/25/13 18:47	1
Benzo[k]fluoranthene	ND	0.0	0.0140	mg/Kg		07/24/13 09:08	07/25/13 18:47	1
1-Methylnaphthalene	ND	0.0	0.0140	mg/Kg		07/24/13 09:08	07/25/13 18:47	1
Pyrene	ND	0.0	0.0120	mg/Kg		07/24/13 09:08	07/25/13 18:47	1
Phenanthrene	ND	0.0	0.00900	mg/Kg		07/24/13 09:08	07/25/13 18:47	1
Chrysene	ND	0.0	0.00900	mg/Kg		07/24/13 09:08	07/25/13 18:47	1
Dibenz(a,h)anthracene	ND	0.0	0.00700	mg/Kg		07/24/13 09:08	07/25/13 18:47	-1
Fluoranthene	ND	0.0	0.00900	mg/Kg		07/24/13 09:08	07/25/13 18:47	1
Fluorene	ND	0.0	0.0120	mg/Kg		07/24/13 09:08	07/25/13 18:47	1
Indeno[1,2,3-cd]pyrene	ND	0.0	0.0100	mg/Kg		07/24/13 09:08	07/25/13 18:47	1
Naphthalene	ND	0.0	0.00900	mg/Kg		07/24/13 09:08	07/25/13 18:47	1
2-Methylnaphthalene	ND	0.0	0.0160	mg/Kg		07/24/13 09:08	07/25/13 18:47	1
	MB M	MB						

Limits

29 - 120

13 - 120

27 - 120

%Recovery Qualifier

59

71

62

Lab Sample ID: LCS 490-94906/2-A

Matrix: Solid

Surrogate

Analysis Batch: 95241

2-Fluorobiphenyl (Surr)

Nitrobenzene-d5 (Surr)

Terphenyl-d14 (Surr)

Client	Sample	ID:	Lab	Control	Sample

Analyzed

07/25/13 18:47

07/25/13 18:47

07/25/13 18:47

Prepared

07/24/13 09:08

07/24/13 09:08

07/24/13 09:08

Prep Type: Total/NA Prep Batch: 94906

Dil Fac

Analysis Buton. 50247	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Acenaphthylene	1.67	1.566		mg/Kg		94	38 - 120
Anthracene	1.67	1.789		mg/Kg		107	46 - 124
Benzo[a]anthracene	1.67	1.676		mg/Kg		101	45 - 120
Benzo[a]pyrene	1.67	1.667		mg/Kg		100	45 - 120
Benzo[b]fluoranthene	1.67	1.744		mg/Kg		105	42 - 120
Benzo[g,h,i]perylene	1.67	1.696		mg/Kg		102	38 - 120
Benzo[k]fluoranthene	1.67	1.669		mg/Kg		100	42 - 120
1-Methylnaphthalene	1.67	1.479		mg/Kg		89	32 - 120
Pyrene	1.67	1.649		mg/Kg		99	43 - 120
Phenanthrene	1.67	1.722		mg/Kg		103	45 - 120
Chrysene	1.67	1.749		mg/Kg		105	43 - 120
Dibenz(a,h)anthracene	1.67	1.695		mg/Kg		102	32 - 128
Fluoranthene	1.67	1.748		mg/Kg		105	46 - 120
Fluorene	1.67	1.612		mg/Kg		97	42 - 120
Indeno[1,2,3-cd]pyrene	1.67	1.582		mg/Kg		95	41 - 121
Naphthalene	1.67	1.456		mg/Kg		87	32 - 120
2-Methylnaphthalene	1.67	1.478		mg/Kg		89	28 - 120

TestAmerica Nashville

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8/2/2013

Client: Small Business Group Inc. Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-31456-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-94906/2-A

Matrix: Solid

Analysis Batch: 95241

Client	Sample	ID:	Lab	Contro	ol Sample
			_	_	

Prep Type: Total/NA

Prep Batch: 94906

	LCS	LCS	
275		-5 17 1	ì

Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl (Surr)	71		29 - 120
Terphenyl-d14 (Surr)	84		13 - 120
Nitrobenzene-d5 (Surr)	65		27 - 120

Client Sample ID: Duplicate

Prep Type: Total/NA

Lab Sample ID: 490-31440-C-1 DU Matrix: Solid

Method: Moisture - Percent Moisture

Analysis Batch: 94800

And the second second second	Sample	Sample	DU	DU				RPD
Analyte	Result	Qualifier	Result	Qualifier	Unit	D	RPD	Limit
Percent Solids	90		89		%		1	20

QC Association Summary

Client: Small Business Group Inc. Project/Site: Laurel Bay Housing Project TestAmerica Job ID: 490-31456-1

2

GC/MS VOA

_				-
Pre	р Ва	tch:	947	50

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-31306-C-2-D MS	Matrix Spike	Total/NA	Solid	5030B	
490-31306-C-2-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5030B	

Prep Batch: 94788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-31456-1	342 Ash-2	Total/NA	Solid	5035	

Prep Batch: 94789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-31456-2	145 Laurel Bay	Total/NA	Solid	5035	
490-31456-3	208 Balsam	Total/NA	Solid	5035	
490-31456-4	202 Balsam	Total/NA	Solid	5035	

Analysis Batch: 94987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-31306-C-2-D MS	Matrix Spike	Total/NA	Solid	8260B	94750
490-31306-C-2-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	94750
490-31456-3	208 Balsam	Total/NA	Solid	8260B	94789
490-31456-4	202 Balsam	Total/NA	Solid	8260B	94789
LCS 490-94987/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-94987/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-94987/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 95239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-31456-1	342 Ash-2	Total/NA	Solid	8260B	94788
490-31456-2	145 Laurel Bay	Total/NA	Solid	8260B	94789
LCS 490-95239/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-95239/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-95239/6	Method Blank	Total/NA	Solid	8260B	
MB 490-95239/7	Method Blank	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 94906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-31456-1	342 Ash-2	Total/NA	Solid	3550C	
490-31456-2	145 Laurel Bay	Total/NA	Solid	3550C	
490-31456-3	208 Balsam	Total/NA	Solid	3550C	
490-31456-4	202 Balsam	Total/NA	Solid	3550C	
LCS 490-94906/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 490-94906/1-A	Method Blank	Total/NA	Solid	3550C	

Analysis Batch: 95241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-31456-1	342 Ash-2	Total/NA	Solid	8270D	94906
490-31456-2	145 Laurel Bay	Total/NA	Solid	8270D	94906
490-31456-3	208 Balsam	Total/NA	Solid	8270D	94906
LCS 490-94906/2-A	Lab Control Sample	Total/NA	Solid	8270D	94906
MB 490-94906/1-A	Method Blank	Total/NA	Solid	8270D	94906

TestAmerica Nashville

Page 15 of 22

8/2/2013

QC Association Summary

Client: Small Business Group Inc. Project/Site: Laurel Bay Housing Project TestAmerica Job ID: 490-31456-1

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GC/MS Semi VOA (Continued)

Analysis Batch: 95539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-31456-1	342 Ash-2	Total/NA	Solid	8270D	94906
490-31456-1	342 Ash-2	Total/NA	Solid	8270D	94906
490-31456-4	202 Balsam	Total/NA	Solid	8270D	94906

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General Chemistry

Analysis Batch: 94800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-31440-C-1 DU	Duplicate	Total/NA	Solid	Moisture	
490-31456-1	342 Ash-2	Total/NA	Solid	Moisture	
490-31456-2	145 Laurel Bay	Total/NA	Solid	Moisture	
490-31456-3	208 Balsam	Total/NA	Solid	Moisture	
490-31456-4	202 Balsam	Total/NA	Solid	Moisture	

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Lab Chronicle

Client: Small Business Group Inc. Project/Site: Laurel Bay Housing Project TestAmerica Job ID: 490-31456-1

j.

Client Sample ID: 342 Ash-2

Date Collected: 07/15/13 15:30 Date Received: 07/23/13 08:15 Lab Sample ID: 490-31456-1

Matrix: Solid

Percent Solids: 72.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
		7.00	i.caii	1 dotto				and the second second
Total/NA	Prep	5035			94788	07/23/13 14:57	RRS	TAL NSH
Total/NA	Analysis	8260B		1	95239	07/25/13 17:12	KKK	TAL NSH
Total/NA	Prep	3550C			94906	07/24/13 09:08	JLP	TAL NSH
Total/NA	Analysis	8270D		1	95241	07/25/13 19:43	JLS	TAL NSH
Total/NA	Analysis	8270D		5	95539	07/26/13 18:51	JLS	TAL NSH
Total/NA	Analysis	8270D		25	95539	07/26/13 19:18	JLS	TAL NSH
Total/NA	Analysis	Moisture		1.	94800	07/23/13 15:21	CEC	TAL NSH

Lab Sample ID: 490-31456-2

Matrix: Solid

Percent Solids: 77.2

Client Sample ID: 145 Laurel Bay

Date Collected: 07/16/13 14:00 Date Received: 07/23/13 08:15

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			94789	07/23/13 14:59	RRS	TAL NSH
Total/NA	Analysis	8260B		1	95239	07/25/13 16:13	KKK	TAL NSH
Total/NA	Prep	3550C			94906	07/24/13 09:08	JLP	TAL NSH
Total/NA	Analysis	8270D		1	95241	07/25/13 21:07	JLS	TAL NSH
Total/NA	Analysis	Moisture		1	94800	07/23/13 15:21	CEC	TAL NSH

Client Sample ID: 208 Balsam

Date Collected: 07/17/13 14:15

Date Received: 07/23/13 08:15

Lab Sample ID: 490-31456-3

Matrix: Solid

Percent Solids: 77.8

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			94789	07/23/13 14:59	RRS	TAL NSH
Total/NA	Analysis	8260B		1	94987	07/24/13 21:23	KKK	TAL NSH
Total/NA	Prep	3550C			94906	07/24/13 09:08	JLP	TAL NSH
Total/NA	Analysis	8270D		1	95241	07/25/13 21:35	JLS	TAL NSH
Total/NA	Analysis	Moisture		1	94800	07/23/13 15:21	CEC	TAL NSH

Client Sample ID: 202 Balsam

Date Collected: 07/18/13 14:15

Date Received: 07/23/13 08:15

Lab Sample ID: 490-31456-4

Matrix: Solid

Percent Solids: 85.7

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			94789	07/23/13 14:59	RRS	TAL NSH
Total/NA	Analysis	8260B		1	94987	07/24/13 21:52	KKK	TAL NSH
Total/NA	Prep	3550C			94906	07/24/13 09:08	JLP	TAL NSH
Total/NA	Analysis	8270D		1	95539	07/26/13 16:58	JLS	TAL NSH
Total/NA	Analysis	Moisture		1	94800	07/23/13 15:21	CEC	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Small Business Group Inc. Project/Site: Laurel Bay Housing Project TestAmerica Job ID: 490-31456-1

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Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL NSH
Moisture	Percent Moisture	EPA	TAL NSH

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Small Business Group Inc. Project/Site: Laurel Bay Housing Project TestAmerica Job ID: 490-31456-1

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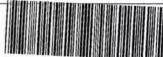
Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	ACIL		393	10-30-13
A2LA	ISO/IEC 17025		0453.07	12-31-13
Alaska (UST)	State Program	10	UST-087	07-24-14
Arizona	State Program	9	AZ0473	05-05-14
Arkansas DEQ	State Program	6	88-0737	04-25-14
California	NELAP	9	1168CA	10-31-13
Connecticut	State Program	-1	PH-0220	12-31-13
Florida	NELAP	4	E87358	06-30-14
Ilinois	NELAP	5	200010	12-09-13
owa	State Program	7	131	05-01-14
Kansas	NELAP	7	E-10229	10-31-13
Kentucky (UST)	State Program	4	19	06-30-14
Louisiana	NELAP	6	30613	06-30-14
Maryland	State Program	3	316	03-31-14
Massachusetts	State Program	1	M-TN032	06-30-14
Minnesota	NELAP	5	047-999-345	12-31-13
Mississippi	State Program	4	N/A	06-30-14
Montana (UST)	State Program	8	NA	01-01-15
Nevada	State Program	9	TN00032	07-31-13 *
New Hampshire	NELAP	1	2963	10-10-13
New Jersey	NELAP	2	TN965	06-30-14
New York	NELAP	2	11342	04-01-14
North Carolina DENR	State Program	4	387	12-31-13
North Dakota	State Program	8	R-146	06-30-14
Ohio VAP	State Program	5	CL0033	01-19-14
Oklahoma	State Program	6	9412	08-31-13
Oregon	NELAP	10	TN200001	04-29-14
Pennsylvania	NELAP	3	68-00585	06-30-14
Rhode Island	State Program	1	LAO00268	12-30-13
South Carolina	State Program	4	84009 (001)	02-28-14
South Carolina	State Program	4	84009 (002)	02-23-14
Tennessee	State Program	4	2008	02-23-14
Texas	NELAP	6	T104704077-09-TX	08-31-13
USDA	Federal		S-48469	11-02-13
Virginia	NELAP	3	460152	06-14-14
Washington	State Program	10	C789	07-19-14
West Virginia DEP	State Program	3	219	02-28-14
Wisconsin	State Program	5	998020430	08-31-13
Wyoming (UST)	A2LA	8	453.07	12-31-13

^{*} Expired certification is currently pending renewal and is considered valid.

Nashville, TN



COOLER RECEIPT FORM Cooler Received/Opened On: 07/23/13 @ 0815 (last 4 digits, FedEx) Tracking # Courier: Fed-ex IR Gun: 17960357 1. Temperature of rep. sample or temp blank when opened: 3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO.(.NA NO...NA 4. Were custody seals on outside of cooler? Font/Back If yes, how many and where: YES 5. Were the seals intact, signed, and dated correctly? 6. Were custody papers inside cooler? NO...NA I certify that I opened the cooler and answered questions 1-6 (intial) 7. Were custody seals on containers: YES and Intact

YES...NO..TNA Were these signed and dated correctly? 8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice-pack Ice (direct contact) Dry ice Other XES...NO...NA 10. Did all containers arrive in good condition (unbroken)?

11. Were all container labels complete (#, date, signed, pres., etc)? 12. Did all container labels and tags agree with custody papers? ...NO...NA

13a. Were VOA vials received? ES...NO...NA

b. Was there any observable headspace present in any VOA vial? 14. Was there a Trip Blank in this cooler? YES. .. NO ... NA If multiple coolers, sequence #

I certify that I unloaded the cooler and answered questions 7-14 (intial)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used

YES...NO...(A) 16. Was residual chlorine present?

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) ES...NO...NA 17. Were custody papers properly filled out (ink, signed, etc)?

YES ... NO ... NA 18. Did you sign the custody papers in the appropriate place?

19. Were correct containers used for the analysis requested? ES...NO...NA

20. Was sufficient amount of sample sent in each container? ES...NO...NA I certify that I entered this project into LIMS and answered questions 17-20 (intial)

I certify that I attached a label with the unique LIMS number to each container (intial)

21. Were there Non-Conformance issues at login? YES..(NO) Was a NCM generated? YES...(NO).

ES...NO...NA

Relinquished by:	Reinquished W. M.	1	Special Instructions:				202 B4/sam	208 Balsum/	145 LAURA (BA)	342 Ash-2	Sample ID / Description		Sampler Signature:	Sampler Name: (Print)	Telephone Numb	Project Manag	City/State/	Addre	Client NamelAccount #: EEG # 2449	
Sate	7/22/13				1		7/18/13/	7/15/13/19	1 2/11/12 14	7/15/13 15.	Date Sampled		14 : ear	THE A	Telephone Number: 843.412.2097	Project Manager: Tom McElwee emzil: mcelwee@eeginc.net	City/State/Zip: Ladson, SC 29456	Address: 10179 Highway 78	t 朱 EEG # 2449	9.7
Time	ON Time			+	+		415 SX	113 5 X	BEX	30 6 X	No. of Containers Shipped	1	M	Horsh		тов меефеедіпс				2960 Foster Creighton Nashville, TN 37204
Received by TestApper	Frede (Method of	2 1 1			#	23		, w	83	Camposite Field Flitered Ice HNO, (Red Label)	7		AN	Fax No.:	net				g
Church Tan	A	Mathod of Shipment:					2(2/	3/1	2	NaCH (Crange Labal) H ₄ SO ₄ Pisatio (Yellow Label) H ₄ SO ₄ Glass(Yellow Label) None (Black Label) Other (Specify) Groundwater	eservative	,,,		843 879-040					Toll Free: 800-765-0980 Fax: 615-725-3404
7-23-13	Date	FEDEX				+	x	×	×	×	Wastewater Drinking Water Sludge Soil Other (specify):	Watrox			10401					*0.
F115 2.7	Time		-		1	1	××	×	××	××	BTEX + Napth - 8260		Project #:	Project ID: Laurel	TA Quote #:	PO#	Site State: SC			neg ned
		Temperature Upon Receipt VOCs Free of Headspace?	Laboratory Comments:									Analyze For:		urel Bay Housiny Project		1035		Enforcement Action?	Compliance Monitoring?	methods, is this work being conducted for regulatory purposes?
			-		+		+				Loc: 490							on? Yes	ming? Yes	for
		Z									RUSH TAT (Pre-Schedule Standard TAT Fax Results Send QC with regort							No	No	

Login Sample Receipt Checklist

Client: Small Business Group Inc.

Job Number: 490-31456-1

Login Number: 31456

MS/MSDs

<6mm (1/4").

Multiphasic samples are not present.

Residual Chlorine Checked.

Samples do not require splitting or compositing.

Containers requiring zero headspace have no headspace or bubble is

List Source: TestAmerica Nashville

List Number: 1 Creator: Abernathy, Eric

Cleator. Abernatily, Eric		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested	True	

True

True

True

N/A

ATTACHMENT A



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US I	EPA ID No.	Manifest Doo	No.	2. Page 1			
3. Generator's Mailing Address: MCAS BEAUFORT LAUREL BAY HOUSING BEAUFORT, SC 29904 4. Generator's Phone 843-8	, G	enerator's Site Addre	SS (If different than i	mailing):	A. Manife	st Number	01519100 Generator's ID	
5. Transporter 1 Company Name 19179 Aug 77 7. Transporter 2 Company Name		PA ID Number		C. State Transporter's ID D. Transporter's Phone (843) 879 - 040 E. State Transporter's ID				
9. Designated Facility Name and Site HICKORY HILL LANDFILL 2621 LOW COUNTRY DRIVE RIDGELAND, SC 29936	• Address	10. US	EPA ID Number		G. State F	acility ID	843-987-4643	
11. Description of Waste Materials a. HEATING OIL TANK FILLED	WITH SAND		12. C No.	Ontainers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments	
WM Profile #	file # 102655SC		/	doy	7.10	1010	7/5075	
c. WM Profile #			2					
J. Additional Descriptions for Mater	rials Listed Above		K. Dispo	osal Location		1	Level	
15. Special Handling Instructions and Day Balance Purchase Order # 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-descriaccurately described, classified and perinted Name	bed materials are not	DA ENGLE EMERGENCE	Grid Y CONTACT / PH defined by 40 Consportation according to the contact of the	872 (HONE NO.:		able state lav)694 Ab=lix	
17. Transporter 1 Acknowledgement Printed Name Pa H 18. Transporter 2 Acknowledgement	ShALL	Signature	Sen K/DJ	2 J	, left	de	8 /9 / Month Day Year 8 /4 /	
Printed Name TAMES BHD 19. Certificate of Final Treatment/Dis	3 4 W	Signature	nes B	بالمان			Month Day Year	
I certify, on behalf of the above listed applicable laws, regulations, permits 20. Facility Owner or Operator: Cert Printed Name White-TREATMENT, STORAGE, DISPO	and licenses on the dification of receipt of	ates listed above.	A POTAL AND		10	as managed i	Month Day Yea	

Pink- FACILITY USE ONLY

Gold-TRANSPORTER #1 COPY

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 kriegkm@dhec.sc.gov or 803-898-0255.

Sincerely,

Kent Krieg

Department of Defense Corrective Action Section

Bureau of Land and Waste Management

South Carolina Department of Health and Environmental Control

Cc: Russell Berry (via email)

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



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 Aspen 378 Aspen 378 Aspen 378 Aspen 378 Aspen 379	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
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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	