SUMMARY REPORT 58 DOLPHIN STREET (FORMERLY 853 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 |
| СТО | 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 58 Dolphin Street (Formerly 853 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.



Summary Report 58 Dolphin Street (Formerly 853 Dolphin Street) Laurel Bay Military Housing Area, Marine Corps Air Station Beaufort June 2021

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 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 58 Dolphin Street (Formerly 853 Dolphin Street). Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 853 Dolphin Street* (MCAS Beaufort, 2013). The UST Assessment Report is provided in Appendix B.

2.1 UST Removal and Soil Sampling

On October 3, 2012, a single 280 gallon heating oil UST was removed from the back yard under the patio area at 58 Dolphin Street (Formerly 853 Dolphin 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 5'8" 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 58 Dolphin Street (Formerly 853 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 58 Dolphin Street (Formerly 853 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, 2013. South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 853 Dolphin Street, Laurel Bay Military Housing Area, February 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 1Laboratory Analytical Results - Soil58 Dolphin Street (Formerly 853 Dolphin Street)Laurel Bay Military Housing AreaMarine Corps Air Station BeaufortBeaufort, South Carolina

| Constituent | SCDHEC RBSLs ⁽¹⁾ | Results Sample Collected 10/03/12 | |
|-------------------------------------|----------------------------------|--------------------------------------|--|
| 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:

⁽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

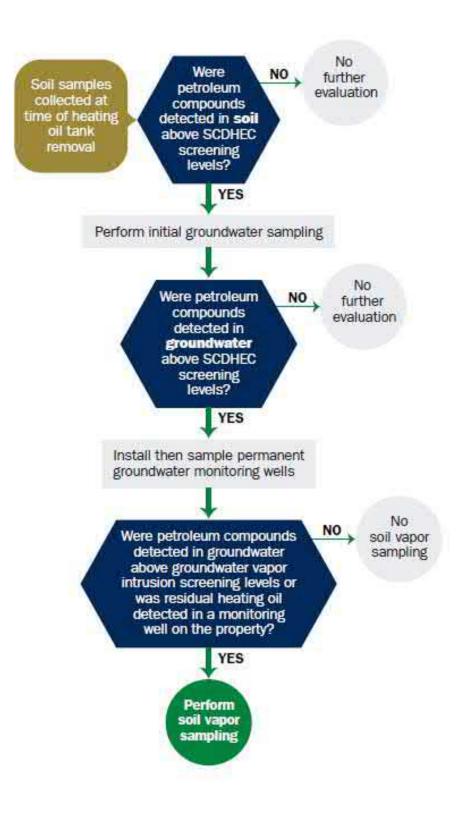
ND - not detected at the reporting limit (or method detection limit if shown on the laboratory report). The laboratory report is provided in Appendix B.

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



Attachment 1

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

| Date Received | |
|----------------|--|
| State Use Only | |

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

I. OWNERSHIP OF UST (S)

| | nding Officer Attn: NR | EAO (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 Mili | ary Housing Area, Marine (| Corps Air Station, Beaufort, SC |
| Facility Name or Compa | • | |
| 853 Dolphin Str Street Address or State F | eet, Laurel Bay Military He | Housing Area |
| 8 | | |
| Beaufort, | Beaufort | |
| City | County | |
| L | | Attachment 2 |

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

| | | 853Dolphin |
|---------|---------------------------------------|-------------|
| A. | Product(ex. Gas, Kerosene) | Heating oil |
| B. | Capacity(ex. 1k, 2k) | 280 gal |
| C. | Age | Late 1950s |
| D. | Construction Material(ex. Steel, FRP) | Steel |
| Е· | Month/Year of Last Use | Mid 1980s |
| F. | Depth (ft.) To Base of Tank | 5'8" |
| G. | Spill Prevention Equipment Y/N | NO |
| H· | Overfill Prevention Equipment Y/N | No |
| | Method of Closure Removed/Filled | Removed |
| I. I | Date Tanks Removed/Filled | 10/3/2012 |
| K. | Visible Corrosion or Pitting Y/N | Yes |
| L. | Visible Holes Y/N | Yes |

M. Method of disposal for any USTs removed from the ground (attach disposal manifests) <u>UST 853Dolphin was removed from the ground and disposed at a</u> 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 853Dolphin 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 <u>Corrosion</u>, pitting and holes were found throughout the tank.

VII. PIPING INFORMATION

| | | 853Dolphin |
|----|---|---|
| | | Steel |
| A. | Construction Material(ex. Steel, FRP) | & Copper |
| B. | Distance from UST to Dispenser | N/A |
| C. | Number of Dispensers | N/A |
| D. | Type of System Pressure or Suction | Suction |
| E. | Was Piping Removed from the Ground? Y/N | No |
| F. | Visible Corrosion or Pitting Y/N | Yes |
| G. | Visible Holes Y/N | No |
| H. | Age | Late 1950s |
| I. | If any corrosion, pitting, or holes were observed, de | scribe the location and extent for each piping run. |

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

VIII. BRIEF SITE DESCRIPTION AND HISTORY

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

| | 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 | |
| If yes, indicate depth and location on the site map. | | | |
| B. Were any petroleum odors detected in the excavation, soil borings, trenches, or monitoring wells? | | х | |
| If yes, indicate location on site map and describe the odor (strong, mild, etc.) | | | |
| C. Was water present in the UST excavation, soil borings, or trenches? | | х | |
| If yes, how far below land surface (indicate location and depth)? | | | |
| D. Did contaminated soils remain stockpiled on site after closure? | | х | |
| If yes, indicate the stockpile location on the site map. Name of DHEC representative authorizing soil removal: | | | |
| | | | |
| E. Was a petroleum sheen or free product detected on any excavation or boring waters? | | х | |
| If yes, indicate location and thickness. | | | |

IX. SITE CONDITIONS

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 # |
|----------------|----------------------|-----------------------------|--------------------------|--------|----------------------------|--------------|-------|
| 853 Dolphin | Excav at fill end | Soil | Sandy | 5'8" | 10/3/12 1200 hrs | P. Shaw | |
| | | | | | | | |
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| 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 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.

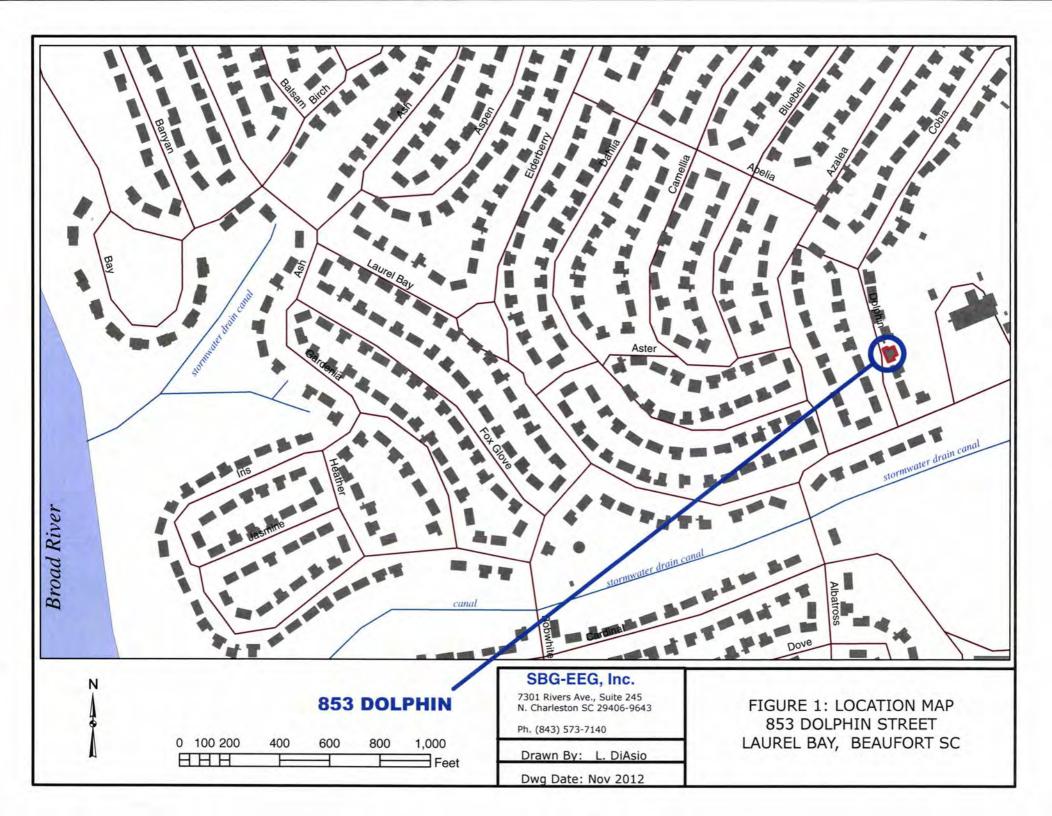
XII. RECEPTORS

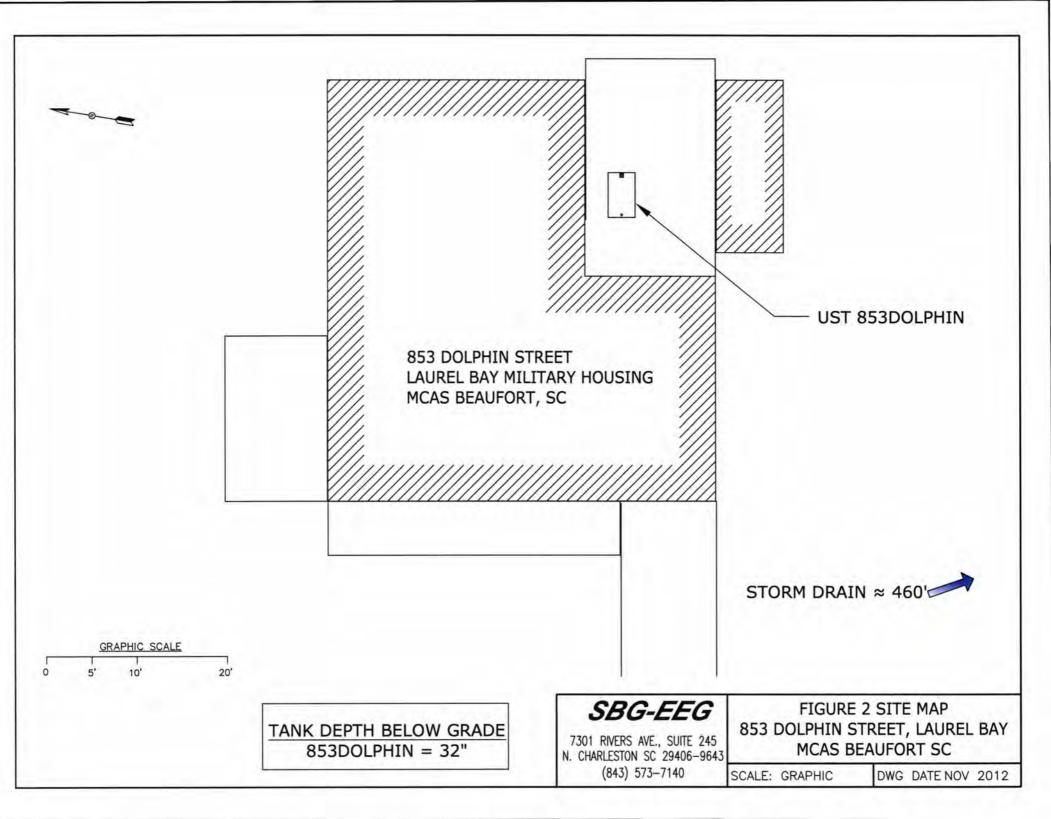
| | | Yes | No |
|----|--|-------|----|
| Α. | Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system? | *X | |
| | • | canal | |
| | If yes, indicate type of receptor, distance, and direction on site map. | | |
| B. | Are there any public, private, or irrigation 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 | *X | |
| | contamination? *Sewer, water, electr | icity | · |
| | cable & fiber optic If yes, indicate the type of utility, distance, and direction on the site map. | | |
| E. | Has contaminated soil been identified at a depth less than 3 feet below land surface in an area that is not capped by asphalt or concrete? | | х |
| | If yes, indicate the area of contaminated soil on the site map. | | |

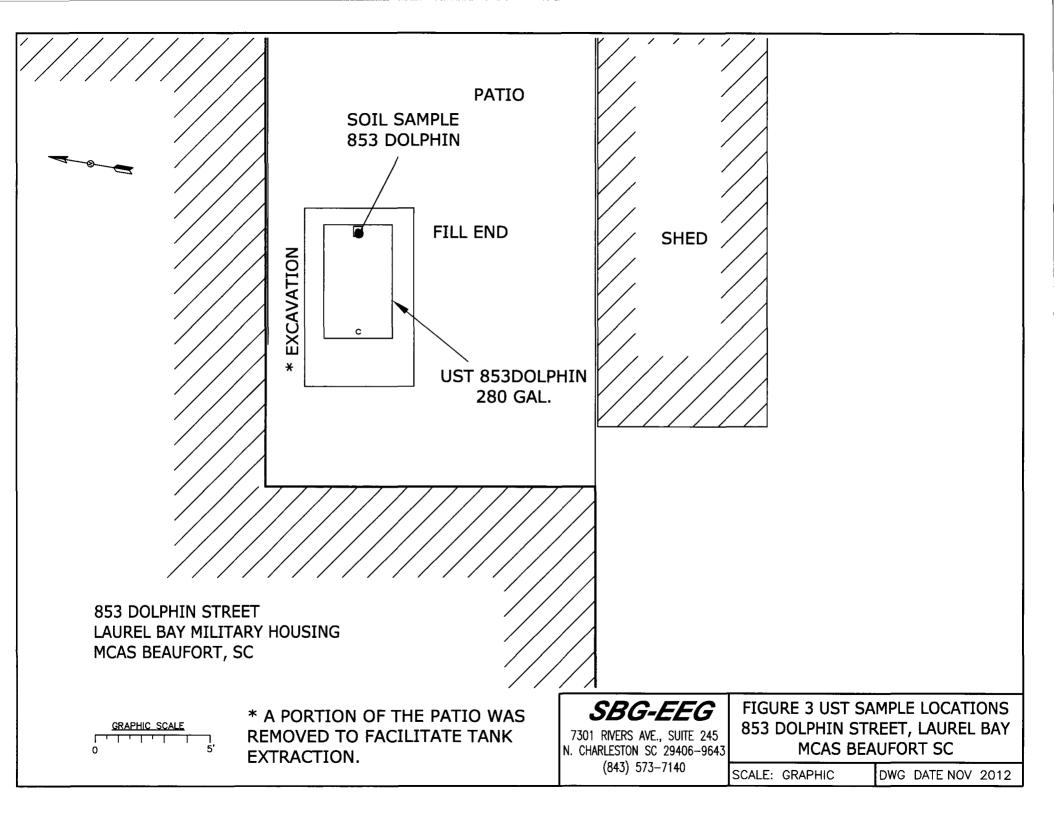
XIII. SITE MAP

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 853Dolphin.



Picture 2: UST 853Dolphin 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 | 953Dolphin | | | |
|--------------------------|------------|------|--|------|
| CoC UST | 853Dolphin | | | |
| Benzene | ND | | | |
| Toluene | ND | | | |
| Ethylbenzene | ND | | | |
| Xylenes | ND | | | |
| Naphthalene | ND | | | |
| Benzo (a) anthracene | ND | | | |
| Benzo (b) fluoranthene | ND | | | |
| Benzo (k) fluoranthene | ND | | | |
| Chrysene | ND | | | |
| Dibenz (a, h) anthracene | ND | | | |
| ТРН (ЕРА 3550) | | | | |
| [| | | | |
| CoC | | | | |
| Benzene | | | | |
| Toluene | | | | |
| Ethylbenzene | | | | |
| Xylenes | | | | |
| Naphthalene | | | | |
| Benzo (a) anthracene | | | | |
| Benzo (b) fluoranthene | | | | |
| Benzo (k) fluoranthene | | | | |
| Chrysene | | | | |
| Dibenz (a, h) anthracene | | | | |
| ТРН (ЕРА 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 | W-1 | W-2 | W -3 | W -4 |
|-----------------------------|------------------|--------|-----|------|------|
| | (µg/l) | •••- • | | | •• |
| Free Product Thickness | None | | | | |
| Benzene | 5 | | | | |
| Toluene | 1,000 | | | | |
| Ethylbenzene | 700 | | | | |
| Xylenes | 10,000 | | | | |
| Total BTEX | N/A | | | | |
| МТВЕ | 40 | | | | |
| Naphthalene | 25 | | | | |
| Benzo (a) anthracene | 10 | | | | |
| Benzo (b) flouranthene | 10 | | | | |
| Benzo (k) flouranthene | 10 | | | | |
| Chrysene | 10 | | | | |
| Dibenz (a, h) anthracene | 10 | | | | |
| EDB | .05 | | | | |
| 1,2-DCA | 5 | | | | |
| Lead | Site specific | | | | |

XV. ANALYTICAL RESULTS

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

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

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

TestAmerica Job ID: 490-8693-1

Client Project/Site: Laurel Bay Housing Project

For:

Environmental Enterprise Group 10179 Highway 78 Ladson, South Carolina 29456

Attn: Mr. Tom McElwee

Kuth Hay

Authorized for release by: 10/22/2012 6:17:54 PM

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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Sample Summary

TestAmerica Job ID: 490-8693-1

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Client: Environmental Enterprise Group Project/Site: Laurel Bay Housing Project

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 490-8693-1 | 508 Laurel Bay | Solid | 10/01/12 15:00 | 10/09/12 08:00 |
| 490-8693-2 | 704 Bluebell | Solid | 10/02/12 11:45 | 10/09/12 08:00 |
| 490-8693-3 | 853 Dolphin | Solid | 10/03/12 12:00 | 10/09/12 08:00 |
| 490-8693-4 | 1351 Cardinal | Solid | 10/04/12 14:15 | 10/09/12 08:00 |

TestAmerica Job ID: 490-8693-1

Client: Environmental Enterprise Group Project/Site: Laurel Bay Housing Project

Job ID: 490-8693-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative 490-8693-1

Comments

No additional comments.

Receipt

The samples were received on 10/9/2012 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.4° C.

GC/MS VOA

Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 27218.

Method(s) 8260B: The method blank for batch 27218 contained Naphthalene above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC/MS Semi VOA

No analytical or quality issues were noted.

Organic Prep

Method(s) Moisture: The sample duplicate precision for the following sample associated with batch 26781 was outside control limits: (500-51048-1 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

No other analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

Definitions/Glossary

Client: Environmental Enterprise Group Project/Site: Laurel Bay Housing Project

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Qualifiers

| GC | /MS | VOA |
|----|-----|-----|
| | | |

| Qualifier | Qualifier Description |
|-----------|--|
| В | Compound was found in the blank and sample. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

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

| Abbreviation | These commonly used abbreviations may or may not be present in this report. | |
|----------------|--|--|
| \$ | 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 | |
| DL, RA, RE, IN | Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample | |
| EDL | Estimated Detection Limit | |
| EPA | United States Environmental Protection Agency | |
| MDL | Method Detection Limit | |
| ML | Minimum Level (Dioxin) | |
| ND | Not detected at the reporting limit (or MDL or EDL if shown) | |
| PQL | Practical Quantitation Limit | |
| QC | Quality Control | |
| RL | Reporting Limit | |
| RPD | Relative Percent Difference, a measure of the relative difference between two points | |
| TEF | Toxicity Equivalent Factor (Dioxin) | |
| TEQ | Toxicity Equivalent Quotient (Dioxin) | |

Client Sample ID: 508 Laurel Bay Date Collected: 10/01/12 15:00 Date Received: 10/09/12 08:00

Lab Sample ID: 490-8693-1 Matrix: Solid Percent Solids: 89.2

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| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|-------|------|----------------|----------------|---------|
| Benzene | ND | | 0.00221 | 0.000741 | mg/Kg | ø | 10/09/12 16:36 | 10/11/12 16:19 | 1 |
| Ethylbenzene | ND | | 0.00221 | 0.000741 | mg/Kg | ¢ | 10/09/12 16:36 | 10/11/12 16:19 | 1 |
| Naphthalene | 0.00217 | JB | 0.00553 | 0.00188 | mg/Kg | 森 | 10/09/12 16:36 | 10/11/12 16:19 | 1 |
| Toluene | ND | | 0.00221 | 0.000819 | mg/Kg | \$\$ | 10/09/12 16:36 | 10/11/12 16:19 | 1 |
| Xylenes, Total | ND | | 0.00553 | 0.000741 | mg/Kg | \$ | 10/09/12 16:36 | 10/11/12 16:19 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 95 | | 70 - 130 | | | | 10/09/12 16:36 | 10/11/12 16:19 | 1 |
| 4-Bromofluorobenzene (Surr) | 111 | | 70 - 130 | | | | 10/09/12 16:36 | 10/11/12 16:19 | 1 |
| Dibromofluoromethane (Surr) | 102 | | 70 - 130 | | | | 10/09/12 16:36 | 10/11/12 16:19 | 1 |
| Toluene-d8 (Surr) | 108 | | 70 - 130 | | | | 10/09/12 16:36 | 10/11/12 16:19 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|---------|-------|----|----------------|----------------|---------|
| Acenaphthene | ND | | 0.0662 | 0.00988 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Acenaphthylene | ND | | 0.0662 | 0.00889 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Anthracene | ND | | 0.0662 | 0.00889 | mg/Kg | ¢ | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Benzo[a]anthracene | ND | | 0.0662 | 0.0148 | mg/Kg | ¢ | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Benzo[a]pyrene | ND | | 0.0662 | 0.0119 | mg/Kg | ¢ | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Benzo[b]fluoranthene | ND | | 0.0662 | 0.0119 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Benzo[g,h,i]perylene | ND | | 0.0662 | 0.00889 | mg/Kg | ¢ | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Benzo[k]fluoranthene | ND | | 0.0662 | 0.0138 | mg/Kg | 0 | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Pyrene | ND | | 0.0662 | 0.0119 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Phenanthrene | ND | | 0.0662 | 0.00889 | mg/Kg | ¢. | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Chrysene | ND | | 0.0662 | 0.00889 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Dibenz(a,h)anthracene | ND | | 0.0662 | 0.00692 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Fluoranthene | ND | | 0.0662 | 0.00889 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Fluorene | ND | | 0.0662 | 0.0119 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 0.0662 | 0.00988 | mg/Kg | Q | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Naphthalene | ND | | 0.0662 | 0.00889 | mg/Kg | ø | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| 2-Methylnaphthalene | ND | | 0.0662 | 0.0158 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| 1-Methylnaphthalene | ND | | 0.0662 | 0.0138 | mg/Kg | ø | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl (Surr) | 53 | | 29 - 120 | | | | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Terphenyl-d14 (Surr) | 79 | | 13 - 120 | | | | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| Nitrobenzene-d5 (Surr) | 54 | | 27 - 120 | | | | 10/12/12 13:26 | 10/15/12 17:51 | 1 |
| General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Percent Solids | 89 | | 0.10 | 0.10 | % | | | 10/09/12 15:35 | 1 |

Client Sample ID: 704 Bluebell

Date Collected: 10/02/12 11:45 Date Received: 10/09/12 08:00

| Method: 8260B - Volatile Orga | nic Compounds | (GC/MS) | | | | | | | |
|-------------------------------|---------------|-----------|----------|----------|-------|----|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | ND | | 0.00219 | 0.000735 | mg/Kg | 12 | 10/09/12 16:36 | 10/11/12 16:46 | 1 |
| Ethylbenzene | ND | | 0.00219 | 0.000735 | mg/Kg | ø | 10/09/12 16:36 | 10/11/12 16:46 | 1 |
| Naphthalene | ND | | 0.00549 | 0.00187 | mg/Kg | \$ | 10/09/12 16:36 | 10/11/12 16:46 | 1 |
| Toluene | ND | | 0.00219 | 0.000812 | mg/Kg | 0 | 10/09/12 16:36 | 10/11/12 16:46 | 1 |
| Xylenes, Total | ND | | 0.00549 | 0.000735 | mg/Kg | D | 10/09/12 16:36 | 10/11/12 16:46 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 97 | | 70 - 130 | | | | 10/09/12 16:36 | 10/11/12 16:46 | 1 |
| 4-Bromofluorobenzene (Surr) | 113 | | 70 - 130 | | | | 10/09/12 16:36 | 10/11/12 16:46 | 1 |
| Dibromofluoromethane (Surr) | 102 | | 70 - 130 | | | | 10/09/12 16:36 | 10/11/12 16:46 | 1 |
| Toluene-d8 (Surr) | 107 | | 70 - 130 | | | | 10/09/12 16:36 | 10/11/12 16:46 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|---------|-------|-------|----------------|----------------|---------|
| Acenaphthene | ND | | 0.0661 | 0.00987 | mg/Kg | ÷D | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Acenaphthylene | ND | | 0.0661 | 0.00888 | mg/Kg | ø | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Anthracene | 0.0244 | J | 0.0661 | 0.00888 | mg/Kg | \$\$5 | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Benzo[a]anthracene | 0.132 | | 0.0661 | 0.0148 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Benzo[a]pyrene | ND | | 0.0661 | 0.0118 | mg/Kg | Ċ. | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Benzo[b]fluoranthene | ND | | 0.0661 | 0.0118 | mg/Kg | Ģ | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Benzo[g,h,i]perylene | ND | | 0.0661 | 0.00888 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Benzo[k]fluoranthene | ND | | 0.0661 | 0.0138 | mg/Kg | Ø | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Pyrene | 0.372 | | 0.0661 | 0.0118 | mg/Kg | O. | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Phenanthrene | 0.0649 | J | 0.0661 | 0.00888 | mg/Kg | Q | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Chrysene | 0.0702 | | 0.0661 | 0.00888 | mg/Kg | 0 | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Dibenz(a,h)anthracene | ND | | 0.0661 | 0.00691 | mg/Kg | 0 | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Fluoranthene | 0.448 | | 0.0661 | 0.00888 | mg/Kg | 0 | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Fluorene | ND | | 0.0661 | 0.0118 | mg/Kg | 0 | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 0.0661 | 0.00987 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Naphthalene | ND | | 0.0661 | 0.00888 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| 2-Methylnaphthalene | ND | | 0.0661 | 0.0158 | mg/Kg | 0 | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| 1-Methylnaphthalene | ND | | 0.0661 | 0.0138 | mg/Kg | ¢ | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl (Surr) | 58 | | 29 - 120 | | | | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Terphenyl-d14 (Surr) | 77 | | 13 - 120 | | | | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| Nitrobenzene-d5 (Surr) | 56 | | 27 - 120 | | | | 10/12/12 13:26 | 10/15/12 18:12 | 1 |
| General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Percent Solids | 95 | | 0.10 | 0.10 | % | | | 10/09/12 15:35 | 1 |

Lab Sample ID: 490-8693-2 Matrix: Solid

Percent Solids: 95.3

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Lab Sample ID: 490-8693-3

Matrix: Solid

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Percent Solids: 91.1

Client Sample ID: 853 Dolphin

Date Collected: 10/03/12 12:00 Date Received: 10/09/12 08:00

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|-------|-----|----------------|----------------|---------|
| Benzene | ND | | 0.00238 | 0.000797 | mg/Kg | 53 | 10/09/12 16:36 | 10/11/12 17:13 | 1 |
| Ethylbenzene | ND | | 0.00238 | 0.000797 | mg/Kg | * | 10/09/12 16:36 | 10/11/12 17:13 | 1 |
| Naphthalene | ND | | 0.00595 | 0.00202 | mg/Kg | \$ | 10/09/12 16:36 | 10/11/12 17:13 | 1 |
| Toluene | ND | | 0.00238 | 0.000881 | mg/Kg | -22 | 10/09/12 16:36 | 10/11/12 17:13 | 1 |
| Xylenes, Total | ND | | 0.00595 | 0.000797 | mg/Kg | Ø | 10/09/12 16:36 | 10/11/12 17:13 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 95 | | 70 - 130 | | | | 10/09/12 16:36 | 10/11/12 17:13 | 1 |
| 4-Bromofluorobenzene (Surr) | 110 | | 70 - 130 | | | | 10/09/12 16:36 | 10/11/12 17:13 | 1 |
| Dibromofluoromethane (Surr) | 103 | | 70 - 130 | | | | 10/09/12 16:36 | 10/11/12 17:13 | 1 |
| Toluene-d8 (Surr) | 109 | | 70 - 130 | | | | 10/09/12 16:36 | 10/11/12 17:13 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|---------|-------|----|----------------|----------------|---------|
| Acenaphthene | ND | | 0.0650 | 0.00970 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Acenaphthylene | ND | | 0.0650 | 0.00873 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Anthracene | ND | | 0.0650 | 0.00873 | mg/Kg | ¢ | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Benzo[a]anthracene | ND | | 0.0650 | 0.0146 | mg/Kg | æ | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Benzo[a]pyrene | ND | | 0.0650 | 0.0116 | mg/Kg | 0 | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Benzo[b]fluoranthene | ND | | 0.0650 | 0.0116 | mg/Kg | ¢ | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Benzo[g,h,i]perylene | ND | | 0.0650 | 0.00873 | mg/Kg | 0 | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Benzo[k]fluoranthene | ND | | 0.0650 | 0.0136 | mg/Kg | Ø | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Pyrene | ND | | 0.0650 | 0.0116 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Phenanthrene | ND | | 0.0650 | 0.00873 | mg/Kg | ø | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Chrysene | ND | | 0.0650 | 0.00873 | mg/Kg | ø | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Dibenz(a,h)anthracene | ND | | 0.0650 | 0.00679 | mg/Kg | 4 | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Fluoranthene | ND | | 0.0650 | 0.00873 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Fluorene | ND | | 0.0650 | 0.0116 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 0.0650 | 0.00970 | mg/Kg | ø | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Naphthalene | ND | | 0.0650 | 0.00873 | mg/Kg | ø | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| 2-Methylnaphthalene | ND | | 0.0650 | 0.0155 | mg/Kg | ¢ | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| 1-Methylnaphthalene | ND | | 0.0650 | 0.0136 | mg/Kg | ¢. | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl (Surr) | 45 | 1 | 29 - 120 | | | | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Terphenyl-d14 (Surr) | 67 | | 13 - 120 | | | | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| Nitrobenzene-d5 (Surr) | 43 | | 27 - 120 | | | | 10/12/12 13:26 | 10/15/12 18:33 | 1 |
| General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Percent Solids | 91 | | 0.10 | 0.10 | % | | | 10/09/12 15:35 | 1 |

Client Sample ID: 1351 Cardinal Date Collected: 10/04/12 14:15 Date Received: 10/09/12 08:00

Lab Sample ID: 490-8693-4 Matrix: Solid Percent Solids: 82.0

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| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|-------|----|----------------|----------------|---------|
| Benzene | 0.0311 | | 0.00226 | 0.000756 | mg/Kg | Ø | 10/09/12 16:36 | 10/11/12 17:40 | 1 |
| Ethylbenzene | 0.00919 | | 0.00226 | 0.000756 | mg/Kg | \$ | 10/09/12 16:36 | 10/11/12 17:40 | 1 |
| Naphthalene | 0.0181 | В | 0.00564 | 0.00192 | mg/Kg | ¢ | 10/09/12 16:36 | 10/11/12 17:40 | 1 |
| Toluene | 0.0529 | | 0.00226 | 0.000835 | mg/Kg | ¢ | 10/09/12 16:36 | 10/11/12 17:40 | 1 |
| Xylenes, Total | 0.0540 | | 0.00564 | 0.000756 | mg/Kg | \$ | 10/09/12 16:36 | 10/11/12 17:40 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 93 | | 70 - 130 | | | | 10/09/12 16:36 | 10/11/12 17:40 | 1 |
| 4-Bromofluorobenzene (Surr) | 109 | | 70 - 130 | | | | 10/09/12 16:36 | 10/11/12 17:40 | 1 |
| Dibromofluoromethane (Surr) | 103 | | 70 - 130 | | | | 10/09/12 16:36 | 10/11/12 17:40 | 1 |
| Toluene-d8 (Surr) | 108 | | 70 - 130 | | | | 10/09/12 16:36 | 10/11/12 17:40 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|---------|-------|----|----------------|----------------|---------|
| Acenaphthene | ND | | 0.0654 | 0.00976 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Acenaphthylene | ND | | 0.0654 | 0.00878 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Anthracene | ND | | 0.0654 | 0.00878 | mg/Kg | ¢ | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Benzo[a]anthracene | ND | | 0.0654 | 0.0146 | mg/Kg | 0 | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Benzo[a]pyrene | ND | | 0.0654 | 0.0117 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Benzo[b]fluoranthene | ND | | 0.0654 | 0.0117 | mg/Kg | ø | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Benzo[g,h,i]perylene | ND | | 0.0654 | 0.00878 | mg/Kg | æ | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Benzo[k]fluoranthene | ND | | 0.0654 | 0.0137 | mg/Kg | ¢ | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Pyrene | ND | | 0.0654 | 0.0117 | mg/Kg | ¢ | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Phenanthrene | ND | | 0.0654 | 0.00878 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Chrysene | ND | | 0.0654 | 0.00878 | mg/Kg | ø | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Dibenz(a,h)anthracene | ND | | 0.0654 | 0.00683 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Fluoranthene | ND | | 0.0654 | 0.00878 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Fluorene | ND | | 0.0654 | 0.0117 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 0.0654 | 0.00976 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Naphthalene | ND | | 0.0654 | 0.00878 | mg/Kg | ¢ | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| 2-Methylnaphthalene | ND | | 0.0654 | 0.0156 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| 1-Methylnaphthalene | ND | | 0.0654 | 0.0137 | mg/Kg | \$ | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl (Surr) | 61 | | 29 - 120 | | | | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Terphenyl-d14 (Surr) | 72 | | 13 - 120 | | | | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| Nitrobenzene-d5 (Surr) | 63 | | 27 - 120 | | | | 10/12/12 13:26 | 10/15/12 18:53 | 1 |
| General Chemistry | | | | | | | | | |
| Analyte | Result | Qualifier | RL | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Percent Solids | 82 | | 0.10 | 0.10 | % | - | | 10/09/12 15:35 | 1 |

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

| Lab Sample ID: MB 490-27218/6 | | | | | | | Client S | ample ID: Metho | d Blank |
|-------------------------------|-----------|-----------|----------|----------|-------|---|----------|-----------------|---------|
| Matrix: Solid | | | | | | | | Prep Type: T | otal/NA |
| Analysis Batch: 27218 | | | | | | | | | |
| | MB | MB | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | ND | | 0.00200 | 0.000670 | mg/Kg | | | 10/11/12 08:55 | 1 |
| Ethylbenzene | ND | | 0.00200 | 0.000670 | mg/Kg | | | 10/11/12 08:55 | 1 |
| Naphthalene | 0.002298 | J | 0.00500 | 0.00170 | mg/Kg | | | 10/11/12 08:55 | 1 |
| Toluene | ND | | 0.00200 | 0.000740 | mg/Kg | | | 10/11/12 08:55 | 1 |
| Xylenes, Total | ND | | 0.00500 | 0.000670 | mg/Kg | | | 10/11/12 08:55 | 1 |
| | MB | MB | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 94 | | 70 - 130 | | | | | 10/11/12 08:55 | 1 |
| 4-Bromofluorobenzene (Surr) | 110 | | 70 - 130 | | | | | 10/11/12 08:55 | 1 |
| Dibromofluoromethane (Surr) | 102 | | 70 - 130 | | | | | 10/11/12 08:55 | 1 |
| Toluene-d8 (Surr) | 109 | | 70 - 130 | | | | | 10/11/12 08:55 | 1 |

Lab Sample ID: LCS 490-27218/3 Matrix: Solid Analysis Batch: 27218

| | Spike | LCS | LCS | | | | %Rec. | |
|----------------|------------|---------|-----------|-------|---|------|----------|--|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Benzene | 0.0500 | 0.04811 | | mg/Kg | | 96 | 75 - 127 | |
| Ethylbenzene | 0.0500 | 0.04986 | | mg/Kg | | 100 | 80 - 134 | |
| Naphthalene | 0.0500 | 0.05048 | | mg/Kg | | 101 | 69 - 150 | |
| Toluene | 0.0500 | 0.05028 | | mg/Kg | | 101 | 80 - 132 | |
| Xylenes, Total | 0.150 | 0.1537 | | mg/Kg | | 102 | 80 - 137 | |
| | the second | | | | | | | |

| LCS | LCS | |
|-----------|-------------------------------|------------------|
| %Recovery | Qualifier | Limits |
| 93 | | 70 - 130 |
| 112 | | 70 - 130 |
| 101 | | 70 - 130 |
| 107 | | 70 - 130 |
| | %Recovery 93 112 101 | 93 112 101 |

Lab Sample ID: LCSD 490-27218/4 Matrix: Solid

Analysis Batch

Analyte

Benzene

Toluene

Ethylbenzene

Naphthalene

Xylenes, Total

| h: 27218 | | | | | | | Prep 1 | ype: 10 | al/NA |
|----------|--------|---------|-----------|-------|---|------|----------|---------|-------|
| 1. 21210 | Spike | LCSD | LCSD | | | | %Rec. | | RPD |
| | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| | 0.0500 | 0.04930 | | mg/Kg | | 99 | 75 - 127 | 2 | 50 |
| | 0.0500 | 0.05083 | | mg/Kg | | 102 | 80 - 134 | 2 | 50 |
| | 0.0500 | 0.04942 | | mg/Kg | | 99 | 69 - 150 | 2 | 50 |
| | 0.0500 | 0.05153 | | mg/Kg | | 103 | 80 - 132 | 2 | 50 |
| | 0.0500 | 0.05153 | | mg/Kg | | 103 | 80 - 132 | 2 | |

0.1549

| LCSD | LCSD | |
|-----------|-------------------------------|------------------|
| %Recovery | Qualifier | Limits |
| 94 | | 70 - 130 |
| 110 | | 70 - 130 |
| 102 | | 70 - 130 |
| 109 | | 70 - 130 |
| | %Recovery 94 110 102 | 94 110 102 |

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

50

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

80 - 137

103

mg/Kg

0.150

Client Sample ID: Method Blank

10/12/12 13:26

10/12/12 13:26

10/15/12 11:19

10/15/12 11:19

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

L

2

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

Lab Sample ID: MB 490-27734/1-A Matrix: Solid Analysis Batch: 28036

| matrix. Gond | | | | | | | | Trop Type. | Clanter |
|-------------------------|-----------|-----------|----------|---------|-------|---|----------------|----------------|----------|
| Analysis Batch: 28036 | | | | | | | | Prep Batch | n: 27734 |
| | MB | MB | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Acenaphthene | ND | | 0.0670 | 0.0100 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| Acenaphthylene | ND | | 0.0670 | 0.00900 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| Anthracene | ND | | 0.0670 | 0.00900 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| Benzo[a]anthracene | ND | | 0.0670 | 0.0150 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| Benzo[a]pyrene | ND | | 0.0670 | 0.0120 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| Benzo[b]fluoranthene | ND | | 0.0670 | 0.0120 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| Benzo[g,h,i]perylene | ND | | 0.0670 | 0.00900 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| Benzo[k]fluoranthene | ND | | 0.0670 | 0.0140 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| Pyrene | ND | | 0.0670 | 0.0120 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| Phenanthrene | ND | | 0.0670 | 0.00900 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| Chrysene | ND | | 0.0670 | 0.00900 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| Dibenz(a,h)anthracene | ND | | 0.0670 | 0.00700 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| Fluoranthene | ND | | 0.0670 | 0.00900 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| Fluorene | ND | | 0.0670 | 0.0120 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 0.0670 | 0.0100 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| Naphthalene | ND | | 0.0670 | 0.00900 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| 2-Methylnaphthalene | ND | | 0.0670 | 0.0160 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| 1-Methylnaphthalene | ND | | 0.0670 | 0.0140 | mg/Kg | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| | мв | МВ | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl (Surr) | 72 | | 29 - 120 | | | | 10/12/12 13:26 | 10/15/12 11:19 | 1 |
| | | | | | | | | | |

| Lab Sample ID: LCS 490-27734 | /2-A |
|------------------------------|------|
| Matrix: Solid | |

Analysis Batch: 28036

Terphenyl-d14 (Surr)

Surrogate

Nitrobenzene-d5 (Surr)

| Analysis Batch: 28036 | | | | | | | | Prep Batch: 27734 |
|------------------------|---------|-------|--------|-----------|-------|---|------|-------------------|
| | | Spike | LCS | LCS | | | | %Rec. |
| Analyte | | Added | Result | Qualifier | Unit | D | %Rec | Limits |
| Acenaphthylene | | 1.67 | 1.355 | | mg/Kg | | 81 | 38 - 120 |
| Anthracene | | 1.67 | 1.373 | | mg/Kg | | 82 | 46 - 124 |
| Benzo[a]anthracene | | 1.67 | 1.417 | | mg/Kg | | 85 | 45 - 120 |
| Benzo[a]pyrene | | 1.67 | 1.493 | | mg/Kg | | 90 | 45 - 120 |
| Benzo[b]fluoranthene | | 1.67 | 1.419 | | mg/Kg | | 85 | 42 - 120 |
| Benzo[g,h,i]perylene | | 1.67 | 1.383 | | mg/Kg | | 83 | 38 - 120 |
| Benzo[k]fluoranthene | | 1.67 | 1.581 | | mg/Kg | | 95 | 42 - 120 |
| Pyrene | | 1.67 | 1.455 | | mg/Kg | | 87 | 43 - 120 |
| Phenanthrene | | 1.67 | 1.378 | | mg/Kg | | 83 | 45 - 120 |
| Chrysene | | 1.67 | 1.380 | | mg/Kg | | 83 | 43 - 120 |
| Dibenz(a,h)anthracene | | 1.67 | 1.264 | | mg/Kg | | 76 | 32 - 128 |
| Fluoranthene | | 1.67 | 1.386 | | mg/Kg | | 83 | 46 - 120 |
| Fluorene | | 1.67 | 1.458 | | mg/Kg | | 87 | 42 - 120 |
| Indeno[1,2,3-cd]pyrene | | 1.67 | 1.385 | | mg/Kg | | 83 | 41 - 121 |
| Naphthalene | | 1.67 | 1.372 | | mg/Kg | | 82 | 32 - 120 |
| 2-Methylnaphthalene | | 1.67 | 1.281 | | mg/Kg | | 77 | 28 - 120 |
| 1-Methylnaphthalene | | 1.67 | 1.239 | | mg/Kg | | 74 | 32 - 120 |
| | LCS LCS | | | | | | | |

13 - 120

27 - 120

95

69

TestAmerica Nashville 10/22/2012

Limits 29 - 120

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 27734

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

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

Lab Sample ID: LCS 490-27734/2-A Matrix: Solid Analysis Batch: 28036

| LCS | LCS | |
|-----------|-----------|----------|
| %Recovery | Qualifier | Limits |
| 75 | | 13 - 120 |

| Terphenyl-d14 (Surr) Nitrobenzene-d5 (Surr) | 75 | 13 - 120 |
|--|----|----------|
| Nitrobenzene-d5 (Surr) | 56 | 27 - 120 |
| | | |

Lab Sample ID: LCSD 490-27734/3-A Matrix: Solid

. ----

Surrogate

| Analysis Batch: 28036 | | | | | | | Prep | Batch: | 27734 |
|------------------------|-------|--------|-----------|-------|---|------|----------|--------|-------|
| | Spike | LCSD | LCSD | | | | %Rec. | | RPD |
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Acenaphthylene | 1.67 | 1.501 | | mg/Kg | | 90 | 38 - 120 | 10 | 50 |
| Anthracene | 1.67 | 1.470 | | mg/Kg | | 88 | 46 - 124 | 7 | 49 |
| Benzo[a]anthracene | 1.67 | 1.504 | | mg/Kg | | 90 | 45 - 120 | 6 | 50 |
| Benzo[a]pyrene | 1.67 | 1.582 | | mg/Kg | | 95 | 45 - 120 | 6 | 50 |
| Benzo[b]fluoranthene | 1.67 | 1.454 | | mg/Kg | | 87 | 42 - 120 | 2 | 50 |
| Benzo[g,h,i]perylene | 1.67 | 1.462 | | mg/Kg | | 88 | 38 - 120 | 6 | 50 |
| Benzo[k]fluoranthene | 1.67 | 1.628 | | mg/Kg | | 98 | 42 - 120 | 3 | 45 |
| Pyrene | 1.67 | 1.550 | | mg/Kg | | 93 | 43 - 120 | 6 | 50 |
| Phenanthrene | 1.67 | 1.479 | | mg/Kg | | 89 | 45 - 120 | 7 | 50 |
| Chrysene | 1.67 | 1.489 | | mg/Kg | | 89 | 43 - 120 | 8 | 49 |
| Dibenz(a,h)anthracene | 1.67 | 1.321 | | mg/Kg | | 79 | 32 - 128 | 4 | 50 |
| Fluoranthene | 1.67 | 1.471 | | mg/Kg | | 88 | 46 - 120 | 6 | 50 |
| Fluorene | 1.67 | 1.543 | | mg/Kg | | 93 | 42 - 120 | 6 | 50 |
| Indeno[1,2,3-cd]pyrene | 1.67 | 1.438 | | mg/Kg | | 86 | 41 - 121 | 4 | 50 |
| Naphthalene | 1.67 | 1.521 | | mg/Kg | | 91 | 32 - 120 | 10 | 50 |
| 2-Methylnaphthalene | 1.67 | 1.421 | | mg/Kg | | 85 | 28 - 120 | 10 | 50 |
| 1-Methylnaphthalene | 1.67 | 1.359 | | mg/Kg | | 82 | 32 - 120 | 9 | 50 |
| | | | | | | | | | |

| | LCSD | LCSD | |
|-------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 2-Fluorobiphenyl (Surr) | 64 | | 29 - 120 |
| Terphenyl-d14 (Surr) | 80 | | 13 - 120 |
| Nitrobenzene-d5 (Surr) | 61 | | 27 - 120 |

Lab Sample ID: 490-8674-A-8-E MS Matrix: Solid

Analysis Batch: 28036

| Analysis Batch: 28036 | | | | | | | | | Prep Batch: 27734 |
|-----------------------|--------|-----------|-------|--------|-----------|-------|----|------|-------------------|
| Analysis Datch. 20050 | Sample | Sample | Spike | MS | MS | | | | %Rec. |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits |
| Acenaphthylene | 0.0623 | J | 1.66 | 1.502 | | mg/Kg | ã | 86 | 25 - 120 |
| Anthracene | 0.0907 | | 1.66 | 1.431 | | mg/Kg | ¢ | 81 | 28 - 125 |
| Benzo[a]anthracene | 0.382 | | 1.66 | 1.680 | | mg/Kg | ¢ | 78 | 23 - 120 |
| Benzo[a]pyrene | 0.373 | | 1.66 | 1.860 | | mg/Kg | ø | 89 | 15 - 128 |
| Benzo[b]fluoranthene | 0.845 | | 1.66 | 2.110 | | mg/Kg | \$ | 76 | 12 - 133 |
| Benzo[g,h,i]perylene | 0.205 | | 1.66 | 1.387 | | mg/Kg | ¢ | 71 | 22 - 120 |
| Benzo[k]fluoranthene | 0.295 | | 1.66 | 1.790 | | mg/Kg | \$ | 90 | 28 - 120 |
| Pyrene | 0.641 | | 1.66 | 1.876 | | mg/Kg | \$ | 74 | 20 - 123 |
| Phenanthrene | 0.123 | | 1.66 | 1.412 | | mg/Kg | ø | 77 | 21 - 122 |
| Chrysene | 0.535 | | 1.66 | 1.745 | | mg/Kg | 0 | 73 | 20 - 120 |
| Dibenz(a,h)anthracene | 0.0666 | | 1.66 | 1.208 | | mg/Kg | Q | 69 | 12 - 128 |
| Fluoranthene | 0.638 | | 1.66 | 1.899 | | mg/Kg | * | 76 | 10 - 143 |
| Fluorene | ND | | 1.66 | 1.441 | | mg/Kg | 0 | 87 | 20 - 120 |

TestAmerica Nashville 10/22/2012

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

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

63

65

59

| Lab Sample ID: 490-8674-A-8-E M Matrix: Solid | S | | | | | | | Client | Sample ID: Matrix Spike Prep Type: Total/NA |
|--|-----------|-----------|----------|--------|-----------|-------|---|--------|--|
| Analysis Batch: 28036 | | | | | | | | | Prep Batch: 27734 |
| | Sample | Sample | Spike | MS | MS | | | | %Rec. |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits |
| Indeno[1,2,3-cd]pyrene | 0.202 | | 1.66 | 1.380 | | mg/Kg | Ø | 71 | 22 - 121 |
| Naphthalene | 0.0365 | J | 1.66 | 1.531 | | mg/Kg | ø | 90 | 10 - 120 |
| 2-Methylnaphthalene | 0.0410 | J | 1.66 | 1.405 | | mg/Kg | ¢ | 82 | 13 - 120 |
| 1-Methylnaphthalene | 0.0323 | J | 1.66 | 1.371 | | mg/Kg | ø | 80 | 10 - 120 |
| | MS | MS | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | |
| 2-Fluorobiphenyl (Surr) | 61 | | 29 - 120 | | | | | | |
| Terphenyl-d14 (Surr) | 72 | | 13 - 120 | | | | | | |

27 - 120

Lab Sample ID: 490-8674-A-8-F MSD Matrix: Solid

Nitrobenzene-d5 (Surr)

| Analysis Batch: 28036 | | | | | | | | | | Batch: | |
|-------------------------|-----------|-----------|----------|--------|-----------|-------|-------------|------|----------|--------|-------|
| | Sample | Sample | Spike | MSD | MSD | | | | %Rec. | | RPD |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Acenaphthylene | 0.0623 | J | 1.63 | 1.505 | | mg/Kg | ¢ | 89 | 25 - 120 | 0 | 50 |
| Anthracene | 0.0907 | | 1.63 | 1.434 | | mg/Kg | ¢ | 83 | 28 - 125 | 0 | 49 |
| Benzo[a]anthracene | 0.382 | | 1.63 | 1.805 | | mg/Kg | ¢ | 88 | 23 - 120 | 7 | 50 |
| Benzo[a]pyrene | 0.373 | | 1.63 | 2.027 | | mg/Kg | \$\$E | 102 | 15 - 128 | 9 | 50 |
| Benzo[b]fluoranthene | 0.845 | | 1.63 | 2.799 | | mg/Kg | ¢ | 120 | 12 - 133 | 28 | 50 |
| Benzo[g,h,i]perylene | 0.205 | | 1.63 | 1.501 | | mg/Kg | ¢ | 80 | 22 - 120 | 8 | 50 |
| Benzo[k]fluoranthene | 0.295 | | 1.63 | 1.907 | | mg/Kg | ¢ | 99 | 28 - 120 | 6 | 45 |
| Pyrene | 0.641 | | 1.63 | 2.316 | | mg/Kg | ø | 103 | 20 - 123 | 21 | 50 |
| Phenanthrene | 0.123 | | 1.63 | 1.374 | | mg/Kg | ¢ | 77 | 21 - 122 | 3 | 50 |
| Chrysene | 0.535 | | 1.63 | 2.075 | | mg/Kg | ¢ | 95 | 20 - 120 | 17 | 49 |
| Dibenz(a,h)anthracene | 0.0666 | | 1.63 | 1.199 | | mg/Kg | <i>\$</i> 2 | 70 | 12 - 128 | 1 | 50 |
| Fluoranthene | 0.638 | | 1.63 | 2.282 | | mg/Kg | ø | 101 | 10 - 143 | 18 | 50 |
| Fluorene | ND | | 1.63 | 1.419 | | mg/Kg | \$2 | 87 | 20 - 120 | 2 | 50 |
| Indeno[1,2,3-cd]pyrene | 0.202 | | 1.63 | 1.508 | | mg/Kg | 0 | 80 | 22 - 121 | 9 | 50 |
| Naphthalene | 0.0365 | J | 1.63 | 1.492 | | mg/Kg | <i>(</i>) | 90 | 10 - 120 | 3 | 50 |
| 2-Methylnaphthalene | 0.0410 | J | 1.63 | 1.413 | | mg/Kg | \$2 | 84 | 13 - 120 | 1 | 50 |
| 1-Methylnaphthalene | 0.0323 | J | 1.63 | 1.355 | | mg/Kg | 0 | 81 | 10 - 120 | 1 | 50 |
| | MSD | MSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 2-Fluorobiphenyl (Surr) | 58 | | 29 - 120 | | | | | | | | |

| Method: | Moisture | - Percent | Moisture |
|---------|----------|-----------|----------|

Terphenyl-d14 (Surr)

Nitrobenzene-d5 (Surr)

| Lab Sample ID: 500-51048-B-1 DU Matrix: Solid | | | | | | | Client Sample ID: Dup Prep Type: To | |
|--|--------|-----------|--------|-----------|------|---|--|-------|
| Analysis Batch: 26781 | | | | | | | | |
| | Sample | Sample | DU | DU | | | | RPD |
| Analyte | Result | Qualifier | Result | Qualifier | Unit | D | RPD | Limit |
| Percent Solids | 94 | | 92 | | % | | 2 | 20 |

13 - 120

27 - 120

QC Association Summary

Client: Environmental Enterprise Group Project/Site: Laurel Bay Housing Project

GC/MS VOA

Prep Batch: 26822

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 490-8693-1 | 508 Laurel Bay | Total/NA | Solid | 5035 | |
| 490-8693-2 | 704 Bluebell | Total/NA | Solid | 5035 | |
| 490-8693-3 | 853 Dolphin | Total/NA | Solid | 5035 | |
| 490-8693-4 | 1351 Cardinal | Total/NA | Solid | 5035 | |
| analysis Batch: 2721 | 8 | | | | |
| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
| 490-8693-1 | 508 Laurel Bay | Total/NA | Solid | 8260B | 26822 |
| 490-8693-2 | 704 Bluebell | Total/NA | Solid | 8260B | 26822 |
| 490-8693-3 | 853 Dolphin | Total/NA | Solid | 8260B | 26822 |
| 490-8693-4 | 1351 Cardinal | Total/NA | Solid | 8260B | 26822 |
| LCS 490-27218/3 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 490-27218/4 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |
| | | | | | |

GC/MS Semi VOA

Prep Batch: 27734

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|------------------------|-----------|--------|--------|------------|
| 490-8674-A-8-E MS | Matrix Spike | Total/NA | Solid | 3550C | |
| 490-8674-A-8-F MSD | Matrix Spike Duplicate | Total/NA | Solid | 3550C | |
| 490-8693-1 | 508 Laurel Bay | Total/NA | Solid | 3550C | |
| 490-8693-2 | 704 Bluebell | Total/NA | Solid | 3550C | |
| 490-8693-3 | 853 Dolphin | Total/NA | Solid | 3550C | |
| 490-8693-4 | 1351 Cardinal | Total/NA | Solid | 3550C | |
| LCS 490-27734/2-A | Lab Control Sample | Total/NA | Solid | 3550C | |
| LCSD 490-27734/3-A | Lab Control Sample Dup | Total/NA | Solid | 3550C | |
| MB 490-27734/1-A | Method Blank | Total/NA | Solid | 3550C | |
| Analysis Batch: 28036 | | | | | |
| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
| 490-8674-A-8-E MS | Matrix Spike | Total/NA | Solid | 8270D | 27734 |
| 490-8674-A-8-F MSD | Matrix Spike Duplicate | Total/NA | Solid | 8270D | 27734 |
| 490-8693-1 | 508 Laurel Bay | Total/NA | Solid | 8270D | 27734 |
| 490-8693-2 | 704 Bluebell | Total/NA | Solid | 8270D | 27734 |
| 490-8693-3 | 853 Dolphin | Total/NA | Solid | 8270D | 27734 |

Total/NA

Total/NA

Total/NA

Total/NA

Solid

Solid

Solid

Solid

8270D

8270D

8270D

8270D

490-8693-4 LCS 490-27734/2-A LCSD 490-27734/3-A MB 490-27734/1-A 1351 Cardinal

Method Blank

Lab Control Sample

Lab Control Sample Dup

General Chemistry

Analysis Batch: 26781

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|----------|------------|
| 490-8693-1 | 508 Laurel Bay | Total/NA | Solid | Moisture | |
| 490-8693-2 | 704 Bluebell | Total/NA | Solid | Moisture | |
| 490-8693-3 | 853 Dolphin | Total/NA | Solid | Moisture | |
| 490-8693-4 | 1351 Cardinal | Total/NA | Solid | Moisture | |
| 500-51048-B-1 DU | Duplicate | Total/NA | Solid | Moisture | |

27734

27734

27734

27734

Lab Sample ID: 490-8693-2

Lab Sample ID: 490-8693-3

Matrix: Solid

Matrix: Solid

Percent Solids: 91.1

Percent Solids: 95.3

| Client Samp | le ID: 508 L | aurel Bay | | | | 1 | ab Sample | ID: 490-8693-1 |
|--------------------------------|-----------------|-----------|-----|----------|---------------|----------------|-----------|---------------------|
| Date Collected: 10/01/12 15:00 | | | | | Matrix: Solid | | | |
| Date Received | : 10/09/12 08:0 | 00 | | | | | P | ercent Solids: 89.2 |
| | Batch | Batch | | Dilution | Batch | Prepared | | |
| Prep Type | Туре | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 26822 | 10/09/12 16:36 | ML | TAL NSH |
| Total/NA | Analysis | 8260B | | 1 | 27218 | 10/11/12 16:19 | AF | TAL NSH |
| Total/NA | Prep | 3550C | | | 27734 | 10/12/12 13:26 | AK | TAL NSH |
| Total/NA | Analysis | 8270D | | 1 | 28036 | 10/15/12 17:51 | WS | TAL NSH |
| Total/NA | Analysis | Moisture | | 1 | 26781 | 10/09/12 15:35 | RS | TAL NSH |
| | | | | | | | | |

Client Sample ID: 704 Bluebell Date Collected: 10/02/12 11:45 Date Received: 10/09/12 08:00

| Ргер Туре | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|---------------|-----------------|-----|--------------------|-----------------|-------------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 26822 | 10/09/12 16:36 | ML | TAL NSH |
| Total/NA | Analysis | 8260B | | 1 | 27218 | 10/11/12 16:46 | AF | TAL NSH |
| Total/NA | Prep | 3550C | | | 27734 | 10/12/12 13:26 | AK | TAL NSH |
| Total/NA | Analysis | 8270D | | 1 | 28036 | 10/15/12 18:12 | WS | TAL NSH |
| Total/NA | Analysis | Moisture | | 1 | 26781 | 10/09/12 15:35 | RS | TAL NSH |

Client Sample ID: 853 Dolphin Date Collected: 10/03/12 12:00

Date Received: 10/09/12 08:00

| Batch | Batch | | Dilution | Batch | Prepared | | |
|----------|---|---|--|--|--|--|--|
| Туре | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Prep | 5035 | | | 26822 | 10/09/12 16:36 | ML | TAL NSH |
| Analysis | 8260B | | 1 | 27218 | 10/11/12 17:13 | AF | TAL NSH |
| Prep | 3550C | | | 27734 | 10/12/12 13:26 | AK | TAL NSH |
| Analysis | 8270D | | 1 | 28036 | 10/15/12 18:33 | WS | TAL NSH |
| Analysis | Moisture | | 1 | 26781 | 10/09/12 15:35 | RS | TAL NSH |
| | Type Prep Analysis Prep Analysis | TypeMethodPrep5035Analysis8260BPrep3550CAnalysis8270D | TypeMethodRunPrep5035Analysis8260BPrep3550CAnalysis8270D | TypeMethodRunFactorPrep50351Analysis8260B1Prep3550C1Analysis8270D1 | Type Method Run Factor Number Prep 5035 26822 Analysis 8260B 1 27218 Prep 3550C 27734 27734 Analysis 8270D 1 28036 | Type Method Run Factor Number or Analyzed Prep 5035 26822 10/09/12 16:36 Analysis 8260B 1 27218 10/11/12 17:13 Prep 3550C 27734 10/12/12 13:26 Analysis 8270D 1 28036 10/15/12 18:33 | Type Method Run Factor Number or Analyzed Analyst Prep 5035 26822 10/09/12 16:36 ML Analysis 8260B 1 27218 10/11/12 17:13 AF Prep 3550C 27734 10/12/12 13:26 AK Analysis 8270D 1 28036 10/15/12 18:33 WS |

Client Sample ID: 1351 Cardinal Date Collected: 10/04/12 14:15 Date Received: 10/09/12 08:00

| Lab | Sample | ID: | 490-80 | 593-4 |
|-----|--------|-----|---------|-------|
| | | | Matrix: | Solid |

| - | | | | |
|-------|----|-----|------|------|
| Perce | nt | Sol | ids: | 82.0 |

| | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 26822 | 10/09/12 16:36 | ML | TAL NSH |
| Total/NA | Analysis | 8260B | | 1 | 27218 | 10/11/12 17:40 | AF | TAL NSH |
| Total/NA | Prep | 3550C | | | 27734 | 10/12/12 13:26 | AK | TAL NSH |
| Total/NA | Analysis | 8270D | | 1 | 28036 | 10/15/12 18:53 | WS | TAL NSH |
| Total/NA | Analysis | Moisture | | 1 | 26781 | 10/09/12 15:35 | RS | TAL NSH |

Laboratory References:

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

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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: Environmental Enterprise Group Project/Site: Laurel Bay Housing Project

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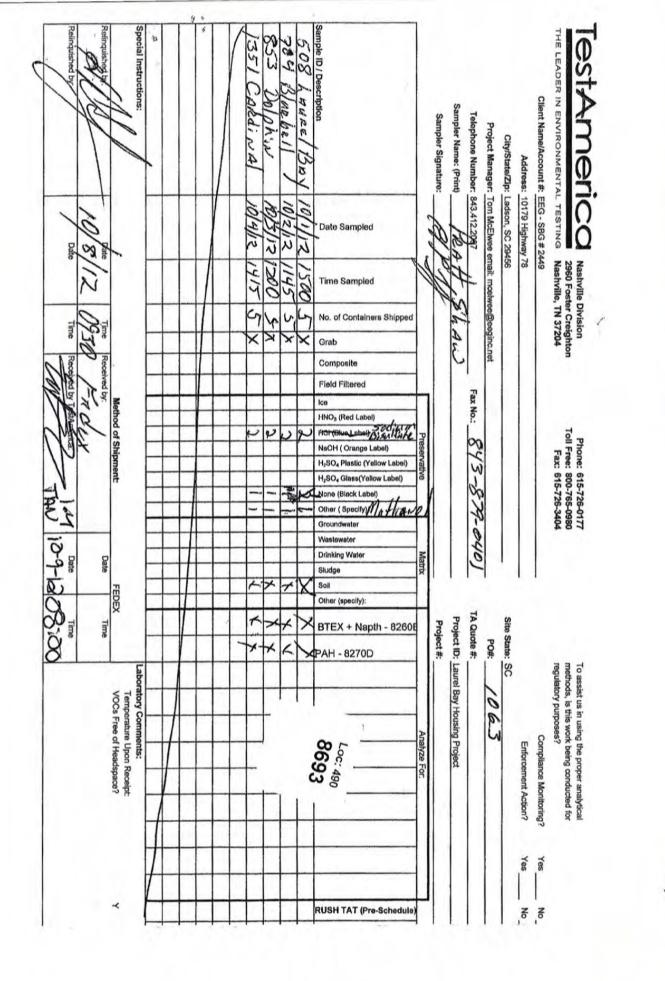
Laboratory: TestAmerica Nashville

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 | 10-30-12 |
| A2LA | ISO/IEC 17025 | | 0453.07 | 12-31-13 |
| Alabama | State Program | 4 | 41150 | 05-31-13 |
| Alaska (UST) | State Program | 10 | UST-087 | 07-24-13 |
| Arizona | State Program | 9 | AZ0473 | 05-05-13 |
| Arkansas DEQ | State Program | 6 | 88-0737 | 04-25-13 |
| California | NELAC | 9 | 1168CA | 10-31-12 |
| Canadian Assoc Lab Accred (CALA) | Canada | | 3744 | 03-08-14 |
| Colorado | State Program | 8 | N/A | 02-28-13 |
| Connecticut | State Program | 1 | PH-0220 | 12-31-13 |
| Florida | NELAC | 4 | E87358 | 06-30-13 |
| Illinois | NELAC | 5 | 200010 | 12-09-12 |
| lowa | State Program | 7 | 131 | 05-01-14 |
| Kansas | NELAC | 7 | E-10229 | 10-31-12 |
| Kentucky | State Program | 4 | 90038 | 12-31-12 |
| Kentucky (UST) | State Program | 4 | 19 | 09-15-13 |
| Louisiana | NELAC | 6 | LA120025 | 12-31-12 |
| Louisiana | NELAC | 6 | 30613 | 06-30-13 |
| Maryland | State Program | 3 | 316 | 03-31-13 |
| Massachusetts | State Program | 1 | M-TN032 | 06-30-13 |
| Minnesota | NELAC | 5 | 047-999-345 | 12-31-12 |
| Mississippi | State Program | 4 | N/A | 06-30-13 |
| Montana (UST) | State Program | 8 | NA | 01-01-15 |
| Nevada | State Program | 9 | TN00032 | 07-31-13 |
| New Hampshire | NELAC | 1 | 2963 | 10-09-13 |
| New Jersey | NELAC | 2 | TN965 | 06-30-13 |
| New York | NELAC | 2 | 11342 | 04-01-13 |
| North Carolina DENR | State Program | 4 | 387 | 12-31-12 |
| North Dakota | State Program | 8 | R-146 | 06-30-13 |
| Ohio VAP | State Program | 5 | CL0033 | 01-19-14 |
| Oklahoma | State Program | 6 | 9412 | 08-31-13 |
| Oregon | NELAC | 10 | TN200001 | 04-30-13 |
| Pennsylvania | NELAC | 3 | 68-00585 | 06-30-13 |
| Rhode Island | State Program | 1 | LAO00268 | 12-30-12 |
| South Carolina | State Program | 4 | 84009 (001) | 02-28-13 |
| South Carolina | State Program | 4 | 84009 (002) | 02-23-14 |
| Tennessee | State Program | 4 | 2008 | 02-23-14 |
| Texas | NELAC | 6 | T104704077-09-TX | 08-31-13 |
| USDA | Federal | 0 | S-48469 | 11-02-13 |
| Utah | NELAC | 8 | TAN | 06-30-13 |
| Virginia | NELAC | 3 | 460152 | 06-14-13 |
| Washington | State Program | 10 | C789 | 07-19-13 |
| West Virginia DEP | State Program | 3 | 219 | 02-28-13 |
| Wisconsin | State Program | 5 | 998020430 | 08-31-13 |
| Wyoming (UST) | A2LA | 8 | 453.07 | 12-31-13 |

| TestAmerica | | |
|---|--|--------------------|
| THE LEADER IN ENVIRONMENTAL TESTING Nashville, TN | COOLER RECEIPT FORM | 490-8693 Chain of |
| Cooler Received/Opened On 10/9/20 | 012 @ 0800 | 000002 |
| 1. Tracking # 87.57 | _(last 4 digits, FedEx) | * |
| Courier: FEDEX IR Gun | ID <u>97310166</u> | |
| 2. Temperature of rep. sample or temp | p blank when opened: /, C-/Degrees | s Celsius |
| 3. If Item #2 temperature Is 0°C or less | , was the representative sample or temp blank fr | ozen? YESNONA |
| Were custody seals on outside of co If yes, how many and where: | one front & Back | YESNA |
| 5. Were the seals intact, signed, and d | lated correctly? | GES NONA |
| 5. Were custody papers inside cooler? | | YES .NO NA |
| certify that I opened the cooler and ar | nswered questions 1-6 (intial) | |
| 7. Were custody seals on containers: | YES NO and Intact | YESNO. |
| Were these signed and dated correc | ctly? | YESNO. NA |
| 8. Packing mat'l used? Bubblewrap- | Plastic bag Peanuts Vermiculite Foam Insert | Paper Other None |
| . Cooling process: | Ice lce-pack Ice (direct contact) | Dry ice Other None |
| 10. Did all containers arrive in good co | ondition (unbroken)? | ES.NONA |
| 11. Were all container labels complete | e (#, date, signed, pres., etc)? | YES. NONA |
| 12. Did all container labels and tags ag | gree with custody papers? | GESNONA |
| 13a. Were VOA vials received? | | VER.NONA |
| b. Was there any observable heads | pace present in any VOA vial? | YES. NO.NA-BO |
| 14. Was there a Trip Blank in this cool | er? YESNO. If multiple cooler | rs, sequence #_NA |
| certify that I unloaded the cooler and | | () |
| 15a. On pres'd bottles, did pH test stri | ps suggest preservation reached the correct pH | level? YES NO. NA |
| b. Did the bottle labels indicate that | t the correct preservatives were used | YES NO NA |
| 16. Was residual chlorine present? | | YES NO. NA |
| certify that I checked for chlorine and | I pH as per SOP and answered questions 15-16 (i | intial) |
| 7. Were custody papers properly fille | | YES.NONA |
| 8. Did you sign the custody papers in | n the appropriate place? | YES NONA |
| 9. Were correct containers used for t | he analysis requested? | ES NONA |
| 20. Was sufficient amount of sample s | sent in each container? | YES.NONA |
| | LIMS and answered questions 17-20 (intial) | F |
| certify that I attached a label with the | unique LIMS number to each container (intial) | F |
| | ues at login? YES. NO Was a PIPE generated? | VES DH |

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10/22/2012

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Client: Environmental Enterprise Group

Login Number: 8693 List Number: 1

Creator: Ford, Easton

| Question | Answer | Comment | |
|---|--------|---------|--|
| Radioactivity wasn't checked or is = background as measured by a<br survey meter. | True | | |
| 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 MS/MSDs | True | | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | N/A | | |
| Multiphasic samples are not present. | True | | |
| Samples do not require splitting or compositing. | True | | |
| Residual Chlorine Checked. | N/A | | |
| | | | |

Job Number: 490-8693-1

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List Source: TestAmerica Nashville

ATTACHMENT A



NON-HAZARDOUS MANIFEST

| | 1. Generator's US EP | PAID No. M | anifest Doc | No. | 2. Page 1 | of | | | | |
|---|-------------------------|------------------------------|------------------|---------------------------|---|---|--------------|--------------|-------------|--|
| NON-HAZARDOUS MANIFEŠT | | | | | 1 | L İ | | | | |
| 3. Generator's Mailing Address: | Ger | nerator's Site Address (If a | lifferent than m | ailing): | A. Manife | st Number | 1 | | | |
| MCAS, BEAUFORT | | | | | | 'MNA | 0031 | 6834 | | |
| LAUREL BAY HOUSING | | | | | | B. State (| | | _ | |
| BEAUFORT, SC 29907 | 1 | | | | | | | | | |
| 4. Generator's Phone 843-22 | 28-6461 | | | | | | | | | |
| 5. Transporter 1 Company Name | | 6. US EPA I | D Number | | | | | | | |
| EEG, INC. | | | | | | ransporter's | | | _ | |
| | | | | | D. Transp | orter's Phon | e 843- | 879-041 | 1 | |
| 7. Transporter 2 Company Name | | 8. US EPA I | D Number | | F C L T | <u> - 1997) - 1997</u> - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 | | | | |
| | | | | | | ransporter's | | | | |
| 9. Designated Facility Name and Site | Address | 10. US EPA | ID Number | | F. Transp | orter's Phon | e | | | |
| HICKORY HILL LANDFILL | | | | | G. State Facility ID | | | | | |
| 2621 LOW COUNTRY ROAD | | | | | | H. State Facility Phone 843-987-4643 | | | | |
| RIDGELAND, SC 29936 | | | · . | | n. state raciility mone 045-507-4043 | | | | | |
| | | | | | | | | | | |
| G 11. Description of Waste Materials | | - Kanif and a standard | | ntainers | 13. Total | 14. Unit | - L.N | Aisc. Comme | nts | |
| E a. HEATING OIL TANKS FILLED | | | No. | Туре | Quantity | Wt./Vol. | -+ | | | |
| N | WITH SAND | | | | | | | | | |
| | le # 102655SC | | | | | | | | | |
| R WM Protil | ie # 1020333C | | | | <u>, 36-842-850 (87</u> | | | | | |
| | | | | | | | | | | |
| | | | 117 J. 1. 15.84 | | | | | | di cart. | |
| R WM Profile # | · ··· | | | | | | | | | |
| c. | | | | ļ | 1 | | | | | |
| WM Profile # | | | | | 8743 - E | | | | - | |
| d. | | | | | <u> 1997 - 1997 - 1997</u> - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 | in sen i li l | + | | | |
| | | | | | | | | | | |
| | | | Sector A.T | 1279 J. 1943 - 17 | | isan dalar iki | i na sana sa | 1043 | alan territ | |
| WM Profile # J. Additional Descriptions for Materia | als Listed Above | | K Dispos | l al Location | | | | | | |
| 3. Additional Descriptions for Materia | | | R. Dispos | | | | | | | |
| | | | Cell | | | | Level | | | |
| | | ····· | Grid | | | | | t | | |
| 15. Special Handling Instructions and | Additional Information | (2)704 | BLUR | br 11 | - 4) V | 351(| MRS | 1104 | 1 | |
| | / S | 1 | | | $(-\tilde{5})$ | 108 6 | lur l | $s \in (1)$ | | |
| D 568 LAUR | RILL DA-1 | - 2/35-2 | Dolf | | 1631 | 320 | Albr | <u>st KC</u> | <u>55</u> | |
| Purchase Order # | | EMERGENCY CO | NTACT / PHO | ONE NO.: | | | | | | |
| 16. GENERATOR'S CERTIFICATE: | | | | | | | | | | |
| I hereby certify that the above-describ | | | • | | | | nave been fu | illy and | | |
| accurately described, classified and pa Printed Name | ckaged and are in prop | Signature "On beha | | rding to app | blicable regu | lations. | Month | Day | Year | |
| Frinted Name | Reduces | | 101 | | n an | | Nonth | | | |
| 17. Transporter 1 Acknowledgement | of Receipt of Materials | | | 61 | | | | · · · · · · | | |
| Printed Name | Autol | Signature | 2/15 | 1// | | | Month | Day | Year | |
| TOPP PRATTShow () | | | 1/0 | | | | 10 | 25 | 12 | |
| 18. Transporter 2 Acknowledgement of | of Receipt of Materials | i | - 6 | | | | | | ~ | |
| Printed Name | | Signature | | | | | Month | Day | Year | |
| STARS AT LANDER A LANDER | | | 1 Ka | 1 Acres | | | 1. | 1.5 | 1 19 | |
| 19. Certificate of Final Treatment/Disp | | <u> </u> | <u>t</u> ' i.A. | <u>at i kai ka</u> nda si | 4 | | | 1 | 1.1 | |
| I certify, on behalf of the above listed t | | to the best of my knowle | edge, the ab | ove-describ | ed waste w | as managed | in complian | ce with all | 1 | |
| applicable laws, regulations, permits a | | | | | W | manageu | | | • | |
| 20. Facility Owner or Operator: Certif | | | overed by th | is manifest | | | | | | |
| Printed Name | | Signature | | | | | Month | Day | Year | |
| The start of the start | | ; | | | Sec. Sec. | | 13 | 5 | | |
| White- TREATMENT, STORAGE, DISPO | SAL FACILITY COPY | Blue- GENERATOR | #2 COPY | | Ye | llow- GENER | ATOR #1 CO | PY | • | |
| Pink- FACILITY USE ON | ILY | Gold- TRANSPORTER | R #1 COPY | | | | | | | |

Appendix C Regulatory Correspondence





Catherine B. Templeton, Director *Propriating 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,

20m. The

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 Promosting 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.

| 677 Camellia 890 Cobia 679 Camellia 892 Cobia 686 Camellia 900 Barracuda 690 Camellia 906 Barracuda 692 Abelia 911 Barracuda 700 Bluebell 912 Barracuda 704 Bluebell 917 Barracuda 705 Bluebell 918 Barracuda 705 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 7315 Bluebell 1079 Heather 7318 Bluebell 1079 Heather 7318 Bluebell 1173 Bobwhite 734 Bluebell 1122 Iris 735 Althea 1230 Cardinal 738 Laurel Bay 1221 Cardinal 807 Azalea 1248 Dove 814 Azalea 1242 Dove 814 Azalea 1262 Dove 820 Azalea 1262 Dove 831 Azalea 1262 Dove | 674 Camellia | 880 Cobia |
|---|----------------|----------------|
| 679 Camellia 892 Cobia 686 Camellia 900 Barracuda 690 Abelia 901 Barracuda 698 Abelia 911 Barracuda 700 Bluebell 912 Barracuda 704 Bluebell 917 Barracuda 705 Bluebell 919 Barracuda 708 Bluebell 919 Barracuda 708 Bluebell 928 Albacore 710 Bluebell 1024 Foxglove 711 Bluebell 1028 Foxglove 714 Bluebell 1028 Foxglove 715 Bluebell 1038 Iris 726 Bluebell 1038 Iris 726 Bluebell 1079 Heather 731 Bluebell 1122 Iris 734 Bluebell 1122 Iris 734 Bluebell 1122 Iris 734 Althea 1136 Iris 734 Althea 1238 Dove 814 Azalea 1242 Dove 815 Azalea 1242 Dove 815 Azalea 1242 Dove 818 Azalea 1262 Dove 821 Azalea 1262 Dove 821 Azalea 1262 Dove 832 Azalea | | |
| 686 Camellia 900 Barracuda 690 Camellia 906 Barracuda 698 Abelia 911 Barracuda 700 Bluebell 912 Barracuda 704 Bluebell 917 Barracuda 705 Bluebell 919 Barracuda 705 Bluebell 928 Albacore 710 Bluebell 1024 Foxglove 711 Bluebell 1028 Foxglove 714 Bluebell 1029 Foxglove 715 Bluebell 1038 Iris 726 Bluebell 1038 Iris 726 Bluebell 1038 Iris 726 Bluebell 1079 Heather 731 Bluebell 1079 Heather 731 Bluebell 1103 Iris 734 Bluebell 1120 Iris 734 Bluebell 1120 Iris 734 Bluebell 1122 Iris 735 Althea 1136 Iris 734 Althea 1200 Cardinal 778 Laurel Bay 1221 Cardinal 807 Azalea 1242 Dove 814 Azalea 1242 Dove 813 Azalea 1262 Dove 821 Azalea 1262 Dove 831 Az | | |
| 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 714 Bluebell 1029 Foxglove 715 Bluebell 1028 Foxglove 714 Bluebell 1029 Foxglove 715 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 1242 Dove 814 Azalea 1242 Dove 815 Azalea 1262 Dove 821 Azalea 1262 Dove | | |
| 698 Abelia911 Barracuda700 Bluebell912 Barracuda704 Bluebell917 Barracuda705 Bluebell919 Barracuda708 Bluebell928 Albacore710 Bluebell1024 Foxglove711 Bluebell1028 Foxglove714 Bluebell1029 Foxglove715 Bluebell1038 Iris726 Bluebell1049 Gardenia727 Bluebell1079 Heather731 Bluebell1103 Iris734 Bluebell1122 Iris734 Bluebell1123 Iris734 Bluebell1124 Iris734 Bluebell1221 Cardinal737 Althea1230 Cardinal738 Laurel Bay1221 Cardinal807 Azalea1242 Dove814 Azalea1242 Dove818 Azalea1262 Dove820 Azalea1265 Dove831 Azalea1265 Dove832 Azalea1298 Eagle835 Azalea1300 Eagle835 Azalea1300 Eagle845 Azalea1304 Eagle855 Dolphin1315 Albatross874 Cobia1320 Albatross | | |
| 700 Bluebell912 Barracuda704 Bluebell917 Barracuda705 Bluebell919 Barracuda708 Bluebell928 Albacore710 Bluebell1024 Foxglove711 Bluebell1028 Foxglove714 Bluebell1029 Foxglove714 Bluebell1029 Foxglove715 Bluebell1038 Iris726 Bluebell1049 Gardenia728 Bluebell1079 Heather731 Bluebell1103 Iris734 Bluebell1122 Iris759 Althea1136 Iris761 Althea1173 Bobwhite773 Althea1200 Cardinal774 Alaea1221 Cardinal807 Azalea1242 Dove814 Azalea1242 Dove814 Azalea1262 Dove821 Azalea1262 Dove831 Azalea1267 Dove832 Azalea1288 Eagle835 Azalea1288 Eagle835 Azalea1288 Eagle835 Azalea1288 Eagle835 Azalea1288 Eagle835 Azalea1288 Eagle835 Azalea1200 Eagle835 Azalea1288 Eagle835 Azalea1288 Eagle835 Azalea1300 Eagle835 Azalea1303 Eagle835 Dolphin1315 Albatross858 Dolphin1316 Albatross874 Cobia1320 Albatross | | |
| 704 Bluebell 917 Barracuda 705 Bluebell 919 Barracuda 708 Bluebell 928 Albacore 710 Bluebell 1024 Foxglove 711 Bluebell 1028 Foxglove 714 Bluebell 1028 Foxglove 714 Bluebell 1028 Foxglove 715 Bluebell 1038 Iris 726 Bluebell 1038 Iris 726 Bluebell 1049 Gardenia 728 Bluebell 1079 Heather 731 Bluebell 1103 Iris 734 Bluebell 1103 Iris 734 Bluebell 1122 Iris 734 Bluebell 1122 Iris 759 Althea 1136 Iris 761 Althea 1173 Bobwhite 773 Althea 1220 Cardinal 778 Laurel Bay 1221 Cardinal 807 Azalea 1242 Dove 814 Azalea 1242 Dove 818 Azalea 1262 Dove 820 Azalea 1265 Dove 821 Azalea 1265 Dove 831 Azalea 1298 Eagle 834 Azalea 1298 Eagle 835 Azalea 1300 Eagle 834 Azalea 1303 Eagle | | |
| 705 Bluebell919 Barracuda708 Bluebell928 Albacore710 Bluebell1024 Foxglove711 Bluebell1028 Foxglove714 Bluebell1029 Foxglove715 Bluebell1038 Iris726 Bluebell1049 Gardenia728 Bluebell1079 Heather731 Bluebell1103 Iris734 Bluebell1103 Iris734 Bluebell1103 Iris734 Bluebell1122 Iris759 Althea1136 Iris761 Althea1173 Bobwhite773 Althea1200 Cardinal778 Alazela1238 Dove814 Azalea1241 Dove815 Azalea1242 Dove818 Azalea1265 Dove821 Azalea1265 Dove831 Azalea1267 Dove832 Azalea1288 Eagle834 Azalea1298 Eagle834 Azalea1300 Eagle835 Dolphin1304 Eagle853 Dolphin1316 Albatross869 Cobia1320 Albatross874 Cobia1320 Albatross | | |
| 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 1049 Gardenia 728 Bluebell 1079 Heather 731 Bluebell 1103 Iris 734 Bluebell 1122 Iris 734 Bluebell 1122 Iris 735 Althea 1136 Iris 761 Althea 1173 Bobwhite 773 Althea 1200 Cardinal 778 Laurel Bay 1221 Cardinal 807 Azalea 1241 Dove 814 Azalea 1242 Dove 818 Azalea 1242 Dove 820 Azalea 1262 Dove 821 Azalea 1267 Dove 831 Azalea 1298 Eagle 834 Azalea 1298 Eagle 834 Azalea 1298 Eagle 835 Azalea 1300 Eagle 835 Azalea 1300 Eagle 835 Azalea 1304 Eagle 853 Dolphin | | |
| 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 1103 Iris 734 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 1262 Dove 820 Azalea 1262 Dove 831 Azalea 1267 Dove 832 Azalea 1298 Eagle 834 Azalea 1300 Eagle 835 Azalea 1300 Eagle 835 Azalea 1303 Eagle 835 Azalea 1303 Eagle 835 Azalea 1303 Eagle 835 Azalea 1303 Eagle 835 Azalea 1304 Eagle | | |
| 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 1103 Iris 734 Bluebell 1122 Iris 735 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 1262 Dove 820 Azalea 1265 Dove 831 Azalea 1289 Eagle 834 Azalea 1298 Eagle 835 Azalea 1300 Eagle 853 Dolphin 1315 Albatross | | |
| 714 Bluebell 1029 Foxglove 715 Bluebell 1038 Iris 726 Bluebell 1049 Gardenia 728 Bluebell 1079 Heather 731 Bluebell 1103 Iris 734 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 1242 Dove 814 Azalea 1242 Dove 818 Azalea 1242 Dove 820 Azalea 1262 Dove 821 Azalea 1265 Dove 831 Azalea 1267 Dove 832 Azalea 1298 Eagle 834 Azalea 1300 Eagle 834 Azalea 1300 Eagle 835 Azalea 1300 Eagle 835 Azalea 1300 Eagle 835 Azalea 1304 Eagle 835 Dolphin 1315 Albatross 858 Dolphin 1316 Albatross 869 Cobia 13120 Albatross | | 1024 Foxglove |
| 715 Bluebell 1038 Iris 726 Bluebell 1049 Gardenia 728 Bluebell 1079 Heather 731 Bluebell 1103 Iris 734 Bluebell 1122 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 1242 Dove 820 Azalea 1265 Dove 831 Azalea 1267 Dove 832 Azalea 1289 Eagle 833 Azalea 1298 Eagle 834 Azalea 1209 Eagle 835 Azalea 1300 Eagle 834 Azalea 1300 Eagle 835 Azalea 1303 Eagle 835 Dolphin 1304 Eagle 836 Dolphin 1316 Albatross 836 Ocbia 1316 Albatross 837 4 Cobia 1320 Albatross | 711 Bluebell | 1028 Foxglove |
| 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 1262 Dove 820 Azalea 1265 Dove 831 Azalea 1267 Dove 833 Azalea 1298 Eagle 834 Azalea 1298 Eagle 835 Azalea 1300 Eagle 835 Azalea 1300 Eagle 841 Azalea 1303 Eagle 835 Azalea 1304 Eagle 835 Azalea 1304 Eagle 835 Dolphin 1315 Albatross 840 Eagle 1316 Albatross 840 Eagle 1316 Albatross | | 1029 Foxglove |
| 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 1242 Dove 820 Azalea 1262 Dove 821 Azalea 1267 Dove 831 Azalea 1269 Dove 833 Azalea 1269 Bagle 834 Azalea 1300 Eagle 835 Azalea 1300 Eagle 835 Azalea 1300 Eagle 841 Azalea 1300 Eagle 835 Azalea 1300 Eagle 835 Azalea 1300 Eagle 835 Azalea 1303 Eagle 858 Dolphin 1315 Albatross 858 Dolphin 1316 Albatross 859 Cobia 13120 Albatross | 715 Bluebell | 1038 Iris |
| 731 Bluebell1103 Iris734 Bluebell1122 Iris759 Althea1136 Iris761 Althea1173 Bobwhite773 Althea1200 Cardinal773 Althea1200 Cardinal778 Laurel Bay1221 Cardinal807 Azalea1238 Dove814 Azalea1241 Dove815 Azalea1242 Dove818 Azalea1262 Dove820 Azalea1265 Dove831 Azalea1267 Dove832 Azalea1289 Eagle834 Azalea1300 Eagle835 Azalea1300 Eagle841 Azalea1303 Eagle853 Dolphin1315 Albatross859 Cobia1316 Albatross874 Cobia1320 Albatross | 726 Bluebell | 1049 Gardenia |
| 734 Bluebell1122 Iris759 Althea1136 Iris761 Althea1173 Bobwhite773 Althea1200 Cardinal773 Althea1200 Cardinal778 Laurel Bay1221 Cardinal807 Azalea1238 Dove814 Azalea1241 Dove815 Azalea1242 Dove818 Azalea1248 Dove820 Azalea1265 Dove831 Azalea1267 Dove831 Azalea1289 Eagle834 Azalea1298 Eagle835 Azalea1300 Eagle841 Azalea1303 Eagle853 Dolphin1315 Albatross859 Cobia1316 Albatross874 Cobia1320 Albatross | 728 Bluebell | 1079 Heather |
| 759 Althea 1136 Iris 761 Althea 1173 Bobwhite 773 Althea 1200 Cardinal 773 Althea 1200 Cardinal 778 Laurel Bay 1221 Cardinal 807 Azalea 1238 Dove 814 Azalea 1241 Dove 815 Azalea 1242 Dove 818 Azalea 1242 Dove 820 Azalea 1262 Dove 821 Azalea 1265 Dove 831 Azalea 1267 Dove 832 Azalea 1298 Eagle 834 Azalea 1300 Eagle 834 Azalea 1300 Eagle 835 Azalea 1300 Eagle 836 Dolphin 1304 Eagle 858 Dolphin 1315 Albatross 869 Cobia 1316 Albatross 874 Cobia 1320 Albatross | 731 Bluebell | 1103 Iris |
| 761 Althea1173 Bobwhite773 Althea1200 Cardinal778 Laurel Bay1221 Cardinal807 Azalea1238 Dove814 Azalea1241 Dove815 Azalea1242 Dove818 Azalea1242 Dove818 Azalea1242 Dove818 Azalea1262 Dove820 Azalea1265 Dove831 Azalea1267 Dove832 Azalea1289 Eagle834 Azalea1298 Eagle835 Azalea1300 Eagle841 Azalea1303 Eagle853 Dolphin1315 Albatross869 Cobia1320 Albatross874 Cobia1320 Albatross | 734 Bluebell | 1122 Iris |
| 773 Althea1200 Cardinal778 Laurel Bay1221 Cardinal807 Azalea1238 Dove814 Azalea1241 Dove815 Azalea1242 Dove818 Azalea1242 Dove820 Azalea1262 Dove821 Azalea1265 Dove831 Azalea1267 Dove832 Azalea1289 Eagle834 Azalea1300 Eagle835 Azalea1300 Eagle841 Azalea1303 Eagle853 Dolphin1314 Albatross869 Cobia1316 Albatross874 Cobia1320 Albatross | 759 Althea | 1136 Iris |
| 778 Laurel Bay 1221 Cardinal 807 Azalea 1238 Dove 814 Azalea 1241 Dove 815 Azalea 1242 Dove 818 Azalea 1242 Dove 818 Azalea 1242 Dove 820 Azalea 1262 Dove 821 Azalea 1265 Dove 831 Azalea 1267 Dove 832 Azalea 1298 Eagle 834 Azalea 1298 Eagle 835 Azalea 1300 Eagle 841 Azalea 1303 Eagle 853 Dolphin 1304 Eagle 858 Dolphin 1315 Albatross 869 Cobia 1320 Albatross 874 Cobia 1320 Albatross | 761 Althea | 1173 Bobwhite |
| 807 Azalea 1238 Dove 814 Azalea 1241 Dove 815 Azalea 1242 Dove 818 Azalea 1242 Dove 818 Azalea 1248 Dove 820 Azalea 1262 Dove 821 Azalea 1265 Dove 831 Azalea 1267 Dove 832 Azalea 1267 Dove 834 Azalea 1267 Dove 835 Azalea 1289 Eagle 835 Azalea 1300 Eagle 841 Azalea 1303 Eagle 853 Dolphin 1315 Albatross 869 Cobia 1316 Albatross 874 Cobia 1320 Albatross | 773 Althea | 1200 Cardinal |
| 814 Azalea1241 Dove815 Azalea1242 Dove818 Azalea1248 Dove818 Azalea1248 Dove820 Azalea1262 Dove821 Azalea1265 Dove831 Azalea1267 Dove832 Azalea1289 Eagle834 Azalea1298 Eagle835 Azalea1300 Eagle841 Azalea1303 Eagle853 Dolphin1315 Albatross869 Cobia1320 Albatross874 Cobia1320 Albatross | 778 Laurel Bay | 1221 Cardinal |
| 815 Azalea1242 Dove818 Azalea1248 Dove820 Azalea1262 Dove821 Azalea1265 Dove831 Azalea1267 Dove832 Azalea1289 Eagle834 Azalea1298 Eagle835 Azalea1300 Eagle841 Azalea1303 Eagle853 Dolphin1315 Albatross869 Cobia1320 Albatross874 Cobia1320 Albatross | 807 Azalea | 1238 Dove |
| 818 Azalea1248 Dove820 Azalea1262 Dove821 Azalea1265 Dove831 Azalea1267 Dove832 Azalea1289 Eagle834 Azalea1298 Eagle835 Azalea1300 Eagle841 Azalea1303 Eagle853 Dolphin1304 Eagle858 Dolphin1315 Albatross869 Cobia1320 Albatross874 Cobia1320 Albatross | 814 Azalea | 1241 Dove |
| 820 Azalea1262 Dove821 Azalea1265 Dove831 Azalea1267 Dove832 Azalea1289 Eagle834 Azalea1298 Eagle835 Azalea1300 Eagle841 Azalea1303 Eagle853 Dolphin1304 Eagle858 Dolphin1315 Albatross869 Cobia1320 Albatross874 Cobia1320 Albatross | 815 Azalea | 1242 Dove |
| 821 Azalea1265 Dove831 Azalea1267 Dove832 Azalea1289 Eagle834 Azalea1298 Eagle835 Azalea1300 Eagle841 Azalea1303 Eagle853 Dolphin1304 Eagle858 Dolphin1315 Albatross869 Cobia1320 Albatross874 Cobia1320 Albatross | 818 Azalea | 1248 Dove |
| 831 Azalea1267 Dove832 Azalea1289 Eagle834 Azalea1298 Eagle835 Azalea1300 Eagle841 Azalea1303 Eagle853 Dolphin1304 Eagle858 Dolphin1315 Albatross869 Cobia1316 Albatross874 Cobia1320 Albatross | 820 Azalea | 1262 Dove |
| 832 Azalea1289 Eagle834 Azalea1298 Eagle835 Azalea1300 Eagle841 Azalea1303 Eagle853 Dolphin1304 Eagle858 Dolphin1315 Albatross869 Cobia1316 Albatross874 Cobia1320 Albatross | 821 Azalea | 1265 Dove |
| 834 Azalea1298 Eagle835 Azalea1300 Eagle841 Azalea1303 Eagle853 Dolphin1304 Eagle858 Dolphin1315 Albatross869 Cobia1316 Albatross874 Cobia1320 Albatross | 831 Azalea | 1267 Dove |
| 835 Azalea1300 Eagle841 Azalea1303 Eagle853 Dolphin1304 Eagle858 Dolphin1315 Albatross869 Cobia1316 Albatross874 Cobia1320 Albatross | 832 Azalea | 1289 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 | 834 Azalea | 1298 Eagle |
| 841 Azalea 1303 Eagle 853 Dolphin 1304 Eagle 858 Dolphin 1315 Albatross 869 Cobia 1316 Albatross 874 Cobia 1320 Albatross | 835 Azalea | |
| 853 Dolphin1304 Eagle858 Dolphin1315 Albatross869 Cobia1316 Albatross874 Cobia1320 Albatross | | |
| 858 Dolphin1315 Albatross869 Cobia1316 Albatross874 Cobia1320 Albatross | | |
| 869 Cobia1316 Albatross874 Cobia1320 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 | |