

SUMMARY REPORT
91 DOLPHIN STREET (FORMERLY 858 DOLPHIN STREET)
LAUREL BAY MILITARY HOUSING AREA
MARINE CORPS AIR STATION BEAUFORT
BEAUFORT, SC

Revision: 0
Prepared for:

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

and



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

JUNE 2021

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Prepared by:



CDM - AECOM Multimedia Joint Venture
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 91 Dolphin Street (Formerly 858 Dolphin 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 91 Dolphin Street (Formerly 858 Dolphin Street). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 858 Dolphin Street* (MCAS Beaufort, 2010). The UST Assessment Report is provided in Appendix B.

2.1 UST Removal and Soil Sampling

On June 2, 2010, a single 280 gallon heating oil UST was removed from the back yard adjacent to the garage area at 91 Dolphin Street (Formerly 858 Dolphin Street). The 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 6'2" 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 91 Dolphin Street (Formerly 858 Dolphin 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 91 Dolphin Street (Formerly 858 Dolphin Street). This NFA determination was obtained in a letter dated May 15, 2014. SCDHEC's NFA letter is provided in Appendix C.

4.0 REFERENCES

Marine Corps Air Station Beaufort, 2010. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 858 Dolphin Street, Laurel Bay Military Housing Area*, August 2010.

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
91 Dolphin Street (Formerly 858 Dolphin Street)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs ⁽¹⁾	Results Sample Collected 06/02/10
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 Analyzed by EPA Method 8270D (mg/kg)		
Benzo(a)anthracene	0.66	0.159
Benzo(b)fluoranthene	0.66	0.334
Benzo(k)fluoranthene	0.66	0.236
Chrysene	0.66	0.209
Dibenz(a,h)anthracene	0.66	0.0420

Notes:

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

Bold font indicates the analyte was detected.

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

EPA - United States Environmental Protection Agency

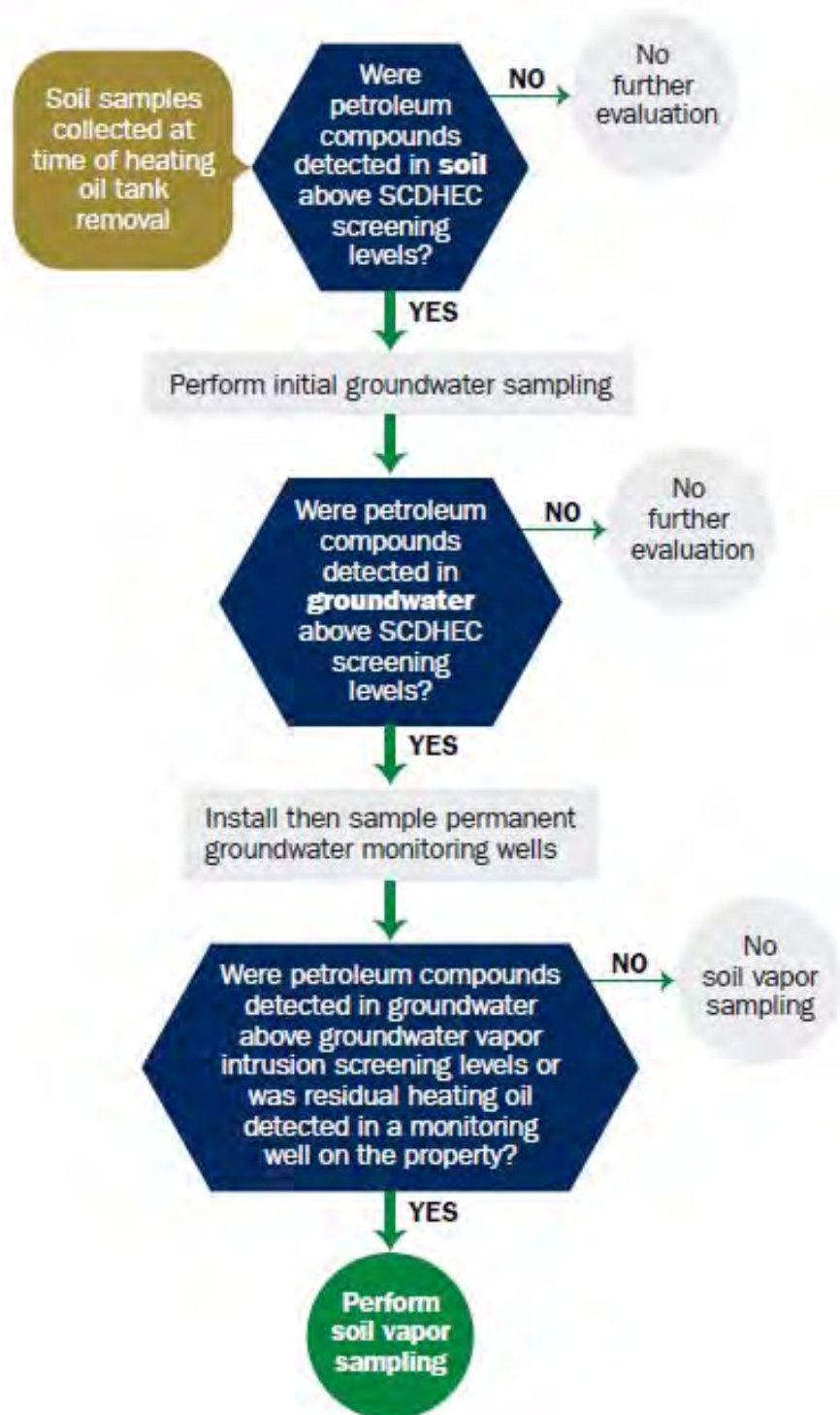
mg/kg - milligram per kilogram

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

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

Appendix A
Multi-Media Selection Process for LBMH



Appendix A - Multi-Media Selection Process for LBMH

Appendix B
UST Assessment Report

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

Date Received

State Use Only

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

I. OWNERSHIP OF UST (S)

MCAS Beaufort, Commanding Officer Attn: NREAO (Craig Ehde)

Owner Name (Corporation, Individual, Public Agency, Other)

P.O. Box 55001

Mailing Address

Beaufort,

South Carolina

29904-5001

City

State

Zip Code

843

228-7317

Craig Ehde

Area Code

Telephone Number

Contact Person

II. SITE IDENTIFICATION AND LOCATION

Permit I.D. #

Laurel Bay Military Housing Area, Marine Corps Air Station, Beaufort, SC
 Facility Name or Company Site Identifier

858 Dolphin Street, Laurel Bay Military Housing Area

Street Address or State Road (as applicable)

Beaufort,

Beaufort

City

County

III. INSURANCE INFORMATION

Insurance Statement

The petroleum release reported to DHEC on _____ at Permit ID Number _____ may qualify to receive state monies to pay for appropriate site rehabilitation activities. Before participation is allowed in the State Clean-up fund, written confirmation of the existence or non-existence of an environmental insurance policy is required. **This section must be completed.**

Is there now, or has there ever been an insurance policy or other financial mechanism that covers this UST release? **YES**____ **NO**____ (check one)

If you answered **YES** to the above question, please complete the following information:

My policy provider is: _____
The policy deductible is: _____
The policy limit is: _____

If you have this type of insurance, please include a copy of the policy with this report.

IV. REQUEST FOR SUPERB FUNDING

I **DO** / **DO NOT** wish to participate in the SUPERB Program. (Circle one.)

V. CERTIFICATION (To be signed by the UST owner)

I certify that I have personally examined and am familiar with the information submitted in this and all attached documents; and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Name (Type or print.)

Signature

To be completed by Notary Public:

Sworn before me this _____ day of _____, 20____

(Name)

Notary Public for the state of _____
Please affix State seal if you are commissioned outside South Carolina

VI. UST INFORMATION

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

858Dolphin				
Heating oil				
280 gal				
Late 1950s				
Steel				
Mid 1980s				
6'2"				
No				
No				
Removed				
6/2/10				
Yes				
Yes				

- M. Method of disposal for any USTs removed from the ground (attach disposal manifests)
UST 858Dolphin was removed from the ground and disposed of at a
Subtitle "D" landfill. See Attachment "A".
- N. Method of disposal for any liquid petroleum, sludges, or wastewaters removed from the USTs (attach disposal manifests)
UST 858Dolphin had been previously filled with sand by others.
- O. If any corrosion, pitting, or holes were observed, describe the location and extent for each UST
Corrosion and pitting were present throughout the tank.

VII. PIPING INFORMATION

A. Construction Material..(ex. Steel, FRP).....	858Dolphin				
B. Distance from UST to Dispenser.....	Steel & Copper				
C. Number of Dispensers.....	N/A				
D. Type of System Pressure or Suction.....	N/A				
E. Was Piping Removed from the Ground? Y/N	Suction				
F. Visible Corrosion or Pitting Y/N.....	Yes				
G. Visible Holes Y/N.....	Yes				
H. Age.....	No				
I. If any corrosion, pitting, or holes were observed, describe the location and extent for each piping run.	Late 1950s				

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

VIII. BRIEF SITE DESCRIPTION AND HISTORY

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

IX. SITE CONDITIONS

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

X. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number 84009001

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA #
858 Dolphin	Excav at fill end	Soil	Sandy	6'2"	6/2/10 1030hrs	P. Shaw	
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

* = Depth Below the Surrounding Land Surface

XI. SAMPLING METHODOLOGY

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

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

XII. RECEPTORS

	Yes	No
A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system? *~620' to stormwater drainage canal If yes, indicate type of receptor, distance, and direction on site map.	*X	
B. Are there any public, private, or irrigation water supply wells within 1000 feet of the UST system? If yes, indicate type of well, distance, and direction on site map.		X
C. Are there any underground structures (e.g., basements) Located within 100 feet of the UST system? If yes, indicate type of structure, distance, and direction on site map.		X
D. Are there any underground utilities (e.g., telephone, electricity, gas, water, sewer, storm drain) located within 100 feet of the UST system that could potentially come in contact with the contamination? *Sewer and water If yes, indicate the type of utility, distance, and direction on the site map.	*X	
E. Has contaminated soil been identified at a depth less than 3 feet below land surface in an area that is not capped by asphalt or concrete? If yes, indicate the area of contaminated soil on the site map.		X

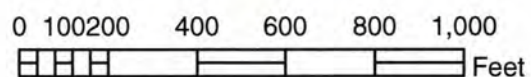
XIII. SITE MAP

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

(Attach Site Map Here)



858 DOLPHIN ST.



SBG-EEG, Inc.

398 E. 5th North Street, Suite C
Summerville SC 29483-6954

Ph. (843) 875-1930

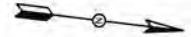
Drawn By: L. DiAsio

Dwg Date: JUNE 2010

FIGURE 1: LOCATION MAP
858 DOLPHIN STREET, LAUREL BAY
MCAS BEAUFORT SC



STORMWATER DRAINAGE
CANAL $\approx$ 620'



GEO THERMAL LINES

UST 858 DOLPHIN



DRAIN LINE

858 DOLPHIN STREET
LAUREL BAY MILITARY HOUSING
MCAS BEAUFORT, SC

ASPHALT
DRIVEWAY

GRAPHIC SCALE

0 5' 10' 20'

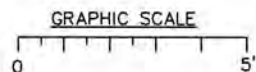
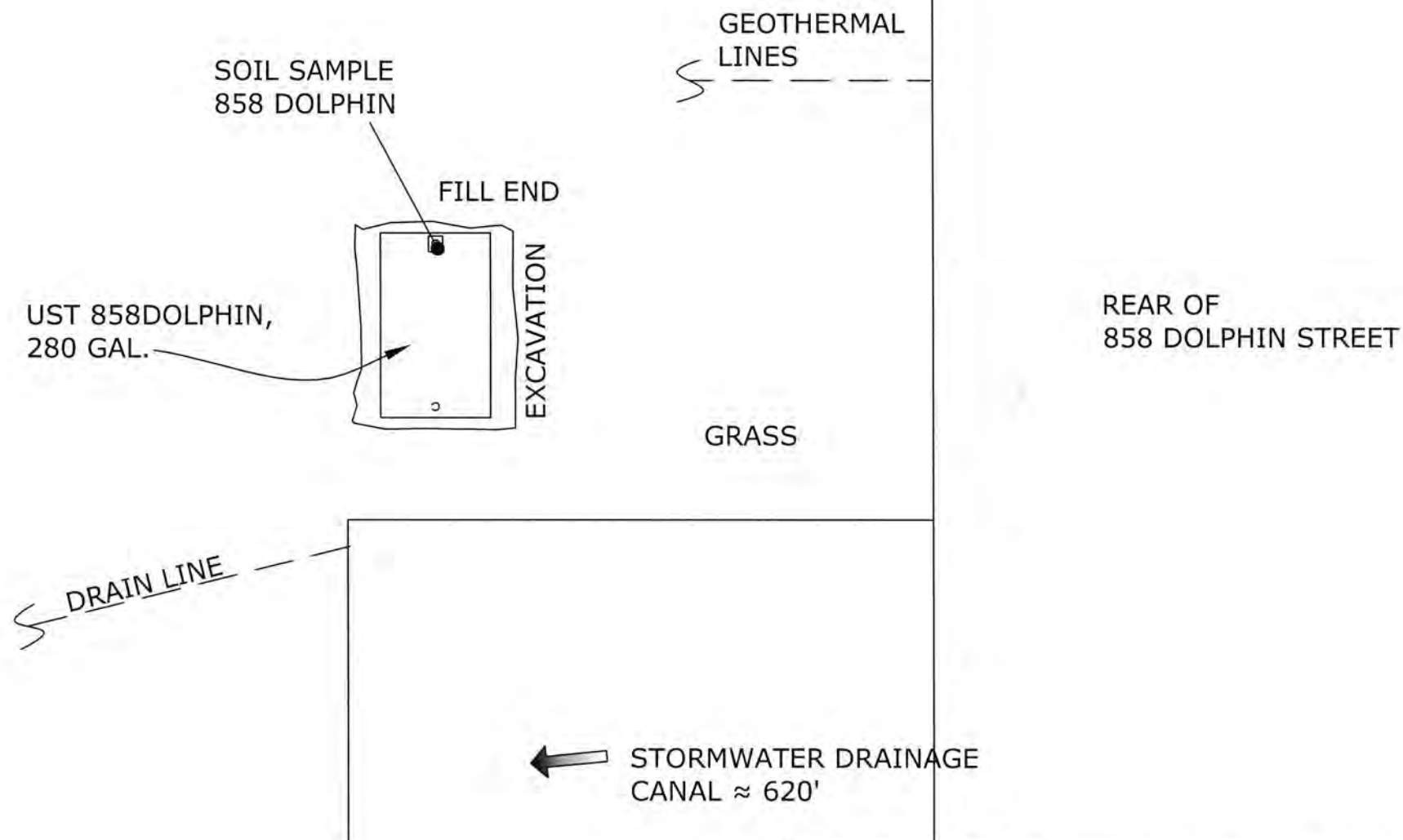
SBG-EEG

398 E. 5 NORTH ST., SUITE C
SUMMERVILLE, SC
29483-6954

FIGURE 2 SITE MAP
858 DOLPHIN ST., LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC

DWG DATE JUN 2010



UST 858DOLPHIN WAS
38" BELOW GRADE.

SBG-EEG

398 E. 5 NORTH ST., SUITE C
SUMMERVILLE, SC
29483-6954

FIGURE 3 UST SAMPLE LOCATIONS
858 DOLPHIN ST., LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC

DWG DATE JUN 2010



Picture 1: Location of UST 858Dolphin.



Picture 2: UST 858Dolphin.

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	858Dolphin						
Benzene		ND						
Toluene		ND						
Ethylbenzene		ND						
Xylenes		ND						
Naphthalene		ND						
Benzo (a) anthracene		0.159 mg/kg						
Benzo (b) fluoranthene		0.334 mg/kg						
Benzo (k) fluoranthene		0.236 mg/kg						
Chrysene		0.209 mg/kg						
Dibenz (a, h) anthracene		0.0420 mg/kg						
TPH (EPA 3550)								

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

SUMMARY OF ANALYSIS RESULTS (cont'd)

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

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

XV. ANALYTICAL RESULTS

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

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

June 17, 2010

11:22:03AM

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Nbr: [none]
P/O Nbr: 0829
Date Received: 06/05/10

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
852 Dolphin	NTF0533-01	06/01/10 09:50
854 Dolphin	NTF0533-02	06/01/10 13:45
855 Dolphin	NTF0533-03	06/01/10 16:15
858 Dolphin	NTF0533-04	06/02/10 10:30
859 Dolphin	NTF0533-05	06/02/10 15:15
862 Dolphin	NTF0533-06	06/02/10 16:15
866 Dolphin	NTF0533-07	06/03/10 11:30
429 Elderberry	NTF0533-08	06/03/10 15:45

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: 84009001

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

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

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

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Ken A. Hayes

Senior Project Manager

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTF0533-01 (852 Dolphin - Soil) Sampled: 06/01/10 09:50										
General Chemistry Parameters										
% Dry Solids	88.7		%	0.500	0.500	1	06/09/10 10:29	SW-846	DMG	10F1253
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.000788	0.00235	1	06/15/10 02:51	SW846 8260B	KxC	10F0969
Ethylbenzene	ND		mg/kg dry	0.000788	0.00235	1	06/15/10 02:51	SW846 8260B	KxC	10F0969
Naphthalene	ND		mg/kg dry	0.00200	0.00588	1	06/15/10 02:51	SW846 8260B	KxC	10F0969
Toluene	ND		mg/kg dry	0.000471	0.00235	1	06/15/10 02:51	SW846 8260B	KxC	10F0969
Xylenes, total	ND		mg/kg dry	0.00153	0.00588	1	06/15/10 02:51	SW846 8260B	KxC	10F0969
Surr: 1,2-Dichloroethane-d4 (67-138%)	99 %					1	06/15/10 02:51	SW846 8260B	KxC	10F0969
Surr: Dibromofluoromethane (75-125%)	103 %					1	06/15/10 02:51	SW846 8260B	KxC	10F0969
Surr: Toluene-d8 (76-129%)	108 %					1	06/15/10 02:51	SW846 8260B	KxC	10F0969
Surr: 4-Bromofluorobenzene (67-147%)	105 %					1	06/15/10 02:51	SW846 8260B	KxC	10F0969
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0242	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Acenaphthylene	ND		mg/kg dry	0.0242	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Anthracene	ND		mg/kg dry	0.0165	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Benzo (a) anthracene	ND		mg/kg dry	0.0143	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Benzo (a) pyrene	ND		mg/kg dry	0.0165	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Benzo (b) fluoranthene	ND		mg/kg dry	0.0187	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0154	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Benzo (k) fluoranthene	ND		mg/kg dry	0.0209	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Chrysene	ND		mg/kg dry	0.0165	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0154	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Fluoranthene	ND		mg/kg dry	0.0154	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Fluorene	ND		mg/kg dry	0.0143	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0132	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Naphthalene	ND		mg/kg dry	0.0220	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Phenanthrene	ND		mg/kg dry	0.0143	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Pyrene	ND		mg/kg dry	0.0132	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
1-Methylnaphthalene	ND		mg/kg dry	0.0187	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
2-Methylnaphthalene	ND		mg/kg dry	0.0198	0.0736	1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Surr: Terphenyl-d14 (18-120%)	52 %					1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Surr: 2-Fluorobiphenyl (14-120%)	45 %					1	06/12/10 18:11	SW846 8270D	RMC	10F1062
Surr: Nitrobenzene-d5 (17-120%)	46 %					1	06/12/10 18:11	SW846 8270D	RMC	10F1062

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTF0533-02 (854 Dolphin - Soil) Sampled: 06/01/10 13:45										
General Chemistry Parameters										
% Dry Solids	95.7		%	0.500	0.500	1	06/09/10 10:29	SW-846	DMG	10F1253
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.000895	0.00267	1	06/15/10 03:21	SW846 8260B	KxC	10F0969
Ethylbenzene	ND		mg/kg dry	0.000895	0.00267	1	06/15/10 03:21	SW846 8260B	KxC	10F0969
Naphthalene	ND		mg/kg dry	0.00227	0.00668	1	06/15/10 03:21	SW846 8260B	KxC	10F0969
Toluene	ND		mg/kg dry	0.000534	0.00267	1	06/15/10 03:21	SW846 8260B	KxC	10F0969
Xylenes, total	ND		mg/kg dry	0.00174	0.00668	1	06/15/10 03:21	SW846 8260B	KxC	10F0969
Surr: 1,2-Dichloroethane-d4 (67-138%)	100 %					1	06/15/10 03:21	SW846 8260B	KxC	10F0969
Surr: Dibromofluoromethane (75-125%)	102 %					1	06/15/10 03:21	SW846 8260B	KxC	10F0969
Surr: Toluene-d8 (76-129%)	94 %					1	06/15/10 03:21	SW846 8260B	KxC	10F0969
Surr: 4-Bromofluorobenzene (67-147%)	101 %					1	06/15/10 03:21	SW846 8260B	KxC	10F0969
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0224	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Acenaphthylene	ND		mg/kg dry	0.0224	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Anthracene	ND		mg/kg dry	0.0153	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Benzo (a) anthracene	ND		mg/kg dry	0.0132	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Benzo (a) pyrene	ND		mg/kg dry	0.0153	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Benzo (b) fluoranthene	ND		mg/kg dry	0.0173	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0143	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Benzo (k) fluoranthene	ND		mg/kg dry	0.0194	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Chrysene	ND		mg/kg dry	0.0153	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0143	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Fluoranthene	ND		mg/kg dry	0.0143	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Fluorene	ND		mg/kg dry	0.0132	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0122	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Naphthalene	ND		mg/kg dry	0.0204	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Phenanthrene	ND		mg/kg dry	0.0132	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Pyrene	ND		mg/kg dry	0.0122	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
1-Methylnaphthalene	ND		mg/kg dry	0.0173	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
2-Methylnaphthalene	ND		mg/kg dry	0.0183	0.0682	1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Surr: Terphenyl-d14 (18-120%)	63 %					1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Surr: 2-Fluorobiphenyl (14-120%)	51 %					1	06/12/10 18:37	SW846 8270D	RMC	10F1062
Surr: Nitrobenzene-d5 (17-120%)	50 %					1	06/12/10 18:37	SW846 8270D	RMC	10F1062

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTF0533-03 (855 Dolphin - Soil) Sampled: 06/01/10 16:15										
General Chemistry Parameters										
% Dry Solids	90.4		%	0.500	0.500	1	06/09/10 10:29	SW-846	DMG	10F1253
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.000814	0.00243	1	06/15/10 03:50	SW846 8260B	KxC	10F0969
Ethylbenzene	ND		mg/kg dry	0.000814	0.00243	1	06/15/10 03:50	SW846 8260B	KxC	10F0969
Naphthalene	ND		mg/kg dry	0.00207	0.00608	1	06/15/10 03:50	SW846 8260B	KxC	10F0969
Toluene	ND		mg/kg dry	0.000486	0.00243	1	06/15/10 03:50	SW846 8260B	KxC	10F0969
Xylenes, total	ND		mg/kg dry	0.00158	0.00608	1	06/15/10 03:50	SW846 8260B	KxC	10F0969
Surr: 1,2-Dichloroethane-d4 (67-138%)	102 %					1	06/15/10 03:50	SW846 8260B	KxC	10F0969
Surr: Dibromofluoromethane (75-125%)	104 %					1	06/15/10 03:50	SW846 8260B	KxC	10F0969
Surr: Toluene-d8 (76-129%)	97 %					1	06/15/10 03:50	SW846 8260B	KxC	10F0969
Surr: 4-Bromofluorobenzene (67-147%)	113 %					1	06/15/10 03:50	SW846 8260B	KxC	10F0969
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0238	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Acenaphthylene	ND		mg/kg dry	0.0238	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Anthracene	ND		mg/kg dry	0.0163	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Benzo (a) anthracene	ND		mg/kg dry	0.0141	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Benzo (a) pyrene	ND		mg/kg dry	0.0163	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Benzo (b) fluoranthene	ND		mg/kg dry	0.0184	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0152	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Benzo (k) fluoranthene	ND		mg/kg dry	0.0206	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Chrysene	ND		mg/kg dry	0.0163	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0152	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Fluoranthene	ND		mg/kg dry	0.0152	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Fluorene	ND		mg/kg dry	0.0141	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0130	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Naphthalene	ND		mg/kg dry	0.0217	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Phenanthrene	ND		mg/kg dry	0.0141	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Pyrene	ND		mg/kg dry	0.0130	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
1-Methylnaphthalene	ND		mg/kg dry	0.0184	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
2-Methylnaphthalene	ND		mg/kg dry	0.0195	0.0726	1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Surr: Terphenyl-d14 (18-120%)	61 %					1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Surr: 2-Fluorobiphenyl (14-120%)	58 %					1	06/12/10 19:02	SW846 8270D	RMC	10F1062
Surr: Nitrobenzene-d5 (17-120%)	56 %					1	06/12/10 19:02	SW846 8270D	RMC	10F1062

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTF0533-04 (858 Dolphin - Soil) Sampled: 06/02/10 10:30										
General Chemistry Parameters										
% Dry Solids	97.5		%	0.500	0.500	1	06/09/10 10:29	SW-846	DMG	10F1253
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.000870	0.00260	1	06/15/10 04:20	SW846 8260B	KxC	10F0969
Ethylbenzene	ND		mg/kg dry	0.000870	0.00260	1	06/15/10 04:20	SW846 8260B	KxC	10F0969
Naphthalene	ND		mg/kg dry	0.00221	0.00649	1	06/15/10 04:20	SW846 8260B	KxC	10F0969
Toluene	ND		mg/kg dry	0.000519	0.00260	1	06/15/10 04:20	SW846 8260B	KxC	10F0969
Xylenes, total	ND		mg/kg dry	0.00169	0.00649	1	06/15/10 04:20	SW846 8260B	KxC	10F0969
Surr: 1,2-Dichloroethane-d4 (67-138%)	100 %					1	06/15/10 04:20	SW846 8260B	KxC	10F0969
Surr: Dibromofluoromethane (75-125%)	99 %					1	06/15/10 04:20	SW846 8260B	KxC	10F0969
Surr: Toluene-d8 (76-129%)	96 %					1	06/15/10 04:20	SW846 8260B	KxC	10F0969
Surr: 4-Bromofluorobenzene (67-147%)	117 %					1	06/15/10 04:20	SW846 8260B	KxC	10F0969
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0222	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Acenaphthylene	ND		mg/kg dry	0.0222	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Anthracene	ND		mg/kg dry	0.0151	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Benzo (a) anthracene	0.159		mg/kg dry	0.0131	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Benzo (a) pyrene	0.0941		mg/kg dry	0.0151	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Benzo (b) fluoranthene	0.334		mg/kg dry	0.0171	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Benzo (g,h,i) perylene	0.0887		mg/kg dry	0.0141	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Benzo (k) fluoranthene	0.236		mg/kg dry	0.0191	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Chrysene	0.209		mg/kg dry	0.0151	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Dibenz (a,h) anthracene	0.0420		mg/kg dry	0.0141	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Fluoranthene	0.254		mg/kg dry	0.0141	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Fluorene	ND		mg/kg dry	0.0131	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Indeno (1,2,3-cd) pyrene	0.105		mg/kg dry	0.0121	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Naphthalene	ND		mg/kg dry	0.0202	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Phenanthrene	ND		mg/kg dry	0.0131	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Pyrene	0.870		mg/kg dry	0.0121	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
1-Methylnaphthalene	ND		mg/kg dry	0.0171	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
2-Methylnaphthalene	ND		mg/kg dry	0.0181	0.0675	1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Surr: Terphenyl-d14 (18-120%)	63 %					1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Surr: 2-Fluorobiphenyl (14-120%)	50 %					1	06/12/10 19:27	SW846 8270D	RMC	10F1062
Surr: Nitrobenzene-d5 (17-120%)	51 %					1	06/12/10 19:27	SW846 8270D	RMC	10F1062

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTF0533-05 (859 Dolphin - Soil) Sampled: 06/02/10 15:15										
General Chemistry Parameters										
% Dry Solids	95.9		%	0.500	0.500	1	06/09/10 10:29	SW-846	DMG	10F1253
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.000768	0.00229	1	06/15/10 04:49	SW846 8260B	KxC	10F0969
Ethylbenzene	ND		mg/kg dry	0.000768	0.00229	1	06/15/10 04:49	SW846 8260B	KxC	10F0969
Naphthalene	ND		mg/kg dry	0.00195	0.00573	1	06/15/10 04:49	SW846 8260B	KxC	10F0969
Toluene	ND		mg/kg dry	0.000458	0.00229	1	06/15/10 04:49	SW846 8260B	KxC	10F0969
Xylenes, total	ND		mg/kg dry	0.00149	0.00573	1	06/15/10 04:49	SW846 8260B	KxC	10F0969
Surr: 1,2-Dichloroethane-d4 (67-138%)	101 %					1	06/15/10 04:49	SW846 8260B	KxC	10F0969
Surr: Dibromofluoromethane (75-125%)	101 %					1	06/15/10 04:49	SW846 8260B	KxC	10F0969
Surr: Toluene-d8 (76-129%)	94 %					1	06/15/10 04:49	SW846 8260B	KxC	10F0969
Surr: 4-Bromofluorobenzene (67-147%)	100 %					1	06/15/10 04:49	SW846 8260B	KxC	10F0969
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0228	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Acenaphthylene	ND		mg/kg dry	0.0228	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Anthracene	ND		mg/kg dry	0.0155	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Benzo (a) anthracene	ND		mg/kg dry	0.0134	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Benzo (a) pyrene	ND		mg/kg dry	0.0155	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Benzo (b) fluoranthene	ND		mg/kg dry	0.0176	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0145	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Benzo (k) fluoranthene	ND		mg/kg dry	0.0197	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Chrysene	ND		mg/kg dry	0.0155	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0145	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Fluoranthene	ND		mg/kg dry	0.0145	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Fluorene	ND		mg/kg dry	0.0134	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0124	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Naphthalene	ND		mg/kg dry	0.0207	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Phenanthrene	ND		mg/kg dry	0.0134	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Pyrene	ND		mg/kg dry	0.0124	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
1-Methylnaphthalene	ND		mg/kg dry	0.0176	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
2-Methylnaphthalene	ND		mg/kg dry	0.0186	0.0693	1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Surr: Terphenyl-d14 (18-120%)	64 %					1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Surr: 2-Fluorobiphenyl (14-120%)	54 %					1	06/12/10 19:52	SW846 8270D	RMC	10F1062
Surr: Nitrobenzene-d5 (17-120%)	55 %					1	06/12/10 19:52	SW846 8270D	RMC	10F1062

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTF0533-06 (862 Dolphin - Soil) Sampled: 06/02/10 16:15										
General Chemistry Parameters										
% Dry Solids	96.3		%	0.500	0.500	1	06/09/10 10:29	SW-846	DMG	10F1253
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.000828	0.00247	1	06/16/10 01:58	SW846 8260B	KxC	10F2648
Ethylbenzene	ND		mg/kg dry	0.000828	0.00247	1	06/16/10 01:58	SW846 8260B	KxC	10F2648
Naphthalene	ND	RL1	mg/kg dry	0.110	0.324	50	06/16/10 02:27	SW846 8260B	KxC	10F2648
Toluene	ND		mg/kg dry	0.000494	0.00247	1	06/16/10 01:58	SW846 8260B	KxC	10F2648
Xylenes, total	ND		mg/kg dry	0.00161	0.00618	1	06/16/10 01:58	SW846 8260B	KxC	10F2648
Surr: 1,2-Dichloroethane-d4 (67-138%)	106 %					1	06/16/10 01:58	SW846 8260B	KxC	10F2648
Surr: 1,2-Dichloroethane-d4 (67-138%)	92 %					50	06/16/10 02:27	SW846 8260B	KxC	10F2648
Surr: Dibromofluoromethane (75-125%)	107 %					1	06/16/10 01:58	SW846 8260B	KxC	10F2648
Surr: Dibromofluoromethane (75-125%)	95 %					50	06/16/10 02:27	SW846 8260B	KxC	10F2648
Surr: Toluene-d8 (76-129%)	110 %					1	06/16/10 01:58	SW846 8260B	KxC	10F2648
Surr: Toluene-d8 (76-129%)	98 %					50	06/16/10 02:27	SW846 8260B	KxC	10F2648
Surr: 4-Bromofluorobenzene (67-147%)	158 %	ZZ				1	06/16/10 01:58	SW846 8260B	KxC	10F2648
Surr: 4-Bromofluorobenzene (67-147%)	100 %					50	06/16/10 02:27	SW846 8260B	KxC	10F2648
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0448	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Acenaphthylene	ND		mg/kg dry	0.0448	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Anthracene	ND		mg/kg dry	0.0305	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Benzo (a) anthracene	ND		mg/kg dry	0.0264	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Benzo (a) pyrene	ND		mg/kg dry	0.0305	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Benzo (b) fluoranthene	ND		mg/kg dry	0.0346	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0285	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Benzo (k) fluoranthene	ND		mg/kg dry	0.0386	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Chrysene	ND		mg/kg dry	0.0305	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0285	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Fluoranthene	ND		mg/kg dry	0.0285	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Fluorene	ND		mg/kg dry	0.0264	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0244	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Naphthalene	ND		mg/kg dry	0.0407	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Phenanthrene	ND		mg/kg dry	0.0264	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Pyrene	ND		mg/kg dry	0.0244	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
1-Methylnaphthalene	ND		mg/kg dry	0.0346	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
2-Methylnaphthalene	ND		mg/kg dry	0.0366	0.136	2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Surr: Terphenyl-d14 (18-120%)	60 %					2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Surr: 2-Fluorobiphenyl (14-120%)	42 %					2	06/12/10 20:17	SW846 8270D	RMC	10F1062
Surr: Nitrobenzene-d5 (17-120%)	47 %					2	06/12/10 20:17	SW846 8270D	RMC	10F1062

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTF0533-07 (866 Dolphin - Soil) Sampled: 06/03/10 11:30										
General Chemistry Parameters										
% Dry Solids	92.8		%	0.500	0.500	1	06/09/10 10:29	SW-846	DMG	10F1253
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.000770	0.00230	1	06/15/10 05:48	SW846 8260B	KxC	10F0969
Ethylbenzene	ND		mg/kg dry	0.000770	0.00230	1	06/15/10 05:48	SW846 8260B	KxC	10F0969
Naphthalene	ND		mg/kg dry	0.00195	0.00574	1	06/15/10 05:48	SW846 8260B	KxC	10F0969
Toluene	ND		mg/kg dry	0.000460	0.00230	1	06/15/10 05:48	SW846 8260B	KxC	10F0969
Xylenes, total	ND		mg/kg dry	0.00149	0.00574	1	06/15/10 05:48	SW846 8260B	KxC	10F0969
Surr: 1,2-Dichloroethane-d4 (67-138%)	101 %					1	06/15/10 05:48	SW846 8260B	KxC	10F0969
Surr: Dibromofluoromethane (75-125%)	100 %					1	06/15/10 05:48	SW846 8260B	KxC	10F0969
Surr: Toluene-d8 (76-129%)	104 %					1	06/15/10 05:48	SW846 8260B	KxC	10F0969
Surr: 4-Bromofluorobenzene (67-147%)	103 %					1	06/15/10 05:48	SW846 8260B	KxC	10F0969
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0231	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Acenaphthylene	ND		mg/kg dry	0.0231	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Anthracene	ND		mg/kg dry	0.0157	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Benzo (a) anthracene	ND		mg/kg dry	0.0136	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Benzo (a) pyrene	ND		mg/kg dry	0.0157	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Benzo (b) fluoranthene	ND		mg/kg dry	0.0178	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0147	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Benzo (k) fluoranthene	ND		mg/kg dry	0.0199	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Chrysene	ND		mg/kg dry	0.0157	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0147	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Fluoranthene	ND		mg/kg dry	0.0147	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Fluorene	ND		mg/kg dry	0.0136	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0126	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Naphthalene	ND		mg/kg dry	0.0210	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Phenanthrene	ND		mg/kg dry	0.0136	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Pyrene	ND		mg/kg dry	0.0126	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
1-Methylnaphthalene	ND		mg/kg dry	0.0178	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
2-Methylnaphthalene	ND		mg/kg dry	0.0189	0.0703	1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Surr: Terphenyl-d14 (18-120%)	60 %					1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Surr: 2-Fluorobiphenyl (14-120%)	48 %					1	06/12/10 20:42	SW846 8270D	RMC	10F1062
Surr: Nitrobenzene-d5 (17-120%)	47 %					1	06/12/10 20:42	SW846 8270D	RMC	10F1062

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NTF0533-08 (429 Elderberry - Soil) Sampled: 06/03/10 15:45										
General Chemistry Parameters										
% Dry Solids	89.9		%	0.500	0.500	1	06/09/10 10:29	SW-846	DMG	10F1253
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND		mg/kg dry	0.000750	0.00224	1	06/15/10 06:18	SW846 8260B	KxC	10F0969
Ethylbenzene	ND		mg/kg dry	0.000750	0.00224	1	06/15/10 06:18	SW846 8260B	KxC	10F0969
Naphthalene	ND		mg/kg dry	0.00190	0.00560	1	06/15/10 06:18	SW846 8260B	KxC	10F0969
Toluene	ND		mg/kg dry	0.000448	0.00224	1	06/15/10 06:18	SW846 8260B	KxC	10F0969
Xylenes, total	ND		mg/kg dry	0.00145	0.00560	1	06/15/10 06:18	SW846 8260B	KxC	10F0969
Surr: 1,2-Dichloroethane-d4 (67-138%)	99 %					1	06/15/10 06:18	SW846 8260B	KxC	10F0969
Surr: Dibromofluoromethane (75-125%)	102 %					1	06/15/10 06:18	SW846 8260B	KxC	10F0969
Surr: Toluene-d8 (76-129%)	105 %					1	06/15/10 06:18	SW846 8260B	KxC	10F0969
Surr: 4-Bromofluorobenzene (67-147%)	106 %					1	06/15/10 06:18	SW846 8260B	KxC	10F0969
Polyaromatic Hydrocarbons by EPA 8270D										
Acenaphthene	ND		mg/kg dry	0.0243	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Acenaphthylene	ND		mg/kg dry	0.0243	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Anthracene	ND		mg/kg dry	0.0165	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Benzo (a) anthracene	ND		mg/kg dry	0.0143	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Benzo (a) pyrene	ND		mg/kg dry	0.0165	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Benzo (b) fluoranthene	ND		mg/kg dry	0.0187	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0154	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Benzo (k) fluoranthene	ND		mg/kg dry	0.0209	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Chrysene	ND		mg/kg dry	0.0165	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0154	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Fluoranthene	ND		mg/kg dry	0.0154	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Fluorene	ND		mg/kg dry	0.0143	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0132	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Naphthalene	ND		mg/kg dry	0.0220	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Phenanthrene	ND		mg/kg dry	0.0143	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Pyrene	ND		mg/kg dry	0.0132	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
1-Methylnaphthalene	ND		mg/kg dry	0.0187	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
2-Methylnaphthalene	ND		mg/kg dry	0.0198	0.0739	1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Surr: Terphenyl-d14 (18-120%)	54 %					1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Surr: 2-Fluorobiphenyl (14-120%)	44 %					1	06/12/10 21:07	SW846 8270D	RMC	10F1062
Surr: Nitrobenzene-d5 (17-120%)	47 %					1	06/12/10 21:07	SW846 8270D	RMC	10F1062

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polyaromatic Hydrocarbons by EPA 8270D							
SW846 8270D	10F1062	NTF0533-01	30.77	1.00	06/11/10 07:00	CAG	EPA 3550C
SW846 8270D	10F1062	NTF0533-02	30.78	1.00	06/11/10 07:00	CAG	EPA 3550C
SW846 8270D	10F1062	NTF0533-03	30.62	1.00	06/11/10 07:00	CAG	EPA 3550C
SW846 8270D	10F1062	NTF0533-04	30.53	1.00	06/11/10 07:00	CAG	EPA 3550C
SW846 8270D	10F1062	NTF0533-05	30.24	1.00	06/11/10 07:00	CAG	EPA 3550C
SW846 8270D	10F1062	NTF0533-06	30.63	1.00	06/11/10 07:00	CAG	EPA 3550C
SW846 8270D	10F1062	NTF0533-07	30.82	1.00	06/11/10 07:00	CAG	EPA 3550C
SW846 8270D	10F1062	NTF0533-08	30.27	1.00	06/11/10 07:00	CAG	EPA 3550C
Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	10F0969	NTF0533-01	4.79	5.00	06/01/10 09:50	CHH	EPA 5035
SW846 8260B	10F0969	NTF0533-02	3.91	5.00	06/01/10 13:45	CHH	EPA 5035
SW846 8260B	10F0969	NTF0533-03	4.55	5.00	06/01/10 16:15	CHH	EPA 5035
SW846 8260B	10F0969	NTF0533-04	3.95	5.00	06/02/10 10:30	CHH	EPA 5035
SW846 8260B	10F0969	NTF0533-05	4.55	5.00	06/02/10 15:15	CHH	EPA 5035
SW846 8260B	10F0969	NTF0533-06	4.03	5.00	06/02/10 16:15	CHH	EPA 5035
SW846 8260B	10F2648	NTF0533-06RE1	4.20	5.00	06/02/10 16:15	CHH	EPA 5035
SW846 8260B	10F2648	NTF0533-06RE2	4.01	5.00	06/02/10 16:15	CHH	EPA 5035
SW846 8260B	10F0969	NTF0533-07	4.69	5.00	06/03/10 11:30	CHH	EPA 5035
SW846 8260B	10F0969	NTF0533-08	4.97	5.00	06/03/10 15:45	CHH	EPA 5035

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

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						
10F0969-BLK1						
Benzene	<0.000670		mg/kg wet	10F0969	10F0969-BLK1	06/15/10 00:24
Ethylbenzene	<0.000670		mg/kg wet	10F0969	10F0969-BLK1	06/15/10 00:24
Naphthalene	<0.00170		mg/kg wet	10F0969	10F0969-BLK1	06/15/10 00:24
Toluene	<0.000400		mg/kg wet	10F0969	10F0969-BLK1	06/15/10 00:24
Xylenes, total	<0.00130		mg/kg wet	10F0969	10F0969-BLK1	06/15/10 00:24
Surrogate: 1,2-Dichloroethane-d4	101%			10F0969	10F0969-BLK1	06/15/10 00:24
Surrogate: Dibromofluoromethane	101%			10F0969	10F0969-BLK1	06/15/10 00:24
Surrogate: Toluene-d8	95%			10F0969	10F0969-BLK1	06/15/10 00:24
Surrogate: 4-Bromofluorobenzene	101%			10F0969	10F0969-BLK1	06/15/10 00:24
10F0969-BLK2						
Benzene	<0.0335		mg/kg wet	10F0969	10F0969-BLK2	06/15/10 00:53
Ethylbenzene	<0.0335		mg/kg wet	10F0969	10F0969-BLK2	06/15/10 00:53
Naphthalene	<0.0850		mg/kg wet	10F0969	10F0969-BLK2	06/15/10 00:53
Toluene	<0.0200		mg/kg wet	10F0969	10F0969-BLK2	06/15/10 00:53
Xylenes, total	<0.0650		mg/kg wet	10F0969	10F0969-BLK2	06/15/10 00:53
Surrogate: 1,2-Dichloroethane-d4	103%			10F0969	10F0969-BLK2	06/15/10 00:53
Surrogate: Dibromofluoromethane	101%			10F0969	10F0969-BLK2	06/15/10 00:53
Surrogate: Toluene-d8	94%			10F0969	10F0969-BLK2	06/15/10 00:53
Surrogate: 4-Bromofluorobenzene	98%			10F0969	10F0969-BLK2	06/15/10 00:53
10F2648-BLK1						
Benzene	<0.000670		mg/kg wet	10F2648	10F2648-BLK1	06/16/10 00:59
Ethylbenzene	<0.000670		mg/kg wet	10F2648	10F2648-BLK1	06/16/10 00:59
Naphthalene	<0.00170		mg/kg wet	10F2648	10F2648-BLK1	06/16/10 00:59
Toluene	<0.000400		mg/kg wet	10F2648	10F2648-BLK1	06/16/10 00:59
Xylenes, total	<0.00130		mg/kg wet	10F2648	10F2648-BLK1	06/16/10 00:59
Surrogate: 1,2-Dichloroethane-d4	100%			10F2648	10F2648-BLK1	06/16/10 00:59
Surrogate: Dibromofluoromethane	99%			10F2648	10F2648-BLK1	06/16/10 00:59
Surrogate: Toluene-d8	95%			10F2648	10F2648-BLK1	06/16/10 00:59
Surrogate: 4-Bromofluorobenzene	97%			10F2648	10F2648-BLK1	06/16/10 00:59
10F2648-BLK2						
Benzene	<0.0335		mg/kg wet	10F2648	10F2648-BLK2	06/16/10 01:28
Ethylbenzene	<0.0335		mg/kg wet	10F2648	10F2648-BLK2	06/16/10 01:28
Naphthalene	<0.0850		mg/kg wet	10F2648	10F2648-BLK2	06/16/10 01:28
Toluene	<0.0200		mg/kg wet	10F2648	10F2648-BLK2	06/16/10 01:28
Xylenes, total	<0.0650		mg/kg wet	10F2648	10F2648-BLK2	06/16/10 01:28
Surrogate: 1,2-Dichloroethane-d4	103%			10F2648	10F2648-BLK2	06/16/10 01:28
Surrogate: Dibromofluoromethane	99%			10F2648	10F2648-BLK2	06/16/10 01:28
Surrogate: Toluene-d8	95%			10F2648	10F2648-BLK2	06/16/10 01:28
Surrogate: 4-Bromofluorobenzene	102%			10F2648	10F2648-BLK2	06/16/10 01:28

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

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						
Polyaromatic Hydrocarbons by EPA 8270D						
10F1062-BLK1						
Acenaphthene	<0.0220		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
Acenaphthylene	<0.0220		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
Anthracene	<0.0150		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
Benzo (a) anthracene	<0.0130		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
Benzo (a) pyrene	<0.0150		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
Benzo (b) fluoranthene	<0.0170		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
Benzo (g,h,i) perylene	<0.0140		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
Benzo (k) fluoranthene	<0.0190		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
Chrysene	<0.0150		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
Dibenz (a,h) anthracene	<0.0140		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
Fluoranthene	<0.0140		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
Fluorene	<0.0130		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
Indeno (1,2,3-cd) pyrene	<0.0120		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
Naphthalene	<0.0200		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
Phenanthrene	<0.0130		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
Pyrene	<0.0120		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
1-Methylnaphthalene	<0.0170		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
2-Methylnaphthalene	<0.0180		mg/kg wet	10F1062	10F1062-BLK1	06/11/10 20:57
Surrogate: Terphenyl-d14	69%			10F1062	10F1062-BLK1	06/11/10 20:57
Surrogate: 2-Fluorobiphenyl	57%			10F1062	10F1062-BLK1	06/11/10 20:57
Surrogate: Nitrobenzene-d5	57%			10F1062	10F1062-BLK1	06/11/10 20:57

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
10F1253-DUP1										
% Dry Solids	81.7	82.9		%	J	20	10F1253	NTF0416-01		06/09/10 10:29

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
10F0969-BS1								
Benzene	50.0	50.5		ug/kg	101%	78 - 126	10F0969	06/14/10 23:22
Ethylbenzene	50.0	54.7		ug/kg	109%	79 - 130	10F0969	06/14/10 23:22
Naphthalene	50.0	52.7		ug/kg	105%	72 - 150	10F0969	06/14/10 23:22
Toluene	50.0	53.0		ug/kg	108%	76 - 126	10F0969	06/14/10 23:22
Xylenes, total	150	154		ug/kg	103%	80 - 130	10F0969	06/14/10 23:22
Surrogate: 1,2-Dichloroethane-d4	50.0	53.1			106%	67 - 138	10F0969	06/14/10 23:22
Surrogate: Dibromofluoromethane	50.0	50.4			101%	75 - 125	10F0969	06/14/10 23:22
Surrogate: Toluene-d8	50.0	52.7			105%	76 - 129	10F0969	06/14/10 23:22
Surrogate: 4-Bromofluorobenzene	50.0	49.4			99%	67 - 147	10F0969	06/14/10 23:22
10F2648-BS1								
Benzene	50.0	52.4		ug/kg	105%	78 - 126	10F2648	06/16/10 00:00
Ethylbenzene	50.0	52.0		ug/kg	104%	79 - 130	10F2648	06/16/10 00:00
Naphthalene	50.0	52.2		ug/kg	104%	72 - 150	10F2648	06/16/10 00:00
Toluene	50.0	49.6		ug/kg	99%	76 - 126	10F2648	06/16/10 00:00
Xylenes, total	150	156		ug/kg	104%	80 - 130	10F2648	06/16/10 00:00
Surrogate: 1,2-Dichloroethane-d4	50.0	52.6			105%	67 - 138	10F2648	06/16/10 00:00
Surrogate: Dibromofluoromethane	50.0	50.7			101%	75 - 125	10F2648	06/16/10 00:00
Surrogate: Toluene-d8	50.0	48.1			96%	76 - 129	10F2648	06/16/10 00:00
Surrogate: 4-Bromofluorobenzene	50.0	50.2			100%	67 - 147	10F2648	06/16/10 00:00
Polyaromatic Hydrocarbons by EPA 8270D								
10F1062-BS1								
Acenaphthene	1.67	0.988		mg/kg wet	59%	49 - 120	10F1062	06/11/10 21:22
Acenaphthylene	1.67	1.08		mg/kg wet	65%	52 - 120	10F1062	06/11/10 21:22
Anthracene	1.67	1.25		mg/kg wet	75%	58 - 120	10F1062	06/11/10 21:22
Benzo (a) anthracene	1.67	1.12		mg/kg wet	67%	57 - 120	10F1062	06/11/10 21:22
Benzo (a) pyrene	1.67	1.14		mg/kg wet	68%	55 - 120	10F1062	06/11/10 21:22
Benzo (b) fluoranthene	1.67	1.04		mg/kg wet	63%	51 - 123	10F1062	06/11/10 21:22
Benzo (g,h,i) perylene	1.67	1.17		mg/kg wet	70%	49 - 121	10F1062	06/11/10 21:22
Benzo (k) fluoranthene	1.67	1.11		mg/kg wet	66%	42 - 129	10F1062	06/11/10 21:22
Chrysene	1.67	1.18		mg/kg wet	71%	55 - 120	10F1062	06/11/10 21:22
Dibenz (a,h) anthracene	1.67	1.19		mg/kg wet	71%	50 - 123	10F1062	06/11/10 21:22
Fluoranthene	1.67	1.15		mg/kg wet	69%	58 - 120	10F1062	06/11/10 21:22
Fluorene	1.67	1.13		mg/kg wet	68%	54 - 120	10F1062	06/11/10 21:22
Indeno (1,2,3-cd) pyrene	1.67	1.21		mg/kg wet	72%	50 - 122	10F1062	06/11/10 21:22
Naphthalene	1.67	0.924		mg/kg wet	55%	28 - 120	10F1062	06/11/10 21:22
Phenanthrene	1.67	1.09		mg/kg wet	66%	56 - 120	10F1062	06/11/10 21:22
Pyrene	1.67	1.18		mg/kg wet	71%	56 - 120	10F1062	06/11/10 21:22
1-Methylnaphthalene	1.67	0.927		mg/kg wet	56%	36 - 120	10F1062	06/11/10 21:22
2-Methylnaphthalene	1.67	0.997		mg/kg wet	60%	36 - 120	10F1062	06/11/10 21:22

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D								
10F1062-BS1								
Surrogate: Terphenyl-d14	1.67	1.20			72%	18 - 120	10F1062	06/11/10 21:22
Surrogate: 2-Fluorobiphenyl	1.67	0.956			57%	14 - 120	10F1062	06/11/10 21:22
Surrogate: Nitrobenzene-d5	1.67	0.871			52%	17 - 120	10F1062	06/11/10 21:22

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D												
10F1062-BSD1												
Acenaphthene		0.938		mg/kg wet	1.67	56%	49 - 120	5	40	10F1062		06/11/10 21:47
Acenaphthylene		1.02		mg/kg wet	1.67	61%	52 - 120	6	30	10F1062		06/11/10 21:47
Anthracene		1.18		mg/kg wet	1.67	71%	58 - 120	6	50	10F1062		06/11/10 21:47
Benzo (a) anthracene		1.08		mg/kg wet	1.67	65%	57 - 120	4	30	10F1062		06/11/10 21:47
Benzo (a) pyrene		1.09		mg/kg wet	1.67	66%	55 - 120	4	33	10F1062		06/11/10 21:47
Benzo (b) fluoranthene		0.971		mg/kg wet	1.67	58%	51 - 123	7	42	10F1062		06/11/10 21:47
Benzo (g,h,i) perylene		1.11		mg/kg wet	1.67	67%	49 - 121	5	32	10F1062		06/11/10 21:47
Benzo (k) fluoranthene		1.09		mg/kg wet	1.67	66%	42 - 129	2	39	10F1062		06/11/10 21:47
Chrysene		1.11		mg/kg wet	1.67	67%	55 - 120	6	34	10F1062		06/11/10 21:47
Dibenz (a,h) anthracene		1.11		mg/kg wet	1.67	67%	50 - 123	6	31	10F1062		06/11/10 21:47
Fluoranthene		1.10		mg/kg wet	1.67	66%	58 - 120	4	35	10F1062		06/11/10 21:47
Fluorene		1.05		mg/kg wet	1.67	63%	54 - 120	7	37	10F1062		06/11/10 21:47
Indeno (1,2,3-cd) pyrene		1.13		mg/kg wet	1.67	68%	50 - 122	6	32	10F1062		06/11/10 21:47
Naphthalene		0.887		mg/kg wet	1.67	53%	28 - 120	4	34	10F1062		06/11/10 21:47
Phenanthrene		1.04		mg/kg wet	1.67	63%	56 - 120	5	32	10F1062		06/11/10 21:47
Pyrene		1.13		mg/kg wet	1.67	68%	56 - 120	4	40	10F1062		06/11/10 21:47
1-Methylnaphthalene		0.887		mg/kg wet	1.67	53%	36 - 120	4	45	10F1062		06/11/10 21:47
2-Methylnaphthalene		0.961		mg/kg wet	1.67	58%	36 - 120	4	50	10F1062		06/11/10 21:47
Surrogate: Terphenyl-d14		1.16		mg/kg wet	1.67	70%	18 - 120			10F1062		06/11/10 21:47
Surrogate: 2-Fluorobiphenyl		0.937		mg/kg wet	1.67	56%	14 - 120			10F1062		06/11/10 21:47
Surrogate: Nitrobenzene-d5		0.867		mg/kg wet	1.67	52%	17 - 120			10F1062		06/11/10 21:47

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

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 8260B										
10F0969-MS1										
Benzene	ND	0.0431		mg/kg dry	0.0453	95%	42 - 141	10F0969	NTF0533-02	06/15/10 08:16
Ethylbenzene	ND	0.0413		mg/kg dry	0.0453	91%	21 - 165	10F0969	NTF0533-02	06/15/10 08:16
Naphthalene	ND	0.0318		mg/kg dry	0.0453	70%	10 - 160	10F0969	NTF0533-02	06/15/10 08:16
Toluene	ND	0.0445		mg/kg dry	0.0453	98%	45 - 145	10F0969	NTF0533-02	06/15/10 08:16
Xylenes, total	ND	0.124		mg/kg dry	0.136	91%	31 - 159	10F0969	NTF0533-02	06/15/10 08:16
Surrogate: 1,2-Dichloroethane-d4		52.2		ug/kg	50.0	104%	67 - 138	10F0969	NTF0533-02	06/15/10 08:16
Surrogate: Dibromofluoromethane		50.5		ug/kg	50.0	101%	75 - 125	10F0969	NTF0533-02	06/15/10 08:16
Surrogate: Toluene-d8		51.9		ug/kg	50.0	104%	76 - 129	10F0969	NTF0533-02	06/15/10 08:16
Surrogate: 4-Bromofluorobenzene		50.3		ug/kg	50.0	101%	67 - 147	10F0969	NTF0533-02	06/15/10 08:16
10F2648-MS1										
Benzene	ND	0.0442		mg/kg wet	0.0471	94%	42 - 141	10F2648	NTF1246-06	06/16/10 08:21
Ethylbenzene	ND	0.0420		mg/kg wet	0.0471	89%	21 - 165	10F2648	NTF1246-06	06/16/10 08:21
Naphthalene	ND	0.0249		mg/kg wet	0.0471	53%	10 - 160	10F2648	NTF1246-06	06/16/10 08:21
Toluene	ND	0.0413		mg/kg wet	0.0471	88%	45 - 145	10F2648	NTF1246-06	06/16/10 08:21
Xylenes, total	ND	0.125		mg/kg wet	0.141	88%	31 - 159	10F2648	NTF1246-06	06/16/10 08:21
Surrogate: 1,2-Dichloroethane-d4		51.0		ug/kg	50.0	102%	67 - 138	10F2648	NTF1246-06	06/16/10 08:21
Surrogate: Dibromofluoromethane		49.7		ug/kg	50.0	99%	75 - 125	10F2648	NTF1246-06	06/16/10 08:21
Surrogate: Toluene-d8		46.6		ug/kg	50.0	93%	76 - 129	10F2648	NTF1246-06	06/16/10 08:21
Surrogate: 4-Bromofluorobenzene		50.8		ug/kg	50.0	102%	67 - 147	10F2648	NTF1246-06	06/16/10 08:21
Polyaromatic Hydrocarbons by EPA 8270D										
10F1062-MS1										
Acenaphthene	ND	0.651	M8	mg/kg dry	2.02	32%	42 - 120	10F1062	NTF0416-01	06/11/10 22:12
Acenaphthylene	ND	0.720		mg/kg dry	2.02	36%	32 - 120	10F1062	NTF0416-01	06/11/10 22:12
Anthracene	ND	0.888		mg/kg dry	2.02	44%	10 - 200	10F1062	NTF0416-01	06/11/10 22:12
Benzo (a) anthracene	ND	0.829		mg/kg dry	2.02	41%	41 - 120	10F1062	NTF0416-01	06/11/10 22:12
Benzo (a) pyrene	ND	0.803		mg/kg dry	2.02	40%	33 - 121	10F1062	NTF0416-01	06/11/10 22:12
Benzo (b) fluoranthene	ND	0.829		mg/kg dry	2.02	41%	26 - 137	10F1062	NTF0416-01	06/11/10 22:12
Benzo (g,h,i) perylene	ND	0.825		mg/kg dry	2.02	41%	21 - 124	10F1062	NTF0416-01	06/11/10 22:12
Benzo (k) fluoranthene	ND	0.869		mg/kg dry	2.02	43%	14 - 140	10F1062	NTF0416-01	06/11/10 22:12
Chrysene	ND	0.865		mg/kg dry	2.02	43%	28 - 123	10F1062	NTF0416-01	06/11/10 22:12
Dibenz (a,h) anthracene	ND	0.869		mg/kg dry	2.02	43%	25 - 127	10F1062	NTF0416-01	06/11/10 22:12
Fluoranthene	0.0460	0.844		mg/kg dry	2.02	40%	38 - 120	10F1062	NTF0416-01	06/11/10 22:12
Fluorene	ND	0.769	M8	mg/kg dry	2.02	38%	41 - 120	10F1062	NTF0416-01	06/11/10 22:12
Indeno (1,2,3-cd) pyrene	ND	0.855		mg/kg dry	2.02	42%	25 - 123	10F1062	NTF0416-01	06/11/10 22:12
Naphthalene	ND	0.560		mg/kg dry	2.02	28%	25 - 120	10F1062	NTF0416-01	06/11/10 22:12
Phenanthrene	ND	0.794		mg/kg dry	2.02	39%	37 - 120	10F1062	NTF0416-01	06/11/10 22:12

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

PROJECT QUALITY CONTROL DATA Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D										
10F1062-MS1										
Pyrene	ND	0.833		mg/kg dry	2.02	41%	29 - 125	10F1062	NTF0416-01	06/11/10 22:12
1-Methylnaphthalene	ND	0.579		mg/kg dry	2.02	29%	19 - 120	10F1062	NTF0416-01	06/11/10 22:12
2-Methylnaphthalene	ND	0.626		mg/kg dry	2.02	31%	11 - 120	10F1062	NTF0416-01	06/11/10 22:12
Surrogate: Terphenyl-d14		0.775		mg/kg dry	2.02	38%	18 - 120	10F1062	NTF0416-01	06/11/10 22:12
Surrogate: 2-Fluorobiphenyl		0.605		mg/kg dry	2.02	30%	14 - 120	10F1062	NTF0416-01	06/11/10 22:12
Surrogate: Nitrobenzene-d5		0.786		mg/kg dry	2.02	39%	17 - 120	10F1062	NTF0416-01	06/11/10 22:12

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

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 8260B												
10F0969-MSD1												
Benzene	ND	0.0373		mg/kg dry	0.0453	82%	42 - 141	14	50	10F0969	NTF0533-02	06/15/10 08:45
Ethylbenzene	ND	0.0372		mg/kg dry	0.0453	82%	21 - 165	10	50	10F0969	NTF0533-02	06/15/10 08:45
Naphthalene	ND	0.0221		mg/kg dry	0.0453	49%	10 - 160	36	50	10F0969	NTF0533-02	06/15/10 08:45
Toluene	ND	0.0357		mg/kg dry	0.0453	79%	45 - 145	22	50	10F0969	NTF0533-02	06/15/10 08:45
Xylenes, total	ND	0.107		mg/kg dry	0.136	79%	31 - 159	15	50	10F0969	NTF0533-02	06/15/10 08:45
Surrogate: 1,2-Dichloroethane-d4		52.1		ug/kg	50.0	104%	67 - 138			10F0969	NTF0533-02	06/15/10 08:45
Surrogate: Dibromofluoromethane		50.4		ug/kg	50.0	101%	75 - 125			10F0969	NTF0533-02	06/15/10 08:45
Surrogate: Toluene-d8		47.0		ug/kg	50.0	94%	76 - 129			10F0969	NTF0533-02	06/15/10 08:45
Surrogate: 4-Bromofluorobenzene		50.6		ug/kg	50.0	101%	67 - 147			10F0969	NTF0533-02	06/15/10 08:45
10F2648-MSD1												
Benzene	ND	0.0436		mg/kg wet	0.0439	100%	42 - 141	1	50	10F2648	NTF1246-06	06/16/10 08:51
Ethylbenzene	ND	0.0435		mg/kg wet	0.0439	99%	21 - 165	3	50	10F2648	NTF1246-06	06/16/10 08:51
Naphthalene	ND	0.0331		mg/kg wet	0.0439	75%	10 - 160	28	50	10F2648	NTF1246-06	06/16/10 08:51
Toluene	ND	0.0417		mg/kg wet	0.0439	95%	45 - 145	0.9	50	10F2648	NTF1246-06	06/16/10 08:51
Xylenes, total	ND	0.128		mg/kg wet	0.132	98%	31 - 159	3	50	10F2648	NTF1246-06	06/16/10 08:51
Surrogate: 1,2-Dichloroethane-d4		49.2		ug/kg	50.0	99%	67 - 138			10F2648	NTF1246-06	06/16/10 08:51
Surrogate: Dibromofluoromethane		49.0		ug/kg	50.0	98%	75 - 125			10F2648	NTF1246-06	06/16/10 08:51
Surrogate: Toluene-d8		47.0		ug/kg	50.0	94%	76 - 129			10F2648	NTF1246-06	06/16/10 08:51
Surrogate: 4-Bromofluorobenzene		51.6		ug/kg	50.0	103%	67 - 147			10F2648	NTF1246-06	06/16/10 08:51
Polyaromatic Hydrocarbons by EPA 8270D												
10F1062-MSD1												
Acenaphthene	ND	0.768	M8	mg/kg dry	2.02	38%	42 - 120	17	40	10F1062	NTF0416-01	06/11/10 22:37
Acenaphthylene	ND	0.802		mg/kg dry	2.02	40%	32 - 120	11	30	10F1062	NTF0416-01	06/11/10 22:37
Anthracene	ND	0.902		mg/kg dry	2.02	45%	10 - 200	1	50	10F1062	NTF0416-01	06/11/10 22:37
Benzo (a) anthracene	ND	1.06		mg/kg dry	2.02	53%	41 - 120	24	30	10F1062	NTF0416-01	06/11/10 22:37
Benzo (a) pyrene	ND	1.03		mg/kg dry	2.02	51%	33 - 121	24	33	10F1062	NTF0416-01	06/11/10 22:37
Benzo (b) fluoranthene	ND	1.09		mg/kg dry	2.02	54%	26 - 137	27	42	10F1062	NTF0416-01	06/11/10 22:37
Benzo (g,h,i) perylene	ND	0.908		mg/kg dry	2.02	45%	21 - 124	10	32	10F1062	NTF0416-01	06/11/10 22:37
Benzo (k) fluoranthene	ND	0.865		mg/kg dry	2.02	43%	14 - 140	0.5	39	10F1062	NTF0416-01	06/11/10 22:37
Chrysene	ND	1.21		mg/kg dry	2.02	60%	28 - 123	33	34	10F1062	NTF0416-01	06/11/10 22:37
Dibenz (a,h) anthracene	ND	0.892		mg/kg dry	2.02	44%	25 - 127	3	31	10F1062	NTF0416-01	06/11/10 22:37
Fluoranthene	0.0460	1.52	R2	mg/kg dry	2.02	73%	38 - 120	57	35	10F1062	NTF0416-01	06/11/10 22:37
Fluorene	ND	0.817		mg/kg dry	2.02	41%	41 - 120	6	37	10F1062	NTF0416-01	06/11/10 22:37
Indeno (1,2,3-cd) pyrene	ND	0.929		mg/kg dry	2.02	46%	25 - 123	8	32	10F1062	NTF0416-01	06/11/10 22:37
Naphthalene	ND	0.657		mg/kg dry	2.02	33%	25 - 120	16	42	10F1062	NTF0416-01	06/11/10 22:37
Phenanthrene	ND	1.13	R2	mg/kg dry	2.02	56%	37 - 120	35	32	10F1062	NTF0416-01	06/11/10 22:37
Pyrene	ND	1.39	R2	mg/kg dry	2.02	69%	29 - 125	50	40	10F1062	NTF0416-01	06/11/10 22:37
1-Methylnaphthalene	ND	0.657		mg/kg dry	2.02	33%	19 - 120	13	45	10F1062	NTF0416-01	06/11/10 22:37
2-Methylnaphthalene	ND	0.696		mg/kg dry	2.02	35%	11 - 120	11	50	10F1062	NTF0416-01	06/11/10 22:37

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D												
10F1062-MSD1												
Surrogate: Terphenyl-d14		0.701		mg/kg dry	2.02	35%	18 - 120			10F1062	NTF0416-01	06/11/10 22:37
Surrogate: 2-Fluorobiphenyl		0.644		mg/kg dry	2.02	32%	14 - 120			10F1062	NTF0416-01	06/11/10 22:37
Surrogate: Nitrobenzene-d5		0.817		mg/kg dry	2.02	41%	17 - 120			10F1062	NTF0416-01	06/11/10 22:37

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

CERTIFICATION SUMMARY

TestAmerica Nashville

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

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

Work Order: NTF0533
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 06/05/10 08:30

DATA QUALIFIERS AND DEFINITIONS

J Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).
Concentrations within this range are estimated.
M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
R2 The RPD exceeded the acceptance limit.
RL1 Reporting limit raised due to sample matrix effects.
ZX Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

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

NTF0533

06/21/10 23 59

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

Compliance Monitoring? Yes ☐ No ☐

Enforcement Action? Yes ☐ No ☐

Client Name/Account #: EEG # 2449

Address: 10179 Highway 78

City/State/Zip: Ladson, SC 29456

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

Telephone Number: 843.412.2097

Sampler Name: (Print) PRAH SHAW

Sampler Signature: *[Signature]*

Fax No.: (843) 879-0401

Site State: SC

PO#: 0829

TA Quote #:

Project ID: Laurel Bay Housing Project

Project #:

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative							Matrix					Analyze For:										RUSH TAT (Pre-Schedule)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
							Ice	HNO ₃ (Red Label)	NaOH (Orange Label)	H ₂ SO ₄ Plastic (Yellow Label)	H ₂ SO ₄ Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (Specify)	BTEX + Napth - 8260E	PAH - 8270D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

Special Instructions:

Relinquished by:

Relinquished by:

6/4/10 MRS

6/3/10 0730

Date

Time

Time

Method of Shipment:

Received by: FedEx

Received by TestAmerica:

FEDEX

Date

Date

Time

Time

Laboratory Comments:

Temperature Upon Receipt:
VOCs Free of Headspace?

2.3

Y

ATTACHMENT A



NON-HAZARDOUS MANIFEST

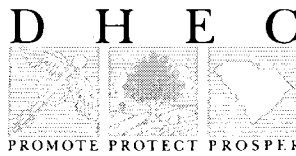
CWM

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

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of 1			
3. Generator's Name and Mailing Address MCAS, Beaufort Laurel Bay Housing Beaufort SC 29904						A. Manifest Number WMNA 10885437			
4. Generator's Phone 843 228-6460						B. State Generator's ID			
5. Transporter 1 Company Name EEG, Inc.			6. US EPA ID Number			C. State Transporter's ID			
7. Transporter 2 Company Name			8. US EPA ID Number			D. Transporter's Phone 843 879-0411			
9. Designated Facility Name and Site Address HICKORY HILL LANDFILL ROUTE 1, BOX 121 RIDGE LAND SC 29936			10. US EPA ID Number			E. State Transporter's ID			
						F. Transporter's Phone			
						G. State Facility's ID			
						H. Facility's Phone 843 987-4643			
11. Description of Waste Materials						12. Containers No.	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Heating Oil Tank filled with Sand									
WM Profile # 102855SC						0 0 1	14102	Ton	
b. WM Profile #									
c. WM Profile #									
WM Profile #									
J. Additional Descriptions for Materials Listed Above Landfill _____ Solidification _____ Bio Remediation _____						K. Disposal Location Cell _____ Level _____ Grid _____			
15. Special Handling Instructions and Additional Information US 13 from houses: 1) 854 Dolphin 2) 855 Dolphin 3) 856 Dolphin 4) 859 Dolphin 5) 862 Dolphin 6) 866 Dolphin						PURCHASE ORDER # _____ EMERGENCY CONTACT: _____			
16. GENERATOR'S CERTIFICATION: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.									
Printed/Typed Name W.B. Dukes, Jr.					Signature "On behalf of" <i>[Signature]</i>			Month Day Year 07/07/10	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name James Baldwin					Signature <i>[Signature]</i>			Month Day Year 10/10/10	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name					Signature			Month Day Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.									
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.									
Printed/Typed Name Toni Cofield					Signature <i>[Signature]</i>			Month Day Year 1/17/10	

Appendix C

Regulatory Correspondence



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

May 15, 2014

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

RE: 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 above 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)



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

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

Laurel Bay Underground Storage Tank Assessment Reports for: (143 addresses/146 tanks)

212 Balsam	503 Laurel Bay
219 Balsam	508 Laurel Bay
260 Beech Tank 1	510 Laurel Bay
260 Beech Tank 2	523 Laurel Bay
267 Birch	525 Laurel Bay
287 Birch	529 Laurel Bay
302 Ash	533 Laurel Bay
305 Ash	537 Laurel Bay
334 Ash	556 Dahlia
338 Ash Tank 1	557 Dahlia
338 Ash Tank 2	559 Dahlia
361 Aspen	562 Dahlia
371 Aspen	568 Dahlia
372 Aspen Tank 1	581 Aster
372 Aspen Tank 2	582 Aster
375 Aspen	584 Aster
385 Aspen	602 Dahlia
403 Elderberry	607 Dahlia
407 Elderberry	614 Dahlia
411 Elderberry	616 Dahlia
414 Elderberry	619 Dahlia
415 Elderberry	625 Dahlia
421 Elderberry	629 Dahlia
427 Elderberry	631 Dahlia
428 Elderberry	634 Dahlia
431 Elderberry	660 Camellia
455 Elderberry	661 Camellia
484 Laurel Bay	666 Camellia
490 Laurel Bay	669 Camellia
502 Laurel Bay	672 Camellia

Laurel Bay Underground Storage Tank Assessment Reports for: (143 addresses/146 tanks) cont.

674 Camellia	880 Cobia
677 Camellia	890 Cobia
679 Camellia	892 Cobia
686 Camellia	900 Barracuda
690 Camellia	906 Barracuda
698 Abelia	911 Barracuda
700 Bluebell	912 Barracuda
704 Bluebell	917 Barracuda
705 Bluebell	919 Barracuda
708 Bluebell	928 Albacore
710 Bluebell	1024 Foxglove
711 Bluebell	1028 Foxglove
714 Bluebell	1029 Foxglove
715 Bluebell	1038 Iris
726 Bluebell	1049 Gardenia
728 Bluebell	1079 Heather
731 Bluebell	1103 Iris
734 Bluebell	1122 Iris
759 Althea	1136 Iris
761 Althea	1173 Bobwhite
773 Althea	1200 Cardinal
778 Laurel Bay	1221 Cardinal
807 Azalea	1238 Dove
814 Azalea	1241 Dove
815 Azalea	1242 Dove
818 Azalea	1248 Dove
820 Azalea	1262 Dove
821 Azalea	1265 Dove
831 Azalea	1267 Dove
832 Azalea	1289 Eagle
834 Azalea	1298 Eagle
835 Azalea	1300 Eagle
841 Azalea	1303 Eagle
853 Dolphin	1304 Eagle
858 Dolphin	1315 Albatross
869 Cobia	1316 Albatross
874 Cobia	1320 Albatross
875 Cobia	1338 Albatross

Laurel Bay Underground Storage Tank Assessment Reports for: (143 addresses/146 tanks) cont.

1340 Albatross	
1342 Albatross	
1344 Cardinal	
1345 Cardinal	
1349 Cardinal	
1355 Cardinal	
1366 Cardinal	
1374 Dove	
1375 Dove	
1415 Albatross	