SUMMARY REPORT
743 WEST CARDINAL LANE (FORMERLY 1472 WEST CARDINAL LANE)
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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List of Acronyms

bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
CTO	Contract Task Order
COPC	constituents of potential concern
ft	feet
IDIQ	Indefinite Delivery, Indefinite Quantity
IGWA	Initial Groundwater Assessment
JV	Joint Venture
LBMH	Laurel Bay Military Housing
LNAPL	light non-aqueous phase liquid
LTM	long-term monitoring
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
UFP SAP	Uniform Federal Policy Sampling and Analysis Plan
USEPA	United States Environmental Protection Agency
UST	underground storage tank
VI	vapor intrusion
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, long-term monitoring (LTM) was approved by the South Carolina Department of Health and Environmental Control (SCDHEC) for 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) in order to monitor groundwater impacts from the former heating oil USTs. LTM consists of annual groundwater sampling and monthly passive light non-aqueous phase liquid (LNAPL), also referred to as free product, recovery and monitoring activities. LTM activities are currently being conducted at the referenced property. The following information is included in this report:

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

1.1 Background Information

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

units, including legacy Capehart style homes and newer duplex style homes. The housing area is bordered on the west by salt marshes and the Broad River, and to the north, east and south by uplands. Forested areas lie along the northern and northeastern borders.

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

In 2007, MCAS Beaufort began a voluntary program to remove the unregulated, residential heating oil USTs and conduct sampling activities to determine if, and to what extent, petroleum constituents may have impacted the surrounding environment. MCAS Beaufort coordinated with the 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.

In 2015, the Public-Private Venture (PPV) responsible for the management of the residential area at LBMH initiated a plan to replace outdated homes in the LBMH area. The plan includes the demolition of existing homes and subsequent construction of new homes. In discussions with the PPV it was revealed that construction of the new homes could occur on portions of the property where the USTs were formerly located. In response to this plan, MCAS Beaufort assessed subsurface soil gas concentrations in the area of the former USTs at select properties within the demolition areas. The subject property of this report is one of the properties within the planned demolition area which was selected for a soil gas evaluation. It should be noted that the house at the subject property has since been demolished and this property is an empty lot. There are no current plans for construction in this 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 IGWA sampling process utilizes temporary groundwater sampling points that are typically installed and sampled within the same day. The intent of the sampling point is to determine the presence or absence of the aforementioned COPCs in groundwater and identify whether former UST locations may require additional delineation of COPCs in groundwater. These sampling points are not subjected to the same installation standards as permanent monitoring wells and, as such; the data obtained from the IGWA wells can sometimes be biased high and is considered preliminary data. In order to confirm the presence of any impact to groundwater, a permanent well is installed where IGWA sampling has indicated the presence of free product and/or COPCs is in excess of the SCDHEC RBSLs for groundwater. If COPCs and/or free product are found to be present in the permanent well, additional permanent wells are installed to delineate the extent of impact to groundwater and a sampling program (LTM) is established. If free product is detected in a permanent well, a groundwater sample is not collected, and monthly passive LNAPL monitoring and recovery activities are conducted. A

multi-media investigation selection process tree, applicable to the LBMH UST investigations, is presented as Appendix A.

In accordance with the multi-media investigation selection process (Appendix A), groundwater analytical results are typically compared to the site specific groundwater vapor intrusion screening levels (VISLs) to evaluate the potential for vapor intrusion into existing homes and the necessity for an investigation associated with this media. However, as previously stated, this property did not have an existing home and instead was among those selected for an evaluation of soil gas because of the planned demolition and construction activities.

2.0 SAMPLING ACTIVITIES AND RESULTS

The following section presents the sampling activities and associated results for 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane). The sampling activities at 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) comprised a soil investigation, IGWA sampling, installation and sampling of six permanent monitoring wells, LTM sampling, and a vapor intrusion (VI) investigation. Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 1472 West Cardinal Lane* (MCAS Beaufort, 2007). The UST Assessment Report is provided in Appendix B. Details regarding the IGWA sampling activities at this site are provided in the *Investigation of Ground Water at Leaking Heating Oil UST Sites* (PANDEY Environmental, 2008). The laboratory report that includes the pertinent IGWA analytical results for this site is presented in Appendix C. Details regarding the permanent well installations and initial sampling activities at this site are provided in the *Report of Findings for Laurel Bay Military Housing Area Investigation of Potential Impacts to Groundwater from Former Heating Oil Underground Storage Tanks* (Tetra Tech NUS, Inc, 2010) and in the *November 2011 Report of Findings for Laurel Bay Military Housing Area Investigation of Potential Impacts to Groundwater from Former Heating Oil Underground Storage Tanks* (Tetra Tech NUS, Inc, 2012). The pertinent groundwater analytical results for this site are presented in Appendix D. Details regarding the LTM activities to date at this site are provided in the *2019 Groundwater Monitoring Report* (Resolution Consultants, 2019). A comprehensive table of the historical groundwater analytical results for all permanent monitoring wells at the site through 2019 is presented in Appendix E. Details regarding the VI investigation at this site are provided in the *Technical Memorandum – Soil Gas Sampling Results – October 2014* (Resolution Consultants, 2015). The laboratory report that includes the pertinent soil gas analytical results for this site is presented in Appendix F.

2.1 UST Removal and Soil Sampling

On August 16, 2006, a single 280 gallon heating oil UST was removed from the front grassed area, adjacent to the house at 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane). The former UST location is indicated on the sketch in 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 5'7" bgs and a single soil sample was collected from that depth. An additional soil sample was collected from the side of the excavation. The samples were collected from the fill port side of the former UST to represent a worst case scenario 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 reports are included in the UST Assessment Report presented in Appendix B. The laboratory analytical data reports 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 No Further Action [NFA]) for the property. The soil results collected from the former UST location at 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) were greater than the SCDHEC RBSLs, which indicated further investigation was required. In a letter dated November 2, 2007, SCDHEC requested an IGWA for 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) to determine if the groundwater was impacted by petroleum COPCs. SCDHEC's request letter is provided in Appendix G.

2.3 Initial Groundwater Sampling

On July 30, 2008, a single temporary monitoring well was installed at 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane), in accordance with the South Carolina Well Standards and Regulations (R.61-71.H-I, updated June 24, 2016). In order to provide data that can be used

to determine whether COPCs are migrating to underlying groundwater, the monitoring well was placed in the same general location as the former heating oil UST. The former UST location is indicated on the sketch in the UST Assessment Report (Appendix B). Further details are provided in the *Investigation of Ground Water at Leaking Heating Oil UST Sites* (PANDEY Environmental, 2008).

The sampling strategy for this phase of the investigation required a one-time sampling event of the temporary monitoring well. Following well installation, a groundwater sample was collected using screen point sampler methods and shipped to an offsite laboratory for analysis of the petroleum COPCs. Upon completion of groundwater sampling, the temporary well was abandoned in accordance with the South Carolina Well Standards and Regulations R.61-71.H-I (SCDHEC, 2016). Field forms are provided in the *Investigation of Ground Water at Leaking Heating Oil UST Sites* (PANDEY Environmental, 2008).

2.4 Initial Groundwater Analytical Results

A summary of the laboratory analytical results and SCDHEC RBSLs is presented in Table 2. A copy of the laboratory analytical data report is included in Appendix C.

The groundwater results collected from 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) were greater than the SCDHEC RBSLs and the site specific groundwater VISLs (Table 2), which indicated further investigation was required. In a letter dated December 8, 2008, SCDHEC requested a permanent well be installed for 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) to confirm the impact to groundwater detected in the temporary well sample. SCDHEC's request letter is provided in Appendix G.

2.5 Permanent Well Groundwater Sampling

In February 2010, three permanent monitoring wells were installed at 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane), in accordance with the South Carolina Well Standards and Regulations (R.61-71.H-I, updated June 24, 2016). In order to provide data that can be used to determine whether COPCs are migrating to underlying groundwater, a permanent monitoring well, MW130, was placed in the same general location as the former heating oil UST and the IGWA sample location. The former UST location is indicated on the sketch in the UST Assessment Report (Appendix B). Two additional permanent wells (MW131 and MW132) were also installed around the property at 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) to delineate potential contamination. Further details are provided in the *Report of*

Findings for Laurel Bay Military Housing Area Investigation of Potential Impacts to Groundwater from Former Heating Oil Underground Storage Tanks (Tetra Tech NUS, Inc, 2010). The sampling strategy for this phase of the investigation required an initial sampling event of the permanent monitoring wells.

In November 2011, three additional permanent wells (MW143, MW144 and MW145) were also installed around the property at 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) to delineate potential contamination. Further details are provided in the *November 2011 Report of Findings for Laurel Bay Military Housing Area Investigation of Potential Impacts to Groundwater from Former Heating Oil Underground Storage Tanks* (Tetra Tech NUS, Inc, 2012). The sampling strategy for this phase of the investigation required an initial sampling event of the permanent monitoring wells.

In February 2015, the permanent monitoring well, MW130, was abandoned to accommodate the PPV's excavation activities. In March 2017, a replacement permanent monitoring well, MW130R, was installed in the same general location as the former heating oil UST, the IGWA sample location and MW130. Further details are provided in the *2019 Groundwater Monitoring Report* (Resolution Consultants, 2019).

Following well installation and development, groundwater samples were collected using low-flow methods and shipped to an offsite laboratory for analysis of the petroleum COPCs. Field forms are provided in the *Report of Findings for Laurel Bay Military Housing Area Investigation of Potential Impacts to Groundwater from Former Heating Oil Underground Storage Tanks* (Tetra Tech NUS, Inc, 2010) and in the *November 2011 Report of Findings for Laurel Bay Military Housing Area Investigation of Potential Impacts to Groundwater from Former Heating Oil Underground Storage Tanks* (Tetra Tech NUS, Inc, 2012).

2.6 Permanent Well Groundwater Analytical Results

A summary of the laboratory analytical results and SCDHEC RBSLs is presented in Table 3. A copy of the analytical data is included in Appendix D.

During the February 2010 groundwater assessment, the groundwater results collected from 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) at MW130 were greater than the SCDHEC RBSLs (Table 3), which indicated that further investigation was required. In a letter dated April 6, 2011, SCDHEC requested that LTM be carried out for 743 West Cardinal Lane

(Formerly 1472 West Cardinal Lane) to continue to monitor the impact to groundwater detected in the permanent well sample (MW130). SCDHEC's request letter is provided in Appendix G.

During the November 2011 groundwater assessment, the groundwater results collected from 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) were less than the SCDHEC RBSLs (Table 3). Based on these results, a recommendation was made to adopt the delineation wells into the existing LTM program for 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane). In a letter dated July 5, 2012, SCDHEC approved the recommendation to add the additional permanent well to the LTM program for 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) in order to monitor the impact to groundwater at this property. SCDHEC's approval letter is provided in Appendix G.

2.7 Long Term Monitoring

The LTM program at 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) consists of annual groundwater sampling at the six permanent monitoring wells and monthly passive LNAPL monitoring and recovery activities. LNAPL monitoring and recovery activities consist of monthly gauging of monitoring wells with current and/or historical LNAPL detections and downgradient monitoring wells and monthly passive removal of LNAPL, if present, using hydrophobic absorbent socks. LTM sampling activities have been conducted annually since 2011 at the referenced site. The latest groundwater sampling details and LNAPL monitoring and recovery activities are provided in the *2019 Groundwater Monitoring Report* (Resolution Consultants, 2019).

The sampling strategy for this phase of the investigation required annual LTM sampling of the permanent wells until an optimized monitoring strategy (e.g., reduced COPCs, reduced sampling frequency, reduce number of wells, etc.) or NFA determination could made for the site. During each LTM sampling event, groundwater samples were collected using low-flow methods and shipped to an offsite laboratory for analysis of the petroleum COPCs. If free product was detected, a groundwater sample was not collected from that location. In 2019, groundwater samples were collected from 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) and analyzed for benzene and naphthalene only. The remaining petroleum COPCs (ethylbenzene, toluene, xylenes, and select PAHs) were previously removed from the LTM program for 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) since they have not been detected at concentrations above the applicable RBSLs in groundwater at any of the monitoring well

locations. Field forms from the most recent sampling event in February and March 2019 are provided in the *2019 Groundwater Monitoring Report* (Resolution Consultants, 2019).

2.8 Long Term Monitoring Analytical Results

A summary of the laboratory analytical results and SCDHEC RBSLs is presented in Table 4. A comprehensive table of the historical groundwater analytical results for all permanent monitoring wells at the site through 2019 is presented in Appendix E. The associated laboratory analytical data reports are located in each of the annual LBMH groundwater monitoring reports.

The groundwater results collected from 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) from at least one of the monitoring wells were greater than the SCDHEC RBSLs and/or the site specific groundwater VISLs (Table 4) and/or had a detection of free product during the 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018 and 2019 groundwater sampling events. This indicated LTM was required to continue at the property to further assess the impact in groundwater by COPCs associated with the former UST at concentrations that may present a potential risk to human health and the environment. In a letter dated December 17, 2019, SCDHEC approved continuing LTM at 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) in order to monitor groundwater impacts from the former heating oil UST. SCDHEC's approval letter is provided in Appendix G.

LTM will continue at this property until COPC concentrations in groundwater sampled from all permanent monitoring wells are less than the SCDHEC RBSLs for three or more consecutive sampling events and free product is no longer detected at greater than 0.01 feet.

2.9 Soil Gas Sampling

On October 3, 2019, a single temporary subsurface soil gas well was installed at 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) in accordance with the SCDHEC approved *Uniform Federal Policy Sampling and Analysis Plan (UFP SAP) for Vapor Media* (Resolution Consultants, 2015). Soil gas sampling was conducted at this property to assess the potential risk for vapor intrusion associated with the possible construction of a new home on top of the former UST location. The subsurface soil gas well was in the same general location as the former heating oil UST and MW130. The former UST location is indicated on the sketch in the UST Assessment Report (Appendix B). Further details are provided in the *Technical Memorandum – Soil Gas Sampling Results – October 2014* (Resolution Consultants, 2015).

The sampling strategy for this phase of the investigation required a one-time sampling event of the temporary subsurface soil gas well. The temporary subsurface soil gas well was sampled on October 8, 2014. A soil gas sample was collected and shipped to an offsite laboratory for analysis of the petroleum COPCs. Upon completion of soil gas sampling, the temporary subsurface soil gas well was abandoned in accordance with the *UFP SAP for Vapor Media* (Resolution Consultants, 2015). Field forms are provided in the *Technical Memorandum – Soil Gas Sampling Results – October 2014* (Resolution Consultants, 2015).

2.10 Soil Gas Analytical Results

A summary of the laboratory analytical results and United States Environmental Protection Agency (USEPA) VISLs is presented in Table 5. A copy of the laboratory analytical data report is included in Appendix F.

The soil gas results collected from 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) were below the USEPA VISLs, which indicated that the subsurface soil gas was not impacted by COPCs associated with the former USTs at concentrations that present a potential risk to human health and the environment.

3.0 PROPERTY STATUS

The house at 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) was demolished and the property is an empty lot. There are no current plans for construction in this area. Based on the analytical results for groundwater collected from the permanent monitoring wells and/or detection of free product, LTM is required to continue at 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) to further assess the impact in groundwater by COPCs associated with the former UST. Groundwater monitoring results for this site beyond 2019 will be available on the Laurel Bay Health Study website, which is located at: https://www.beaufort.marines.mil/Resources/Laurel-Bay-Health-Study/. Based on the analytical results for soil gas, it was determined that there was not a VI concern at this property and a recommendation was made for no additional VI assessment activities. SCDHEC approved the no further VI investigation recommendation for 743 West Cardinal Lane (Formerly 1472 West Cardinal Lane) in a letter dated March 10, 2015. SCDHEC's letter is provided in Appendix G.

4.0 REFERENCES

Marine Corps Air Station Beaufort, 2007. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 1472 West Cardinal Lane, Laurel Bay Military Housing Area*, August 2007.

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Tables

Table 1
Laboratory Analytical Results - Soil
743 West Cardinal Lane (1472 West Cardinal Lane)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs [(1)]	Results Samples Collected 08/16/06	
		1472 Cardinal 01 Bottom	1472 Cardinal 02 Side
Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)			
Benzene	0.003	ND	ND
Ethylbenzene	1.15	**0.586**	**0.000462**
Naphthalene	0.036	**5.35**	ND
Toluene	0.627	ND	**0.000452**
Xylenes, Total	13.01	**0.628**	**0.00121**
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (mg/kg)			
Benzo(a)anthracene	0.66	**0.126**	ND
Benzo(b)fluoranthene	0.66	ND	ND
Benzo(k)fluoranthene	0.66	ND	ND
Chrysene	0.66	ND	ND
Dibenz(a,h)anthracene	0.66	ND	ND

Notes:

[(1)] South Carolina Risk-Based Screening Levels from the Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 1.0 (SCDHEC, May 2001).

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 - milligrams per kilogram

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

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

Table 2
Laboratory Analytical Results - Initial Groundwater
743 Cardinal Drive (Formerly 1472 Cardinal Drive)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs [1]	Site-Specific Groundwater VISLs[2]	Results Sample Collected 07/30/08
Volatile Organic Compounds Analyzed by EPA Method 8260B (µg/L)			
Benzene	5	16.24	**10.4**
Ethylbenzene	700	45.95	**114**
Naphthalene	25	29.33	**1030**
Toluene	1000	105,445	**3.7**
Xylenes, Total	10,000	2,133	**204.9**
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (µg/L)			
Benzo(a)anthracene	10	NA	ND
Benzo(b)fluoranthene	10	NA	ND
Benzo(k)fluoranthene	10	NA	ND
Chrysene	10	NA	**3.4**
Dibenz(a,h)anthracene	10	NA	ND

Notes:

[1] South Carolina Risk-Based Screening Levels from the Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 1.0 (SCDHEC, May 2001).

[2] Site-specific groundwater VISLs were calculated using the EPA JE Model Spreadsheets (Version 3.1, February 2004) and conservative modeling inputs representative of a small single-story house with an 8 foot ceiling. Site-specific groundwater VISLs were developed based on a target risk level of $1x10^{-6}$, a target hazard quotient of 1 (per target organ), and a default residential exposure scenario, assuming exposure for 24 hours/day, 350 days/year, for 26 years. Modeling was performed for a range of depths to groundwater for application as appropriate in different areas of the Laurel Bay Military Housing Area. The most conservative levels are presented for comparison. Refer to Appendix H of the Uniform Federal Policy Sampling Analysis and Sampling Plan for Vapor Media, Revision 4 (Resolution Consultants, April 2017) for additional information.

Bold font indicates the analyte was detected.

Bold font and shading indicates the concentration exceeds the SCDHEC RBSL and/or the Site-Specific Groundwater VISL.

EPA - United States Environmental Protection Agency

JE - Johnson & Ettinger

NA - not applicable

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

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

µg/L - micrograms per liter

VISL - Vapor Intrusion Screening Level

Table 3
Laboratory Analytical Results - Permanent Monitoring Well Groundwater
743 West Cardinal Lane (1472 West Cardinal Lane)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs [1]	Site-Specific Groundwater VISLs[2]	Results Sample Collected 03/04/10 and 11/14/11					
			MW-130 03/04/10	MW-131 03/04/10	MW-132 03/04/10	MW-143 11/14/11	MW-144 11/14/11	MW-145 11/14/11
Volatile Organic Compounds Analyzed by EPA Method 8260B (µg/L)								
Benzene	5	16.24	**5**	ND	ND	ND	ND	ND
Ethylbenzene	700	45.95	**39.1**	ND	ND	ND	ND	ND
Naphthalene	25	29.33	**108**	ND	ND	ND	ND	**0.42**
Toluene	1000	105,445	**4.2**	ND	ND	ND	ND	ND
Xylenes, Total	10,000	2,133	**135**	ND	ND	ND	ND	ND
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (µg/L)								
Benzo(a)anthracene	10	NA	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	10	NA	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	10	NA	ND	ND	ND	ND	ND	ND
Chrysene	10	NA	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	10	NA	ND	ND	ND	ND	ND	ND

Notes:

[1] South Carolina Risk-Based Screening Levels from the Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 3.1 (SCDHEC, February 2016).

[2] Site-specific groundwater VISLs were calculated using the EPA JE Model Spreadsheets (Version 3.1, February 2004) and conservative modeling inputs representative of a small single-story house with an 8 foot ceiling. Site-specific groundwater VISLs were developed based on a target risk level of $1x10^{-6}$, a target hazard quotient of 1 (per target organ), and a default residential exposure scenario, assuming exposure for 24 hours/day, 350 days/year, for 26 years. Modeling was performed for a range of depths to groundwater for application as appropriate in different areas of the Laurel Bay Military Housing Area. The most conservative levels are presented for comparison. Refer to Appendix H of the Uniform Federal Policy Sampling Analysis and Sampling Plan for Vapor Media, Revision 4 (Resolution Consultants, April 2017) for additional information.

Bold font indicates the analyte was detected.
Bold font and shading indicates the concentration exceeds the SCDHEC RBSL and/or the Site-Specific Groundwater VISL.
EPA - United States Environmental Protection Agency
JE - Johnson & Ettinger
NA - not applicable

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

RBSL - Risk-Based Screening Level
SCDHEC - South Carolina Department Of Health and Environmental Control
µg/L - micrograms per liter
VISL - Vapor Intrusion Screening Level

Table 4
Laboratory Analytical Results - Long Term Monitoring
743 West Cardinal Lane (1472 West Cardinal Lane)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent		Benzene	Ethylbenzene	Naphthalene	Toluene	Xylenes	Benzo(a) anthracene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene
SCDHEC RBSLs [1] (µg/L)		5	700	25	1000	10,000	10	10	10	10	10
Site-Specific Groundwater VISLs [2] (µg/L)		16.24	45.95	29.33	105,445	2,133	N/A	N/A	N/A	N/A	N/A
Well ID	**Sample Date**										
BEALB1472MW130	11/10/2011	**2.8**	**14**	**56**	**0.36**	**15**	ND	ND	ND	ND	ND
	8/2/2013	**3.3**	**13**	**37**	**0.33**	**19**	ND	ND	ND	ND	ND
	9/12/2014	**5.6**	**17**	**36**	**0.40**	**14**	ND	ND	ND	ND	ND
BEALB1472MW130R	11/10/2011	**3.3**	**15**	**83**	**0.32**	**15**	ND	ND	ND	ND	ND
	3/24/2017	**2.9**	**41**	**110**	**1.1**	**110**	ND	ND	ND	ND	ND
	6/19/2017	**2.6**	NA	**74**	NA	NA	NA	NA	NA	NA	NA
	1/30/2018	**2.3**	NA	**62**	NA	NA	NA	NA	NA	NA	NA
	2/26/2019	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
BEALB1472MW131	11/10/2011	ND	ND	ND	**0.18**	ND	ND	ND	ND	ND	ND
	8/2/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/12/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/19/2017	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	1/30/2018	ND	NA	**0.98**	NA	NA	NA	NA	NA	NA	NA
	2/26/2019	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
BEALB1472MW132	11/15/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/2/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/12/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/16/2017	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	1/30/2018	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	2/26/2019	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
BEALB1472MW143	11/14/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/2/2013	ND	ND	**3.8**	ND	ND	ND	ND	ND	ND	ND
	9/12/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/16/2017	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	1/29/2018	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	2/26/2019	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
BEALB1472MW144	11/14/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/2/2013	ND	ND	**4.1**	ND	ND	ND	ND	ND	ND	ND
	9/12/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/16/2017	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	1/29/2018	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	2/26/2019	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
BEALB1472MW145	11/14/2011	ND	ND	**13**	ND	ND	ND	ND	ND	ND	ND
	8/1/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/12/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/16/2017	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	1/26/2018	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	2/26/2019	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA

Notes:

[1] South Carolina Risk-Based Screening Levels from the Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 3.1 (SCDHEC, February 2016).

[2] Site-specific groundwater VISLs were calculated using the EPA JE Model Spreadsheets (Version 3.1, February 2004) and conservative modeling inputs representative of a small single-story house with an 8 foot ceiling. Site-specific groundwater VISLs were developed based on a target risk level of $1x10^{-6}$, a target hazard quotient of 1 (per target organ), and a default residential exposure scenario, assuming exposure for 24 hours/day, 350 days/year, for 26 years. Modeling was performed for a range of depths to groundwater for application as appropriate in different areas of the Laurel Bay Military Housing Area. The most conservative levels are presented for comparison. Refer to Appendix H of the Uniform Federal Policy Sampling Analysis and Sampling Plan for Vapor Media, Revision 4 (Resolution Consultants, April 2017) for additional information.

Bold font indicates the analyte was detected.
Bold font and shading indicates the concentration exceeds the SCDHEC RBSL and/or the Site-Specific Groundwater VISL.
FP - free product
JE - Johnson & Ettinger
N/A - not applicable
NA - not analyzed
ND - not detected at the reporting limit (or method detection limit if shown on the laboratory report). A comprehensive table of the historical groundwater analytical results for all permanent monitoring wells at the site through 2019 is presented in Appendix E.
NS - not sampled
RBSL - Risk-Based Screening Level
SCDHEC - South Carolina Department Of Health and Environmental Control
µg/L - micrograms per liter
VISL - Vapor Intrusion Screening Level

Table 5
Laboratory Analytical Results - Vapor
743 Cardinal Drive (Formerly 1472 Cardinal Drive)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	USEPA VISL [(1)]	Soil Gas Results Samples Collected 10/08/14
Volatile Organic Compounds Analyzed by USEPA Method TO-15 (µg/m^3)		
Benzene	12	ND
Toluene	17000	**0.45**
Ethylbenzene	37	ND
m,p-Xylenes	350	ND
o-Xylene	350	ND
Naphthalene	2.8	ND

Notes:

[(1)] United States Environmental Protection Agency Exterior Soil Gas Vapor Intrusion Screening Level (VISL) from VISL Calculator (Version 3.3.1, May 2014).

VISLs are based on a residual exposure scenario and a target risk level of $1x10^6$ and a hazard quotient of 0.1.

Bold font indicates the analyte was detected.

Bold font and shading indicates the concentration exceeds the residential VISL.

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

RBSL - Risk-Based Screening Level

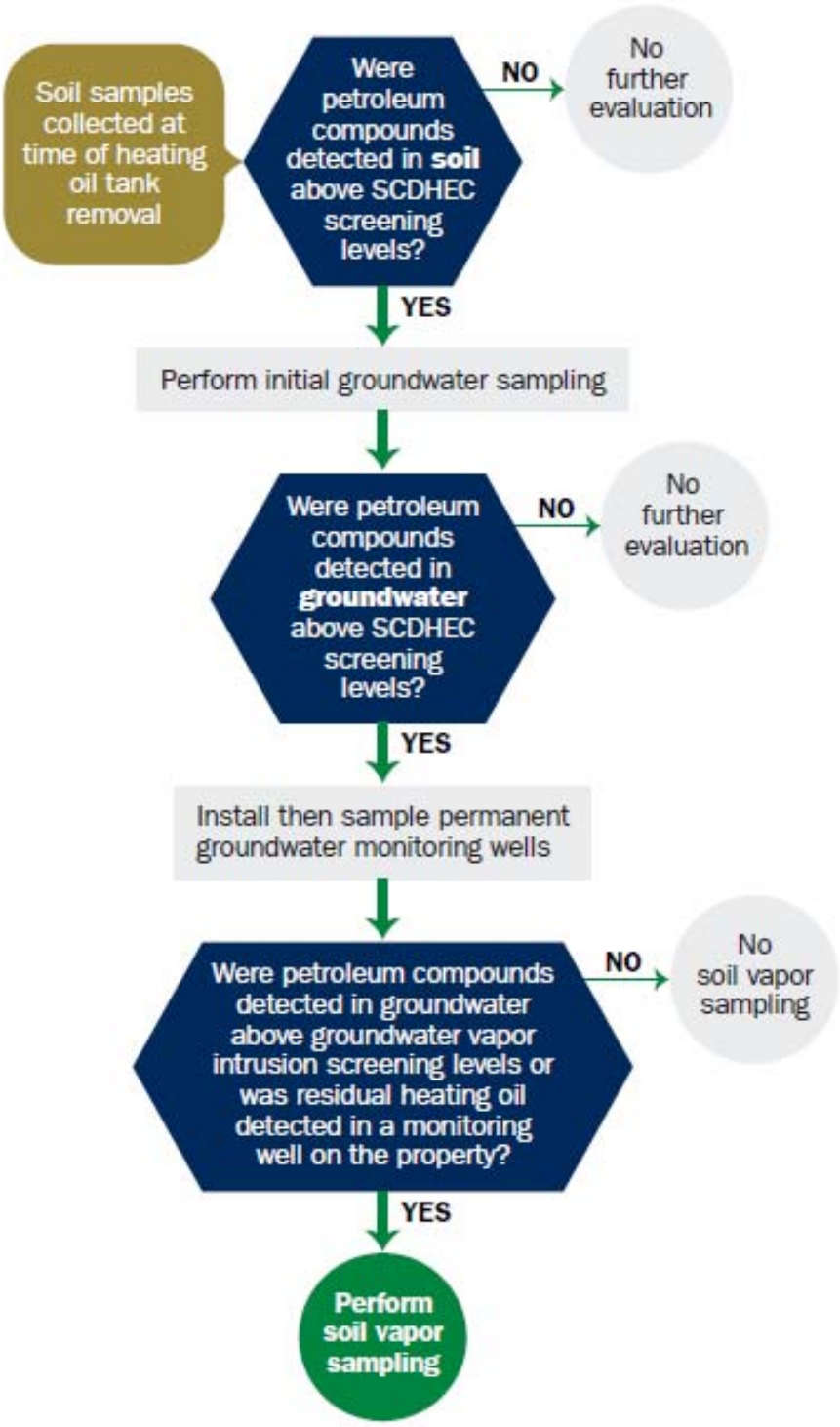
µg/m^3 - micrograms per cubic meter

USEPA - United States Environmental Protection Agency

VISL - Vapor Intrusion Screening Level

Appendix A
Multi-Media Selection Process for LBMH

CDM - AECOM
Multimedia Joint Venture



Appendix A - Multi-Media Selection Process for LBMH

Appendix B
UST Assessment Report

CDM - AECOM
Multimedia Joint Venture

1472 ARDINAT

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) 896-6240

RECEIVED
AUG 15 2007
Water Monitoring, Assessment & Protection Division

I. OWNERSHIP OF UST (S)

Beaufort Military Complex Family Housing
Owner Name (Corporation, Individual, Public Agency, Other)

1510 Laurel Bay Blvd.
Mailing Address

Beaufort	SC	29906
City	State	Zip Code

843	379-3305	Kyle Broadfoot
Area Code	Telephone Number	Contact Person

II. SITE IDENTIFICATION AND LOCATION

N/A
Permit I.D. #

Actus Lend Lease Construction
Facility Name or Company Site Identifier

1510 Laurel Bay Blvd.
Street Address or State Road (as applicable)

Beaufort, SC	29906	Beaufort
City	ZIP	County

Attachment 2

III. INSURANCE INFORMATION

Insurance Statement

The petroleum release reported to DHEC on N/A at Permit ID # 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.

And

I **do/do not** (circle one) wish to participate in the Superb Program.

IV. CERTIFICATION (To be signed by the UST owner/operator.)

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

V. UST INFORMATION

		Tank 1	Tank 2	Tank 3	Tank 4	Tank 5	Tank 6
A.	Product...(ex. Gas, Kerosene).....	#2 DIESEL					
B.	Capacity..(ex. 1k, 2k)..... (APPROX.)	350g.					
C.	Age.....						
D.	Construction Material..(ex. Steel, FRP).....	Steel					
E.	Month/Year of Last Use.....						
F.	Depth (ft.) To Base of Tank.....						
G.	Spill Prevention Equipment Y/N.....	N					
H.	Overfill Prevention Equipment Y/N.....	N					
I.	Method of Closure (Removed) Filled.....	Removed					
J.	Date Tanks Removed/Filled.....	8/16/06					
K.	Visible Corrosion or Pitting Y/N.....	N					
L.	Visible Holes Y/N.....	N					

M. Method of disposal for any USTs removed from the ground (attach disposal manifests)

Recycling - Scrap Steel

N. Method of disposal for any liquid petroleum, sludges, or wastewaters removed from the USTs (attach disposal manifests)

O. If any corrosion, pitting, or holes were observed, describe the location and extent for each UST

VI. PIPING INFORMATION

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5	Tank 6
A. Construction Material..(ex. Steel, FRP).....	Steel					
B. Distance from UST to Dispenser.....	N/A					
C. Number of Dispensers.....	-0-					
D. Type of System Pressure or Suction.....	Electric Pump					
E. Was Piping Removed from the Ground? Y/N	N					
F. Visible Corrosion or Pitting Y/N.....	N					
G. Visible Holes Y/N.....						
H. Age.....						

I. If any corrosion, pitting, or holes were observed, describe the location and extent for each piping run.

VII. BRIEF SITE DESCRIPTION AND HISTORY

Home Heating Oil Tank - Residential

VIII. SITE CONDITIONS

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

IX. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number DW: 84009002

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA #
1		S				A. Mancuso	ND
2		S				A. Mancuso	ND
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

* = Depth Below the Surrounding Land Surface

X. SAMPLING METHODOLOGY

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

EPA Method 8260 B Volatile Organic Compounds
- Preservative: 2 ea Sodium Bisulfate 1 ea
EPA Method 8270 Poly Aromatic Hydrocarbons
- No Preservative

One (1) Sidewall and One (1) Bottom Sample were secured from tank excavation. Samples were stored and shipped in an insulated cooler w/ ice.

XI. RECEPTORS

	Yes	No
A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system? 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? 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? If yes, indicate type of structure, distance, and direction on site map.		✓
D. Are there any underground utilities (e.g., telephone, electricity, gas, water, sewer, storm drain) located within 100 feet of the UST system that could potentially come in contact with the contamination? 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? If yes, indicate the area of contaminated soil on the site map.		✓

SUMMARY OF ANALYSIS RESULTS N/A

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

CoC	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8
Benzene								
Toluene								
Ethylbenzene								
Xylenes								
Naphthalene								
Benzo(a)anthracene								
Benzo(b)flouranthene								
Benzo(k)flouranthene								
Chrysene								
Dibenz(a,h)anthracene								
TPH (EPA 3550)								

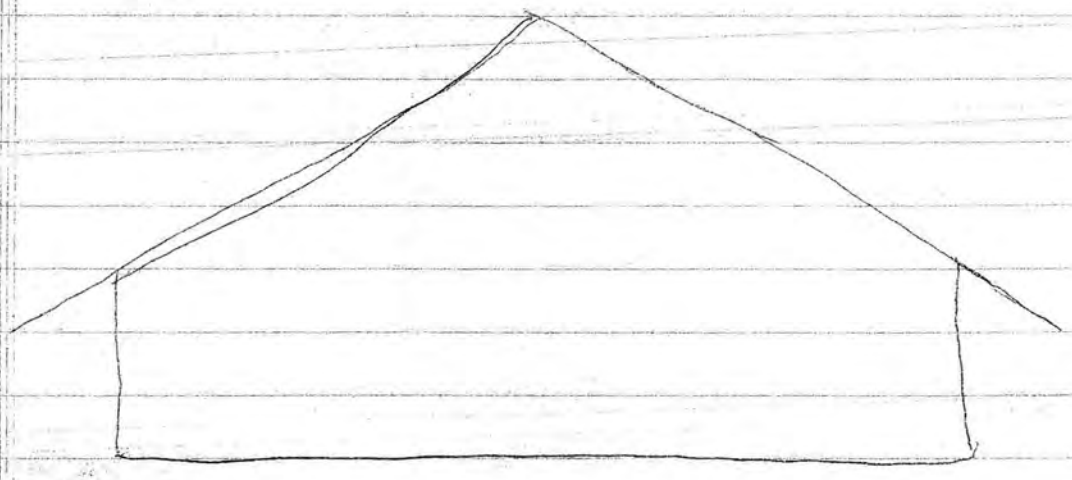
CoC	SB-9	SB-10	SB-11	SB-12	SB-13	SB-14	SB-15	SB-16
Benzene								
Toluene								
Ethylbenzene								
Xylenes								
Naphthalene								
Benzo(a)anthracene								
Benzo(b)flouranthene								
Benzo(k)flouranthene								
Chrysene								
Dibenz(a,h)anthracene								
TPH (EPA 3550)								

SUMMARY OF ANALYSIS RESULTS (cont'd) N/A

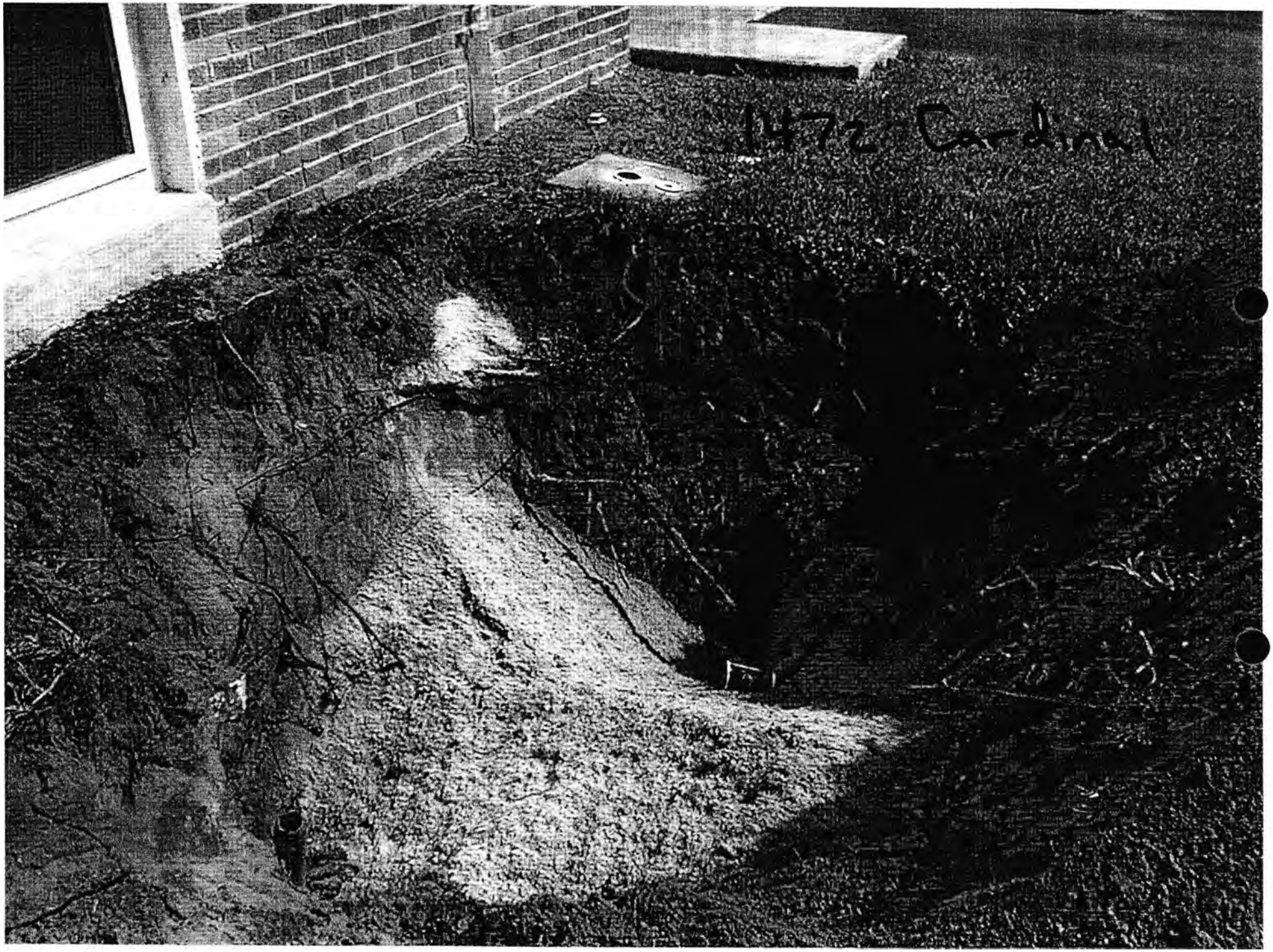
Enter the ground water analytical data for each sample for all CoC in the table below. If free product is present, indicate the measured thickness to the nearest 0.01 feet.

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

1472 Cardinal



size of tank 5ft
length of hole 9ft 3in
width " " 6ft 2in
depth " " 5ft 7in
house to center of tank 6ft 3in


1472 Cardinal

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
ANALYTICAL TESTING CORPORATION
4310 East Anderson Road Orlando, FL 32812 * 800-851-2560 * Fax 407-856-0886

August 25, 2006

Client: EPG, INC.
PO BOX 1096
MT PLEASANT, SC 29465

Attn: JOHN MAHONEY

Work Order: OPH0362
Project Name: LAUREL BAY
Project Number: EP 2362
Date Received: 08/18/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
441-01 BOTTOM	OPH0362-01	08/14/06 10:15
441-02 SIDE	OPH0362-02	08/14/06 10:15
143 LBB-01 BOTTOM	OPH0362-03	08/14/06 14:00
143 LBB-02 SIDE	OPH0362-04	08/14/06 14:00
143 LBB-03 BOTTOM	OPH0362-05	08/14/06 14:30
143 LBB-04 SIDE	OPH0362-06	08/14/06 14:30
270 BIRCH-01 BOTTOM	OPH0362-07	08/15/06 08:45
270 BIRCH-02 SIDE	OPH0362-08	08/15/06 08:50
201 BALSAM-01 BOTTOM	OPH0362-09	08/15/06 13:40
201 BALSAM-02 SIDE	OPH0362-10	08/15/06 13:45
1468 CARDINAL 01 BOTTOM	OPH0362-11	08/16/06 09:25
1468 CARDINAL 02 SIDE	OPH0362-12	08/16/06 09:25
1472 CARDINAL 01 BOTTOM	OPH0362-13	08/16/06 13:30
1472 CARDINAL 02 SIDE	OPH0362-14	08/16/06 14:00

Samples were received into laboratory at a temperature of 5.00 °C.

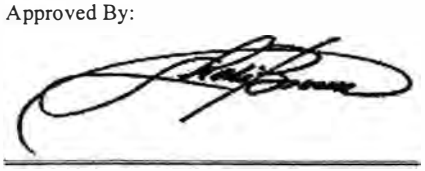
An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager. Any opinions, if expressed, are outside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

Results are reported on a wet weight basis unless otherwise noted

The reported results were obtained in compliance with 2003 NELAC standards unless otherwise noted.

South Carolina Certification Number: 96012001

Approved By:



TestAmerica - Orlando, FL
Shali Brown
Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
4310 East Anderson Road Orlando, FL 32812 * 800-851-2560 * Fax 407-856-0886

Client: EPG, INC.
PO BOX 1096
MT PLEASANT, SC 29465
Attn: JOHN MAHONEY

Work Order: OPH0362
Project: LAUREL BAY
Project Number: EP 2362

Sampled: 08/14/06-08/16/06
Received: 08/18/06

LABORATORY REPORT
Sample ID: 441-01 BOTTOM - Lab Number: OPH0362-01 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**85.5**		%.	0.100	0.100	1	08/18/06 17:19	AKA	EPA 160.3	6H21005
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	Benzene	43.0	RL2,U	ug/kg dry	43.0	118	250	08/18/06 17:12	JLS	EPA 8260B	6H21019
100-41-4	**Ethylbenzene**	**1480**		ug/kg dry	49.7	118	250	08/18/06 17:12	JLS	EPA 8260B	6H21019
91-20-3	**Naphthalene**	**15600**		ug/kg dry	64.9	118	250	08/18/06 17:12	JLS	EPA 8260B	6H21019
108-88-3	**Toluene**	**127**		ug/kg dry	102	118	250	08/18/06 17:12	JLS	EPA 8260B	6H21019
1330-20-7	**Xylenes, total**	**4530**		ug/kg dry	61.0	118	250	08/18/06 17:12	JLS	EPA 8260B	6H21019
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*99 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*103 %*									
Surrogate: Dibromofluoromethane (55-145%)		*102 %*									
Surrogate: Toluene-d8 (80-117%)		*102 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	Acenaphthene	86.5	U	ug/kg dry	86.5	195	1	08/24/06 18:52	LCS	EPA 8270C	6H22026
208-96-8	Acenaphthylene	114	U	ug/kg dry	114	195	1	08/24/06 18:52	LCS	EPA 8270C	6H22026
120-12-7	**Anthracene**	**7410**		ug/kg dry	623	1950	10	08/25/06 09:17	LCS	EPA 8270C	6H22026
56-55-3	**Benzo (a) anthracene**	**242**		ug/kg dry	211	1950	10	08/24/06 18:52	LCS	EPA 8270C	6H22026
205-99-2	Benzo (b) fluoranthene	20.6	U	ug/kg dry	20.6	195	1	08/24/06 18:52	LCS	EPA 8270C	6H22026
207-08-9	Benzo (k) fluoranthene	20.6	U	ug/kg dry	20.6	195	1	08/24/06 18:52	LCS	EPA 8270C	6H22026
191-24-2	Benzo (g,h,i) perylene	20.3	U	ug/kg dry	20.3	195	1	08/24/06 18:52	LCS	EPA 8270C	6H22026
50-32-8	Benzo (a) pyrene	24.0	U	ug/kg dry	24.0	195	1	08/24/06 18:52	LCS	EPA 8270C	6H22026
90-12-0	**1-Methylnaphthalene**	**22700**		ug/kg dry	980	1950	10	08/25/06 09:17	LCS	EPA 8270C	6H22026
218-01-9	Chrysene	23.4	U	ug/kg dry	23.4	195	1	08/24/06 18:52	LCS	EPA 8270C	6H22026
53-70-3	Dibenz (a,h) anthracene	25.6	U	ug/kg dry	25.6	195	1	08/24/06 18:52	LCS	EPA 8270C	6H22026
206-44-0	Fluoranthene	28.1	U	ug/kg dry	28.1	195	1	08/24/06 18:52	LCS	EPA 8270C	6H22026
86-73-7	**Fluorene**	**1350**		ug/kg dry	76.4	195	1	08/24/06 18:52	LCS	EPA 8270C	6H22026
193-39-5	Indeno (1,2,3-cd) pyrene	25.3	U	ug/kg dry	25.3	195	1	08/24/06 18:52	LCS	EPA 8270C	6H22026
91-57-6	**2-Methylnaphthalene**	**34000**		ug/kg dry	833	1950	10	08/25/06 09:17	LCS	EPA 8270C	6H22026
91-20-3	**Naphthalene**	**5880**		ug/kg dry	784	1950	10	08/24/06 18:52	LCS	EPA 8270C	6H22026
85-01-8	**Phenanthrene**	**7320**		ug/kg dry	461	1950	10	08/25/06 09:17	LCS	EPA 8270C	6H22026
129-00-0	**Pyrene**	**511**		ug/kg dry	397	1950	10	08/24/06 18:52	LCS	EPA 8270C	6H22026
Surrogate: 2-Fluorobiphenyl (24-121%)		*67 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*93 %*									
Surrogate: Terphenyl-d14 (44-171%)		*35 %*	J1								

LABORATORY REPORT
Sample ID: 441-02 SIDE - Lab Number: OPH0362-02 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**86.2**		%.	0.100	0.100	1	08/18/06 17:19	AKA	EPA 160.3	6H21005
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	Benzene	47.5	RL2,U	ug/kg dry	47.5	130	250	08/18/06 17:29	JLS	EPA 8260B	6H21019
100-41-4	**Ethylbenzene**	**781**		ug/kg dry	54.9	130	250	08/18/06 17:29	JLS	EPA 8260B	6H21019

TestAmerica
ANALYTICAL TESTING CORPORATION
4310 East Anderson Road Orlando, FL 32812 * 800-851-2560 * Fax 407-856-0886

Client: EPG, INC.
PO BOX 1096
MT PLEASANT, SC 29465
Attn: JOHN MAHONEY

Work Order: OPH0362
Project: LAUREL BAY
Project Number: EP 2362

Sampled: 08/14/06-08/16/06
Received: 08/18/06

LABORATORY REPORT

Sample ID: 441-02 SIDE - Lab Number: OPH0362-02 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Volatile Organic Compounds by EPA Method 8260B - Cont.											
91-20-3	**Naphthalene**	**10200**		ug/kg dry	71.6	130	250	08/18/06 17:29	JLS	EPA 8260B	6H21019
108-88-3	**Toluene**	**117**		ug/kg dry	112	130	250	08/18/06 17:29	JLS	EPA 8260B	6H21019
1330-20-7	**Xylenes, total**	**1480**		ug/kg dry	67.4	130	250	08/18/06 17:29	JLS	EPA 8260B	6H21019
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*98 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*108 %*									
Surrogate: Dibromofluoromethane (55-145%)		*101 %*									
Surrogate: Toluene-d8 (80-117%)		*103 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	Acenaphthene	85.8	U	ug/kg dry	85.8	194	1	08/24/06 19:20	LCS	EPA 8270C	6H22026
208-96-8	Acenaphthylene	113	U	ug/kg dry	113	194	1	08/24/06 19:20	LCS	EPA 8270C	6H22026
120-12-7	**Anthracene**	**12800**		ug/kg dry	618	1940	10	08/24/06 19:20	LCS	EPA 8270C	6H22026
56-55-3	**Benzo (a) anthracene**	**619**		ug/kg dry	21.0	194	1	08/24/06 19:20	LCS	EPA 8270C	6H22026
205-99-2	**Benzo (b) fluoranthene**	**454**		ug/kg dry	20.4	194	1	08/24/06 19:20	LCS	EPA 8270C	6H22026
207-08-9	**Benzo (k) fluoranthene**	**463**		ug/kg dry	20.4	194	1	08/24/06 19:20	LCS	EPA 8270C	6H22026
191-24-2	Benzo (g,h,i) perylene	20.1	U	ug/kg dry	20.1	194	1	08/24/06 19:20	LCS	EPA 8270C	6H22026
50-32-8	Benzo (a) pyrene	23.8	U	ug/kg dry	23.8	194	1	08/24/06 19:20	LCS	EPA 8270C	6H22026
90-12-0	**1-Methylnaphthalene**	**36100**		ug/kg dry	973	1940	10	08/25/06 10:42	LCS	EPA 8270C	6H22026
218-01-9	**Chrysene**	**874**		ug/kg dry	232	1940	10	08/24/06 19:20	LCS	EPA 8270C	6H22026
53-70-3	Dibenz (a,h) anthracene	25.4	U	ug/kg dry	25.4	194	1	08/24/06 19:20	LCS	EPA 8270C	6H22026
206-44-0	Fluoranthene	27.9	U	ug/kg dry	27.9	194	1	08/24/06 19:20	LCS	EPA 8270C	6H22026
86-73-7	Fluorene	75.8	U	ug/kg dry	75.8	194	1	08/24/06 19:20	LCS	EPA 8270C	6H22026
193-39-5	Indeno (1,2,3-cd) pyrene	25.1	U	ug/kg dry	25.1	194	1	08/24/06 19:20	LCS	EPA 8270C	6H22026
91-57-6	**2-Methylnaphthalene**	**51200**		ug/kg dry	826	1940	10	08/24/06 19:20	LCS	EPA 8270C	6H22026
91-20-3	**Naphthalene**	**9560**		ug/kg dry	778	1940	10	08/24/06 19:20	LCS	EPA 8270C	6H22026
85-01-8	**Phenanthrene**	**12700**		ug/kg dry	457	1940	10	08/24/06 19:20	LCS	EPA 8270C	6H22026
129-00-0	**Pyrene**	**2010**		ug/kg dry	394	1940	10	08/24/06 19:20	LCS	EPA 8270C	6H22026
Surrogate: 2-Fluorobiphenyl (24-121%)		*80 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*57 %*									
Surrogate: Terphenyl-d14 (44-171%)		*90 %*									

LABORATORY REPORT

Sample ID: 143 LBB-01 BOTTOM - Lab Number: OPH0362-03 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**82.4**		%.	0.100	0.100	1	08/18/06 17:19	AKA	EPA 160.3	6H21005
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	Benzene	0.164	U	ug/kg dry	0.164	0.449	1	08/18/06 13:50	JLS	EPA 8260B	6H21019
100-41-4	**Ethylbenzene**	**2.24**		ug/kg dry	0.190	0.449	1	08/18/06 13:50	JLS	EPA 8260B	6H21019
91-20-3	**Naphthalene**	**12.2**		ug/kg dry	0.248	0.449	1	08/18/06 13:50	JLS	EPA 8260B	6H21019
108-88-3	Toluene	0.388	U	ug/kg dry	0.388	0.449	1	08/18/06 13:50	JLS	EPA 8260B	6H21019
1330-20-7	**Xylenes, total**	**0.512**		ug/kg dry	0.233	0.449	1	08/18/06 13:50	JLS	EPA 8260B	6H21019
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*111 %*									

TestAmerica - Orlando, FL
Shali Brown
Project Manager

Client: EPG, INC.
PO BOX 1096
MT PLEASANT, SC 29465
Attn: JOHN MAHONEY

Work Order: OPH0362
Project: LAUREL BAY
Project Number: EP 2362

Sampled: 08/14/06-08/16/06
Received: 08/18/06

LABORATORY REPORT

Sample ID: 143 LBB-01 BOTTOM - Lab Number: OPH0362-03 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Volatile Organic Compounds by EPA Method 8260B - Cont.											
Surrogate: 4-Bromofluorobenzene (59-118%)		*106 %*									
Surrogate: Dibromofluoromethane (55-145%)		*106 %*									
Surrogate: Toluene-d8 (80-117%)		*104 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	Acenaphtbene	89.8	U	ug/kg dry	89.8	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
208-96-8	Acenaphthylene	119	U	ug/kg dry	119	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
120-12-7	Anthracene	64.6	U	ug/kg dry	64.6	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
56-55-3	Benzo (a) antbracene	21.9	U	ug/kg dry	21.9	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
205-99-2	Benzo (b) fluoranthene	21.3	U	ug/kg dry	21.3	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
207-08-9	Benzo (k) fluoranthene	21.3	U	ug/kg dry	21.3	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
191-24-2	Benzo (g,h,i) perylene	21.0	U	ug/kg dry	21.0	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
50-32-8	Benzo (a) pyrene	24.9	U	ug/kg dry	24.9	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
90-12-0	1-Methylnaphthalene	102	U	ug/kg dry	102	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
218-01-9	Chrysene	24.2	U	ug/kg dry	24.2	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
53-70-3	Dibenz (a,h) anthracene	26.6	U	ug/kg dry	26.6	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
206-44-0	Fluoranthene	29.2	U	ug/kg dry	29.2	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
86-73-7	Fluorene	79.3	U	ug/kg dry	79.3	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
193-39-5	Indeno (1,2,3-cd) pyrene	26.2	U	ug/kg dry	26.2	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
91-57-6	2-Methylnaphthalene	86.4	U	ug/kg dry	86.4	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
91-20-3	Naphthalene	81.4	U	ug/kg dry	81.4	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
85-01-8	Phenanthrene	47.8	U	ug/kg dry	47.8	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
129-00-0	Pyrene	41.2	U	ug/kg dry	41.2	203	1	08/24/06 19:48	LCS	EPA 8270C	6H22026
Surrogate: 2-Fluorobiphenyl (24-121%)		*87 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*78 %*									
Surrogate: Terphenyl-d14 (44-171%)		*94 %*									

LABORATORY REPORT

Sample ID: 143 LBB-02 SIDE - Lab Number: OPH0362-04 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**89.8**		%.	0.100	0.100	1	08/18/06 17:19	AKA	EPA 160.3	6H21005
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	Benzene	0.178	U	ug/kg dry	0.178	0.487	1	08/18/06 14:10	JLS	EPA 8260B	6H21019
100-41-4	Ethylbenzene	0.206	U	ug/kg dry	0.206	0.487	1	08/18/06 14:10	JLS	EPA 8260B	6H21019
91-20-3	Naphthalene	0.269	U	ug/kg dry	0.269	0.487	1	08/18/06 14:10	JLS	EPA 8260B	6H21019
108-88-3	Toluene	0.420	U	ug/kg dry	0.420	0.487	1	08/18/06 14:10	JLS	EPA 8260B	6H21019
1330-20-7	Xylenes, total	0.253	U	ug/kg dry	0.253	0.487	1	08/18/06 14:10	JLS	EPA 8260B	6H21019
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*113 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*104 %*									
Surrogate: Dibromofluoromethane (55-145%)		*105 %*									
Surrogate: Toluene-d8 (80-117%)		*103 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											

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Client: EPG, INC.
PO BOX 1096
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Attn: JOHN MAHONEY

Work Order: OPH0362
Project: LAUREL BAY
Project Number: EP 2362

Sampled: 08/14/06-08/16/06
Received: 08/18/06

LABORATORY REPORT

Sample ID: 143 LBB-02 SIDE - Lab Number: OPH0362-04 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	Acenaphthene	82.4	U	ug/kg dry	82.4	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
208-96-8	Acenaphthylene	109	U	ug/kg dry	109	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
120-12-7	Anthracene	59.3	U	ug/kg dry	59.3	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
56-55-3	Benzo (a) anthracene	20.1	U	ug/kg dry	20.1	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
205-99-2	Benzo (b) fluoranthene	19.6	U	ug/kg dry	19.6	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
207-08-9	Benzo (k) fluoranthene	19.6	U	ug/kg dry	19.6	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
191-24-2	Benzo (g,h,i) perylene	19.3	U	ug/kg dry	19.3	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
50-32-8	Benzo (a) pyrene	22.9	U	ug/kg dry	22.9	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
90-12-0	1-Methylnaphthalene	93.4	U	ug/kg dry	93.4	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
218-01-9	Chrysene	22.2	U	ug/kg dry	22.2	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
53-70-3	Dibenz (a,h) anthracene	24.4	U	ug/kg dry	24.4	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
206-44-0	Fluoranthene	26.7	U	ug/kg dry	26.7	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
86-73-7	Fluorene	72.8	U	ug/kg dry	72.8	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
193-39-5	Indeno (1,2,3-cd) pyrene	24.1	U	ug/kg dry	24.1	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
91-57-6	2-Methylnaphthalene	79.3	U	ug/kg dry	79.3	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
91-20-3	Naphthalene	74.7	U	ug/kg dry	74.7	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
85-01-8	Phenanthrene	43.9	U	ug/kg dry	43.9	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
129-00-0	Pyrene	37.8	U	ug/kg dry	37.8	186	1	08/24/06 20:16	LCS	EPA 8270C	6H22026
Surrogate: 2-Fluorobiphenyl (24-121%)		*102 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*94 %*									
Surrogate: Terphenyl-d14 (44-171%)		*114 %*									

LABORATORY REPORT

Sample ID: 143 LBB-03 BOTTOM - Lab Number: OPH0362-05 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**86.3**		%.	0.100	0.100	1	08/18/06 17:19	AKA	EPA 160.3	6H21005
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	Benzene	0.169	U	ug/kg dry	0.169	0.461	1	08/18/06 14:30	JLS	EPA 8260B	6H21019
100-41-4	Ethylbenzene	0.195	U	ug/kg dry	0.195	0.461	1	08/18/06 14:30	JLS	EPA 8260B	6H21019
91-20-3	Naphthalene	0.254	U	ug/kg dry	0.254	0.461	1	08/18/06 14:30	JLS	EPA 8260B	6H21019
108-88-3	Toluene	0.398	U	ug/kg dry	0.398	0.461	1	08/18/06 14:30	JLS	EPA 8260B	6H21019
1330-20-7	Xylenes, total	0.239	U	ug/kg dry	0.239	0.461	1	08/18/06 14:30	JLS	EPA 8260B	6H21019
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*111 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*103 %*									
Surrogate: Dibromofluoromethane (55-145%)		*104 %*									
Surrogate: Toluene-d8 (80-117%)		*103 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	Acenaphthene	85.7	U	ug/kg dry	85.7	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026
208-96-8	Acenaphthylene	113	U	ug/kg dry	113	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026
120-12-7	Anthracene	61.7	U	ug/kg dry	61.7	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026
56-55-3	Benzo (a) anthracene	21.0	U	ug/kg dry	21.0	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026

TestAmerica - Orlando, FL
Shali Brown
Project Manager

Client: EPG, INC.
PO BOX 1096
MT PLEASANT, SC 29465
Attn: JOHN MAHONEY

Work Order: OPH0362
Project: LAUREL BAY
Project Number: EP 2362

Sampled: 08/14/06-08/16/06
Received: 08/18/06

LABORATORY REPORT
Sample ID: 143 LBB-03 BOTTOM - Lab Number: OPH0362-05 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Polynuclear Aromatic Hydrocarbons by EPA Method 8270 - Cont.											
205-99-2	Benzo (b) fluoranthene	20.4	U	ug/kg dry	20.4	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026
207-08-9	Benzo (k) fluoranthene	20.4	U	ug/kg dry	20.4	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026
191-24-2	Benzo (g,h,i) perylene	20.1	U	ug/kg dry	20.1	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026
50-32-8	Benzo (a) pyrene	23.8	U	ug/kg dry	23.8	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026
90-12-0	1-Methylnaphthalene	97.1	U	ug/kg dry	97.1	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026
218-01-9	Chrysene	23.2	U	ug/kg dry	23.2	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026
53-70-3	Dibenz (a,h) anthracene	25.4	U	ug/kg dry	25.4	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026
206-44-0	Fluoranthene	27.8	U	ug/kg dry	27.8	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026
86-73-7	Fluorene	75.7	U	ug/kg dry	75.7	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026
193-39-5	Indeno (1,2,3-cd) pyrene	25.1	U	ug/kg dry	25.1	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026
91-57-6	2-Methylnaphthalene	82.5	U	ug/kg dry	82.5	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026
91-20-3	Naphthalene	77.7	U	ug/kg dry	77.7	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026
85-01-8	Phenanthrene	45.6	U	ug/kg dry	45.6	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026
129-00-0	Pyrene	39.3	U	ug/kg dry	39.3	194	1	08/24/06 20:44	LCS	EPA 8270C	6H22026
Surrogate: 2-Fluorobiphenyl (24-121%)		*91 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*82 %*									
Surrogate: Terphenyl-d14 (44-171%)		*122 %*									

LABORATORY REPORT
Sample ID: 143 LBB-04 SIDE - Lab Number: OPH0362-06 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**92.6**		%.	0.100	0.100	1	08/18/06 17:19	AKA	EPA 160.3	6H21005
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	Benzene	0.181	U	ug/kg dry	0.181	0.495	1	08/18/06 14:51	JLS	EPA 8260B	6H21019
100-41-4	Ethylbenzene	0.210	U	ug/kg dry	0.210	0.495	1	08/18/06 14:51	JLS	EPA 8260B	6H21019
91-20-3	Naphthalene	0.274	U	ug/kg dry	0.274	0.495	1	08/18/06 14:51	JLS	EPA 8260B	6H21019
108-88-3	Toluene	0.428	U	ug/kg dry	0.428	0.495	1	08/18/06 14:51	JLS	EPA 8260B	6H21019
1330-20-7	Xylenes, total	0.257	U	ug/kg dry	0.257	0.495	1	08/18/06 14:51	JLS	EPA 8260B	6H21019
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*117 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*104 %*									
Surrogate: Dibromofluoromethane (55-145%)		*107 %*									
Surrogate: Toluene-d8 (80-117%)		*103 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	Acenaphthene	79.9	U	ug/kg dry	79.9	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026
208-96-8	Acenaphthylene	105	U	ug/kg dry	105	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026
120-12-7	Anthracene	57.5	U	ug/kg dry	57.5	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026
56-55-3	Benzo (a) anthracene	19.5	U	ug/kg dry	19.5	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026
205-99-2	Benzo (b) fluoranthene	19.0	U	ug/kg dry	19.0	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026
207-08-9	Benzo (k) fluoranthene	19.0	U	ug/kg dry	19.0	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026
191-24-2	Benzo (g,h,i) perylene	18.7	U	ug/kg dry	18.7	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026
50-32-8	Benzo (a) pyrene	22.2	U	ug/kg dry	22.2	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026

Client: EPG, INC.
PO BOX 1096
MT PLEASANT, SC 29465
Attn: JOHN MAHONEY

Work Order: OPH0362
Project: LAUREL BAY
Project Number: EP 2362

Sampled 08/14/06-08/16/06
Received: 08/18/06

LABORATORY REPORT

Sample ID: 143 LBB-04 SIDE - Lab Number: OPH0362-06 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Polynuclear Aromatic Hydrocarbons by EPA Method 8270 - Cont.											
90-12-0	1-Methylnaphthalene	90.5	U	ug/kg dry	90.5	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026
218-01-9	Chrysene	21.6	U	ug/kg dry	21.6	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026
53-70-3	Dibenz (a,h) anthracene	23.7	U	ug/kg dry	23.7	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026
206-44-0	Fluoranthene	25.9	U	ug/kg dry	25.9	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026
86-73-7	Fluorene	70.6	U	ug/kg dry	70.6	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026
193-39-5	Indeno (1,2,3-cd) pyrene	23.3	U	ug/kg dry	23.3	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026
91-57-6	2-Methylnaphthalene	76.9	U	ug/kg dry	76.9	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026
91-20-3	Naphthalene	72.4	U	ug/kg dry	72.4	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026
85-01-8	Phenanthrene	42.5	U	ug/kg dry	42.5	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026
129-00-0	Pyrene	36.6	U	ug/kg dry	36.6	180	1	08/24/06 21:12	LCS	EPA 8270C	6H22026
Surrogate: 2-Fluorobiphenyl (24-121%)		*65 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*75 %*									
Surrogate: Terphenyl-d14 (44-171%)		*124 %*									

LABORATORY REPORT

Sample ID: 270 BIRCH-01 BOTTOM - Lab Number: OPH0362-07 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**93.8**		**%**	0.100	0.100	1	08/18/06 17:19	AKA	EPA 160.3	6H21006
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	Benzene	0.206	U	ug/kg dry	0.206	0.562	1	08/18/06 15:13	JLS	EPA 8260B	6H21019
100-41-4	Ethylbenzene	0.238	U	ug/kg dry	0.238	0.562	1	08/18/06 15:13	JLS	EPA 8260B	6H21019
91-20-3	Naphthalene	0.311	U	ug/kg dry	0.311	0.562	1	08/18/06 15:13	JLS	EPA 8260B	6H21019
108-88-3	Toluene	0.486	U	ug/kg dry	0.486	0.562	1	08/18/06 15:13	JLS	EPA 8260B	6H21019
1330-20-7	Xylenes, total	0.292	U	ug/kg dry	0.292	0.562	1	08/18/06 15:13	JLS	EPA 8260B	6H21019
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*112 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*102 %*									
Surrogate: Dibromofluoromethane (55-145%)		*104 %*									
Surrogate: Toluene-d8 (80-117%)		*103 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	Acenaphthene	78.9	U	ug/kg dry	78.9	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026
208-96-8	Acenaphthylene	104	U	ug/kg dry	104	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026
120-12-7	Anthracene	56.8	U	ug/kg dry	56.8	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026
56-55-3	Benzo (a) anthracene	19.3	U	ug/kg dry	19.3	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026
205-99-2	Benzo (b) fluoranthene	18.7	U	ug/kg dry	18.7	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026
207-08-9	Benzo (k) fluoranthene	18.7	U	ug/kg dry	18.7	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026
191-24-2	Benzo (g,h,i) perylene	18.5	U	ug/kg dry	18.5	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026
50-32-8	Benzo (a) pyrene	21.9	U	ug/kg dry	21.9	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026
90-12-0	1-Methylnaphthalene	89.4	U	ug/kg dry	89.4	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026
218-01-9	Chrysene	21.3	U	ug/kg dry	21.3	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026
53-70-3	Dibenz (a,h) anthracene	23.4	U	ug/kg dry	23.4	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026
206-44-0	Fluoranthene	25.6	U	ug/kg dry	25.6	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026

Client: EPG, INC.
PO BOX 1096
MT PLEASANT, SC 29465
Attn: JOHN MAHONEY

Work Order: OPH0362
Project: LAUREL BAY
Project Number: EP 2362

Sampled: 08/14/06-08/16/06
Received: 08/18/06

LABORATORY REPORT

Sample ID: 270 BIRCH-01 BOTTOM - Lab Number: OPH0362-07 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Polynuclear Aromatic Hydrocarbons by EPA Method 8270 - Cont.											
86-73-7	Fluorene	69.7	U	ug/kg dry	69.7	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026
193-39-5	Indeno (1,2,3-cd) pyrene	23.0	U	ug/kg dry	23.0	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026
91-57-6	2-Methylnaphthalene	75.9	U	ug/kg dry	75.9	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026
91-20-3	Naphthalene	71.5	U	ug/kg dry	71.5	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026
85-01-8	Phenanthrene	42.0	U	ug/kg dry	42.0	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026
129-00-0	Pyrene	36.2	U	ug/kg dry	36.2	178	1	08/24/06 21:40	LCS	EPA 8270C	6H22026
Surrogate: 2-Fluorobiphenyl (24-121%)		*93 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*88 %*									
Surrogate: Terphenyl-d14 (44-171%)		*130 %*									

LABORATORY REPORT

Sample ID: 270 BIRCH-02 SIDE - Lab Number: OPH0362-08 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**95.2**		%.	0.100	0.100	1	08/18/06 17:19	AKA	EPA 160.3	6H21006
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	Benzene	0.191	U	ug/kg dry	0.191	0.522	1	08/18/06 15:34	JLS	EPA 8260B	6H21019
100-41-4	Ethylbenzene	0.221	U	ug/kg dry	0.221	0.522	1	08/18/06 15:34	JLS	EPA 8260B	6H21019
91-20-3	Naphthalene	0.288	U	ug/kg dry	0.288	0.522	1	08/18/06 15:34	JLS	EPA 8260B	6H21019
108-88-3	Toluene	0.451	U	ug/kg dry	0.451	0.522	1	08/18/06 15:34	JLS	EPA 8260B	6H21019
1330-20-7	Xylenes, total	0.271	U	ug/kg dry	0.271	0.522	1	08/18/06 15:34	JLS	EPA 8260B	6H21019
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*111 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*99 %*									
Surrogate: Dibromofluoromethane (55-145%)		*106 %*									
Surrogate: Toluene-d8 (80-117%)		*101 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	Acenaphthene	77.7	U	ug/kg dry	77.7	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026
208-96-8	Acenaphthylene	103	U	ug/kg dry	103	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026
120-12-7	Anthracene	55.9	U	ug/kg dry	55.9	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026
56-55-3	Benzo (a) anthracene	19.0	U	ug/kg dry	19.0	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026
205-99-2	Benzo (b) fluoranthene	18.5	U	ug/kg dry	18.5	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026
207-08-9	Benzo (k) fluoranthene	18.5	U	ug/kg dry	18.5	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026
191-24-2	Benzo (g,h,i) perylene	18.2	U	ug/kg dry	18.2	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026
50-32-8	Benzo (a) pyrene	21.6	U	ug/kg dry	21.6	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026
90-12-0	1-Methylnaphthalene	88.1	U	ug/kg dry	88.1	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026
218-01-9	Chrysene	21.0	U	ug/kg dry	21.0	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026
53-70-3	Dibenz (a,h) anthracene	23.0	U	ug/kg dry	23.0	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026
206-44-0	Fluoranthene	25.2	U	ug/kg dry	25.2	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026
86-73-7	Fluorene	68.7	U	ug/kg dry	68.7	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026
193-39-5	Indeno (1,2,3-cd) pyrene	22.7	U	ug/kg dry	22.7	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026
91-57-6	2-Methylnaphthalene	74.8	U	ug/kg dry	74.8	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026
91-20-3	Naphthalene	70.4	U	ug/kg dry	70.4	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026

Client: EPG, INC.
PO BOX 1096
MT PLEASANT, SC 29465
Attn: JOHN MAHONEY

Work Order: OPH0362
Project: LAUREL BAY
Project Number: EP 2362

Sampled 08/14/06-08/16/06
Received: 08/18/06

LABORATORY REPORT
Sample ID: 270 BIRCH-02 SIDE - Lab Number: OPH0362-08 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Polynuclear Aromatic Hydrocarbons by EPA Method 8270 - Cont.											
85-01-8	Phenanthrene	41.4	U	ug/kg dry	41.4	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026
129-00-0	Pyrene	35.6	U	ug/kg dry	35.6	175	1	08/24/06 22:08	LCS	EPA 8270C	6H22026
Surrogate: 2-Fluorobiphenyl (24-121%)		*94 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*87 %*									
Surrogate: Terphenyl-d14 (44-171%)		*123 %*									

LABORATORY REPORT
Sample ID: 201 BALSAM-01 BOTTOM - Lab Number: OPH0362-09 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**85.4**		%.	0.100	0.100	1	08/18/06 17:19	AKA	EPA 160.3	6H21006
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	Benzene	44.3	RL2,U	ug/kg dry	44.3	121	250	08/18/06 17:47	JLS	EPA 8260B	6H21019
100-41-4	**Ethylbenzene**	**2370**		ug/kg dry	51.2	121	250	08/18/06 17:47	JLS	EPA 8260B	6H21019
91-20-3	**Naphthalene**	**16600**		ug/kg dry	66.8	121	250	08/18/06 17:47	JLS	EPA 8260B	6H21019
108-88-3	Toluene	104	U	ug/kg dry	104	121	250	08/18/06 17:47	JLS	EPA 8260B	6H21019
1330-20-7	**Xylenes, total**	**1810**		ug/kg dry	62.8	121	250	08/18/06 17:47	JLS	EPA 8260B	6H21019
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*101 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*107 %*									
Surrogate: Dibromofluoromethane (55-145%)		*101 %*									
Surrogate: Toluene-d8 (80-117%)		*103 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	**Acenaphthene**	**2250**		ug/kg dry	867	1960	10	08/24/06 22:36	LCS	EPA 8270C	6H22026
208-96-8	Acenaphthylene	114	U	ug/kg dry	114	196	1	08/24/06 22:36	LCS	EPA 8270C	6H22026
120-12-7	**Anthracene**	**11200**		ug/kg dry	624	1960	10	08/25/06 12:35	LCS	EPA 8270C	6H22026
56-55-3	Benzo (a) anthracene	21.2	U	ug/kg dry	21.2	196	1	08/24/06 22:36	LCS	EPA 8270C	6H22026
205-99-2	Benzo (b) fluoranthene	20.6	U	ug/kg dry	20.6	196	1	08/24/06 22:36	LCS	EPA 8270C	6H22026
207-08-9	Benzo (k) fluoranthene	20.6	U	ug/kg dry	20.6	196	1	08/24/06 22:36	LCS	EPA 8270C	6H22026
191-24-2	Benzo (g,h,i) perylene	20.3	U	ug/kg dry	20.3	196	1	08/24/06 22:36	LCS	EPA 8270C	6H22026
50-32-8	Benzo (a) pyrene	24.1	U	ug/kg dry	24.1	196	1	08/24/06 22:36	LCS	EPA 8270C	6H22026
90-12-0	**1-Methylnaphthalene**	**21500**		ug/kg dry	982	1960	10	08/25/06 12:35	LCS	EPA 8270C	6H22026
218-01-9	**Chrysene**	**464**	J	ug/kg dry	234	1960	10	08/24/06 22:36	LCS	EPA 8270C	6H22026
53-70-3	Dibenz (a,h) anthracene	25.7	U	ug/kg dry	25.7	196	1	08/24/06 22:36	LCS	EPA 8270C	6H22026
206-44-0	**Fluoranthene**	**706**	J	ug/kg dry	281	1960	10	08/24/06 22:36	LCS	EPA 8270C	6H22026
86-73-7	**Fluorene**	**2490**		ug/kg dry	76.5	196	1	08/24/06 22:36	LCS	EPA 8270C	6H22026
193-39-5	Indeno (1,2,3-cd) pyrene	25.3	U	ug/kg dry	25.3	196	1	08/24/06 22:36	LCS	EPA 8270C	6H22026
91-57-6	**2-Methylnaphthalene**	**25500**		ug/kg dry	834	1960	10	08/24/06 22:36	LCS	EPA 8270C	6H22026
91-20-3	**Naphthalene**	**4220**		ug/kg dry	785	1960	10	08/24/06 22:36	LCS	EPA 8270C	6H22026
85-01-8	**Phenanthrene**	**11100**		ug/kg dry	461	1960	10	08/25/06 12:35	LCS	EPA 8270C	6H22026
129-00-0	**Pyrene**	**1530**	J	ug/kg dry	397	1960	10	08/24/06 22:36	LCS	EPA 8270C	6H22026
Surrogate: 2-Fluorobiphenyl (24-121%)		*85 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*39 %*									

Client: EPG, INC.
PO BOX 1096
MT PLEASANT, SC 29465
Attn: JOHN MAHONEY

Work Order: OPH0362
Project: LAUREL BAY
Project Number: EP 2362

Sampled: 08/14/06-08/16/06
Received: 08/18/06

LABORATORY REPORT
Sample ID: 201 BALSAM-01 BOTTOM - Lab Number: OPH0362-09 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Polynuclear Aromatic Hydrocarbons by EPA Method 8270 - Cont.											
Surrogate: Terphenyl-d14 (44-171%)		*83 %*									

LABORATORY REPORT
Sample ID: 201 BALSAM-02 SIDE - Lab Number: OPH0362-10 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**91.6**		%.	0.100	0.100	1	08/18/06 17:19	AKA	EPA 160.3	6H21006
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	Benzene	0.161	U	ug/kg dry	0.161	0.440	1	08/18/06 15:55	JLS	EPA 8260B	6H21019
100-41-4	Ethylbenzene	0.186	U	ug/kg dry	0.186	0.440	1	08/18/06 15:55	JLS	EPA 8260B	6H21019
91-20-3	**Naphthalene**	**0.414**	I	ug/kg dry	0.243	0.440	1	08/18/06 15:55	JLS	EPA 8260B	6H21019
108-88-3	Toluene	0.380	U	ug/kg dry	0.380	0.440	1	08/18/06 15:55	JLS	EPA 8260B	6H21019
1330-20-7	Xylenes, total	0.229	U	ug/kg dry	0.229	0.440	1	08/18/06 15:55	JLS	EPA 8260B	6H21019
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*116 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*98 %*									
Surrogate: Dibromofluoromethane (55-145%)		*106 %*									
Surrogate: Toluene-d8 (80-117%)		*99 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	Acenaphthene	**80.8**	U	ug/kg dry	80.8	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
208-96-8	Acenaphthylene	107	U	ug/kg dry	107	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
120-12-7	Anthracene	58.1	U	ug/kg dry	58.1	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
56-55-3	**Benzo (a) anthracene**	**519**		ug/kg dry	19.7	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
205-99-2	**Benzo (b) fluoranthene**	**219**		ug/kg dry	19.2	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
207-08-9	**Benzo (k) fluoranthene**	**228**		ug/kg dry	19.2	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
191-24-2	**Benzo (g,h,i) perylene**	**833**		ug/kg dry	18.9	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
50-32-8	**Benzo (a) pyrene**	**923**		ug/kg dry	22.4	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
90-12-0	1-Methylnaphthalene	91.5	U	ug/kg dry	91.5	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
218-01-9	**Chrysene**	**577**		ug/kg dry	21.8	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
53-70-3	Dibenz (a,h) anthracene	23.9	U	ug/kg dry	23.9	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
206-44-0	Fluoranthene	26.2	U	ug/kg dry	26.2	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
86-73-7	Fluorene	71.4	U	ug/kg dry	71.4	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
193-39-5	**Indeno (1,2,3-cd) pyrene**	718		ug/kg dry	23.6	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
91-57-6	2-Methylnaphthalene	77.7	U	ug/kg dry	77.7	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
91-20-3	Naphthalene	73.2	U	ug/kg dry	73.2	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
85-01-8	Phenanthrene	43.0	U	ug/kg dry	43.0	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
129-00-0	Pyrene	37.0	U	ug/kg dry	37.0	182	1	08/24/06 23:04	LCS	EPA 8270C	6H22026
Surrogate: 2-Fluorobiphenyl (24-121%)		*94 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*79 %*									
Surrogate: Terphenyl-d14 (44-171%)		*78 %*									

TestAmerica
ANALYTICAL TESTING CORPORATION
4310 East Anderson Road Orlando, FL 32812 * 800-851-2560 * Fax 407-856-0886

Client: EPG, INC.
PO BOX 1096
MT PLEASANT, SC 29465
Attn: JOHN MAHONEY

Work Order: OPH0362
Project: LAUREL BAY
Project Number: EP 2362

Sampled: 08/14/06-08/16/06
Received: 08/18/06

LABORATORY REPORT
Sample ID: 1468 CARDINAL 01 BOTTOM - Lab Number: OPH0362-11 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**96.6**		%.	0.100	0.100	1	08/18/06 17:19	AKA	EPA 160.3	6H21006
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	Benzene	0.221	U	ug/kg dry	0.221	0.603	1	08/18/06 16:16	JLS	EPA 8260B	6H21019
100-41-4	**Ethylbenzene**	**0.458**	J	ug/kg dry	0.255	0.603	1	08/18/06 16:16	JLS	EPA 8260B	6H21019
91-20-3	**Naphthalene**	**2.23**		ug/kg dry	0.333	0.603	1	08/18/06 16:16	JLS	EPA 8260B	6H21019
108-88-3	**Toluene**	**2.64**		ug/kg dry	0.521	0.603	1	08/18/06 16:16	JLS	EPA 8260B	6H21019
1330-20-7	**Xylenes, total**	**4.25**		ug/kg dry	0.313	0.603	1	08/18/06 16:16	JLS	EPA 8260B	6H21019
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*116 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*101 %*									
Surrogate: Dibromofluoromethane (55-145%)		*106 %*									
Surrogate: Toluene-d8 (80-117%)		*102 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	Acenaphthene	76.6	U	ug/kg dry	76.6	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
208-96-8	Acenaphthylene	101	U	ug/kg dry	101	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
120-12-7	Anthracene	55.1	U	ug/kg dry	55.1	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
56-55-3	**Benzo (a) anthracene**	**547**		ug/kg dry	18.7	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
205-99-2	**Benzo (b) fluoranthene**	**283**		ug/kg dry	18.2	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
207-08-9	**Benzo (k) fluoranthene**	**295**		ug/kg dry	18.2	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
191-24-2	Benzo (g,h,i) perylene	17.9	U	ug/kg dry	17.9	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
50-32-8	**Benzo (a) pyrene**	**238**		ug/kg dry	21.3	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
90-12-0	1-Methylnaphthalene	86.8	U	ug/kg dry	86.8	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
218-01-9	**Chrysene**	**769**		ug/kg dry	20.7	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
53-70-3	Dibenz (a,h) anthracene	22.7	U	ug/kg dry	22.7	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
206-44-0	**Fluoranthene**	**1000**		ug/kg dry	24.9	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
86-73-7	Fluorene	67.7	U	ug/kg dry	67.7	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
193-39-5	Indeno (1,2,3-cd) pyrene	22.4	U	ug/kg dry	22.4	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
91-57-6	2-Methylnaphthalene	73.7	U	ug/kg dry	73.7	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
91-20-3	Naphthalene	69.4	U	ug/kg dry	69.4	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
85-01-8	**Phenanthrene**	**166**	J	ug/kg dry	40.8	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
129-00-0	**Pyrene**	**1310**		ug/kg dry	35.1	173	1	08/24/06 23:32	LCS	EPA 8270C	6H22026
Surrogate: 2-Fluorobiphenyl (24-121%)		*96 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*88 %*									
Surrogate: Terphenyl-d14 (44-171%)		*117 %*									

LABORATORY REPORT
Sample ID: 1468 CARDINAL 02 SIDE - Lab Number: OPH0362-12 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**72.2**		%.	0.100	0.100	1	08/18/06 17:19	AKA	EPA 160.3	6H21006
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	Benzene	0.256	U	ug/kg dry	0.256	0.698	1	08/18/06 16:37	JLS	EPA 8260B	6H21019
100-41-4	**Ethylbenzene**	**0.489**	J	ug/kg dry	0.295	0.698	1	08/18/06 16:37	JLS	EPA 8260B	6H21019

TestAmerica - Orlando, FL
Shali Brown
Project Manager

Client: EPG, INC.
PO BOX 1096
MT PLEASANT, SC 29465
Attn: JOHN MAHONEY

Work Order: OPH0362
Project: LAUREL BAY
Project Number: EP 2362

Sampled: 08/14/06-08/16/06
Received: 08/18/06

LABORATORY REPORT

Sample ID: 1468 CARDINAL 02 SIDE - Lab Number: OPH0362-12 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Volatile Organic Compounds by EPA Method 8260B - Cont.											
91-20-3	Naphthalene	0.386	U	ug/kg dry	0.386	0.698	1	08/18/06 16:37	JLS	EPA 8260B	6H21019
108-88-3	**Toluene**	**0.963**		ug/kg dry	0.603	0.698	1	08/18/06 16:37	JLS	EPA 8260B	6H21019
1330-20-7	**Xylenes, total**	**5.92**		ug/kg dry	0.363	0.698	1	08/18/06 16:37	JLS	EPA 8260B	6H21019
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*115 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*81 %*									
Surrogate: Dibromofluoromethane (55-145%)		*107 %*									
Surrogate: Toluene-d8 (80-117%)		*92 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	Acenaphthene	102	U	ug/kg dry	102	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
208-96-8	Acenaphthylene	135	U	ug/kg dry	135	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
120-12-7	Anthracene	73.8	U	ug/kg dry	73.8	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
56-55-3	Benzo (a) anthracene	25.0	U	ug/kg dry	25.0	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
205-99-2	Benzo (b) fluoranthene	24.3	U	ug/kg dry	24.3	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
207-08-9	Benzo (k) fluoranthene	24.3	U	ug/kg dry	24.3	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
191-24-2	Benzo (g,h,i) perylene	24.0	U	ug/kg dry	24.0	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
50-32-8	Benzo (a) pyrene	28.5	U	ug/kg dry	28.5	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
90-12-0	1-Methylnaphthalene	116	U	ug/kg dry	116	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
218-01-9	Chrysene	27.7	U	ug/kg dry	27.7	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
53-70-3	Dibenz (a,h) anthracene	30.4	U	ug/kg dry	30.4	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
206-44-0	Fluoranthene	33.3	U	ug/kg dry	33.3	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
86-73-7	Fluorene	90.5	U	ug/kg dry	90.5	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
193-39-5	Indeno (1,2,3-cd) pyrene	29.9	U	ug/kg dry	29.9	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
91-57-6	2-Methylnaphthalene	98.6	U	ug/kg dry	98.6	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
91-20-3	Naphthalene	92.9	U	ug/kg dry	92.9	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
85-01-8	Phenanthrene	54.6	U	ug/kg dry	54.6	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
129-00-0	Pyrene	47.0	U	ug/kg dry	47.0	231	1	08/25/06 00:00	LCS	EPA 8270C	6H22026
Surrogate: 2-Fluorobiphenyl (24-121%)		*97 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*86 %*									
Surrogate: Terphenyl-d14 (44-171%)		*127 %*									

LABORATORY REPORT

Sample ID: 1472 CARDINAL 01 BOTTOM - Lab Number: OPH0362-13 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**82.0**		%.	0.100	0.100	1	08/18/06 17:19	AKA	EPA 160.3	6H21006
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	Benzene	45.4	RL2,U	ug/kg dry	45.4	124	250	08/18/06 18:04	JLS	EPA 8260B	6H21019
100-41-4	**Ethylbenzene**	**586**		ug/kg dry	52.5	124	250	08/18/06 18:04	JLS	EPA 8260B	6H21019
91-20-3	**Naphthalene**	**5350**		ug/kg dry	68.6	124	250	08/18/06 18:04	JLS	EPA 8260B	6H21019
108-88-3	Toluene	107	U	ug/kg dry	107	124	250	08/18/06 18:04	JLS	EPA 8260B	6H21019
1330-20-7	**Xylenes, total**	**628**		ug/kg dry	64.5	124	250	08/18/06 18:04	JLS	EPA 8260B	6H21019
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*102 %*									

Client: EPG, INC.
PO BOX 1096
MT PLEASANT, SC 29465
Attn: JOHN MAHONEY

Work Order: OPH0362
Project: LAUREL BAY
Project Number: EP 2362

Sampled: 08/14/06-08/16/06
Received: 08/18/06

LABORATORY REPORT
Sample ID: 1472 CARDINAL 01 BOTTOM - Lab Number: OPH0362-13 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Volatile Organic Compounds by EPA Method 8260B - Cont.											
Surrogate: 4-Bromofluorobenzene (59-118%)		*107 %*									
Surrogate: Dibromofluoromethane (55-145%)		*101 %*									
Surrogate: Toluene-d8 (80-117%)		*103 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	**Acenaphthene**	**3930**		ug/kg dry	902	2040	10	08/25/06 00:28	LCS	EPA 8270C	6H22026
208-96-8	Acenaphthylene	119	U	ug/kg dry	119	204	1	08/25/06 00:28	LCS	EPA 8270C	6H22026
120-12-7	**Anthracene**	**15500**		ug/kg dry	649	2040	10	08/25/06 00:28	LCS	EPA 8270C	6H22026
56-55-3	**Benzo (a) anthracene**	**126**		ug/kg dry	22.0	204	1	08/25/06 00:28	LCS	EPA 8270C	6H22026
205-99-2	Benzo (b) fluoranthene	21.4	U	ug/kg dry	21.4	204	1	08/25/06 00:28	LCS	EPA 8270C	6H22026
207-08-9	Benzo (k) fluoranthene	21.4	U	ug/kg dry	21.4	204	1	08/25/06 00:28	LCS	EPA 8270C	6H22026
191-24-2	Benzo (g,h,i) perylene	21.1	U	ug/kg dry	21.1	204	1	08/25/06 00:28	LCS	EPA 8270C	6H22026
50-32-8	Benzo (a) pyrene	25.1	U	ug/kg dry	25.1	204	1	08/25/06 00:28	LCS	EPA 8270C	6H22026
90-12-0	1-Methylnaphthalene	102	U	ug/kg dry	102	204	1	08/25/06 00:28	LCS	EPA 8270C	6H22026
218-01-9	Chrysene	24.4	U	ug/kg dry	24.4	204	1	08/25/06 00:28	LCS	EPA 8270C	6H22026
53-70-3	Dibenz (a,h) anthracene	26.7	U	ug/kg dry	26.7	204	1	08/25/06 00:28	LCS	EPA 8270C	6H22026
206-44-0	Fluoranthene	29.3	U	ug/kg dry	29.3	204	1	08/25/06 00:28	LCS	EPA 8270C	6H22026
86-73-7	Fluorene	79.7	U	ug/kg dry	79.7	204	1	08/25/06 00:28	LCS	EPA 8270C	6H22026
193-39-5	Indeno (1,2,3-cd) pyrene	26.4	U	ug/kg dry	26.4	204	1	08/25/06 00:28	LCS	EPA 8270C	6H22026
91-57-6	**2-Methylnaphthalene**	**60400**		ug/kg dry	868	2040	10	08/25/06 13:31	LCS	EPA 8270C	6H22026
91-20-3	**Naphthalene**	**14600**		ug/kg dry	818	2040	10	08/25/06 13:31	LCS	EPA 8270C	6H22026
85-01-8	**Phenanthrene**	**15300**		ug/kg dry	480	2040	10	08/25/06 00:28	LCS	EPA 8270C	6H22026
129-00-0	Pyrene	41.4	U	ug/kg dry	41.4	204	1	08/25/06 00:28	LCS	EPA 8270C	6H22026
Surrogate: 2-Fluorobiphenyl (24-121%)		*32 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*	J1,U								
Surrogate: Terphenyl-d14 (44-171%)		*65 %*									

LABORATORY REPORT
Sample ID: 1472 CARDINAL 02 SIDE - Lab Number: OPH0362-14 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	**% Solids**	**80.1**		%.	0.100	0.100	1	08/18/06 17:19	AKA	EPA 160.3	6H21006
Volatile Organic Compounds by EPA Method 8260B											
71-43-2	Benzene	0.184	U	ug/kg dry	0.184	0.502	1	08/18/06 16:54	JLS	EPA 8260B	6H21019
100-41-4	**Ethylbenzene**	**0.462**		ug/kg dry	0.212	0.502	1	08/18/06 16:54	JLS	EPA 8260B	6H21019
91-20-3	Naphthalene	0.277	U	ug/kg dry	0.277	0.502	1	08/18/06 16:54	JLS	EPA 8260B	6H21019
108-88-3	**Toluene**	**0.452**		ug/kg dry	0.433	0.502	1	08/18/06 16:54	JLS	EPA 8260B	6H21019
1330-20-7	**Xylenes, total**	**1.21**		ug/kg dry	0.261	0.502	1	08/18/06 16:54	JLS	EPA 8260B	6H21019
Surrogate: 1,2-Dichloroethane-d4 (73-137%)		*114 %*									
Surrogate: 4-Bromofluorobenzene (59-118%)		*106 %*									
Surrogate: Dibromofluoromethane (55-145%)		*105 %*									
Surrogate: Toluene-d8 (80-117%)		*103 %*									
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											

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ANALYTICAL TESTING CORPORATION
4310 East Anderson Road Orlando, FL 32812 * 800-851-2560 * Fax 407-856-0886

Client: EPG, INC.
PO BOX 1096
MT PLEASANT, SC 29465
Attn: JOHN MAHONEY

Work Order: OPH0362
Project: LAUREL BAY
Project Number: EP 2362

Sampled: 08/14/06-08/16/06
Received 08/18/06

LABORATORY REPORT

Sample ID: 1472 CARDINAL 02 SIDE - Lab Number: OPH0362-14 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Polynuclear Aromatic Hydrocarbons by EPA Method 8270											
83-32-9	Acenaphthene	92.4	U	ug/kg dry	92.4	208	1	08/25/06 00:56	LCS	EPA 8270C	6H22026
208-96-8	Acenaphthylene	122	U	ug/kg dry	122	208	1	08/25/06 00:56	LCS	EPA 8270C	6H22026
120-12-7	Anthracene	66.5	U	ug/kg dry	66.5	208	1	08/25/06 00:56	LCS	EPA 8270C	6H22026
56-55-3	Benzo (a) anthracene	22.6	U	ug/kg dry	22.6	208	1	08/25/06 00:56	LCS	EPA 8270C	6H22026
205-99-2	Benzo (b) fluoranthene	21.9	U	ug/kg dry	21.9	208	1	08/25/06 00:56	LCS	EPA 8270C	6H22026
207-08-9	Benzo (k) fluoranthene	21.9	U	ug/kg dry	21.9	208	1	08/25/06 00:56	LCS	EPA 8270C	6H22026
191-24-2	Benzo (g,h,i) perylene	21.6	U	ug/kg dry	21.6	208	1	08/25/06 00:56	LCS	EPA 8270C	6H22026
50-32-8	Benzo (a) pyrene	25.7	U	ug/kg dry	25.7	208	1	08/25/06 00:56	LCS	EPA 8270C	6H22026
90-12-0	1-Methylnaphthalene	1050	U	ug/kg dry	1050	2080	10	08/25/06 00:56	LCS	EPA 8270C	6H22026
218-01-9	Chrysene	24.9	U	ug/kg dry	24.9	208	1	08/25/06 00:56	LCS	EPA 8270C	6H22026
53-70-3	Dibenz (a,h) anthracene	27.4	U	ug/kg dry	27.4	208	1	08/25/06 00:56	LCS	EPA 8270C	6H22026
206-44-0	Fluoranthene	30.0	U	ug/kg dry	30.0	208	1	08/25/06 00:56	LCS	EPA 8270C	6H22026
86-73-7	Fluorene	81.6	U	ug/kg dry	81.6	208	1	08/25/06 00:56	LCS	EPA 8270C	6H22026
193-39-5	Indeno (1,2,3-cd) pyrene	27.0	U	ug/kg dry	27.0	208	1	08/25/06 00:56	LCS	EPA 8270C	6H22026
91-57-6	2-Methylnaphthalene	889	U	ug/kg dry	889	2080	10	08/25/06 00:56	LCS	EPA 8270C	6H22026
91-20-3	Naphthalene	837	U	ug/kg dry	837	2080	10	08/25/06 00:56	LCS	EPA 8270C	6H22026
85-01-8	Phenanthrene	49.2	U	ug/kg dry	49.2	208	1	08/25/06 00:56	LCS	EPA 8270C	6H22026
129-00-0	Pyrene	42.4	U	ug/kg dry	42.4	208	1	08/25/06 00:56	LCS	EPA 8270C	6H22026
Surrogate: 2-Fluorobiphenyl (24-121%)		*27 %*									
Surrogate: Nitrobenzene-d5 (19-111%)		*46 %*									
Surrogate: Terphenyl-d14 (44-171%)		*16 %*	J1								

Client: EPG, INC.
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Attn: JOHN MAHONEY

Work Order: OPH0362
Project: LAUREL BAY
Project Number: EP 2362

Sampled: 08/14/06-08/16/06
Received: 08/18/06

SAMPLE EXTRACTION DATA

Parameter	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Method
Polynuclear Aromatic Hydrocarbons by EPA Method 8270	OPH0362-01	30.0 g	1.0 mL	08/22/2006	YGM	EPA 3545 MS
Polynuclear Aromatic Hydrocarbons by EPA Method 8270	OPH0362-02	30.0 g	1.0 mL	08/22/2006	YGM	EPA 3545 MS
Polynuclear Aromatic Hydrocarbons by EPA Method 8270	OPH0362-03	30.0 g	1.0 mL	08/22/2006	YGM	EPA 3545 MS
Polynuclear Aromatic Hydrocarbons by EPA Method 8270	OPH0362-04	30.0 g	1.0 mL	08/22/2006	YGM	EPA 3545 MS
Polynuclear Aromatic Hydrocarbons by EPA Method 8270	OPH0362-05	30.0 g	1.0 mL	08/22/2006	YGM	EPA 3545 MS
Polynuclear Aromatic Hydrocarbons by EPA Method 8270	OPH0362-06	30.0 g	1.0 mL	08/22/2006	YGM	EPA 3545 MS
Polynuclear Aromatic Hydrocarbons by EPA Method 8270	OPH0362-07	30.0 g	1.0 mL	08/22/2006	YGM	EPA 3545 MS
Polynuclear Aromatic Hydrocarbons by EPA Method 8270	OPH0362-08	30.0 g	1.0 mL	08/22/2006	YGM	EPA 3545 MS
Polynuclear Aromatic Hydrocarbons by EPA Method 8270	OPH0362-09	30.0 g	1.0 mL	08/22/2006	YGM	EPA 3545 MS
Polynuclear Aromatic Hydrocarbons by EPA Method 8270	OPH0362-10	30.0 g	1.0 mL	08/22/2006	YGM	EPA 3545 MS
Polynuclear Aromatic Hydrocarbons by EPA Method 8270	OPH0362-11	30.0 g	1.0 mL	08/22/2006	YGM	EPA 3545 MS
Polynuclear Aromatic Hydrocarbons by EPA Method 8270	OPH0362-12	30.0 g	1.0 mL	08/22/2006	YGM	EPA 3545 MS
Polynuclear Aromatic Hydrocarbons by EPA Method 8270	OPH0362-13	30.0 g	1.0 mL	08/22/2006	YGM	EPA 3545 MS
Polynuclear Aromatic Hydrocarbons by EPA Method 8270	OPH0362-14	30.0 g	1.0 mL	08/22/2006	YGM	EPA 3545 MS

TestAmerica
ANALYTICAL TESTING CORPORATION
4310 East Anderson Road Orlando, FL 32812 * 800-851-2560 * Fax 407-856-0886

Client: EPG, INC.
PO BOX 1096
MT PLEASANT, SC 29465
Attn: JOHN MAHONEY

Work Order: OPH0362
Project: LAUREL BAY
Project Number: EP 2362

Sampled: 08/14/06-08/16/06
Received: 08/18/06

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
General Chemistry Parameters					
% Solids	0.100	U	%.	6H21005	6H21005-BLK1
% Solids	0.100	U	%.	6H21006	6H21006-BLK1
Volatile Organic Compounds by EPA Method 8260B					
Benzene	0.183	U	ug/kg wet	6H21019	6H21019-BLK2
Benzene	0.183	U	ug/kg wet	6H21019	6H21019-BLK1
Ethylbenzene	0.212	U	ug/kg wet	6H21019	6H21019-BLK2
Ethylbenzene	0.212	U	ug/kg wet	6H21019	6H21019-BLK1
Naphthalene	0.276	U	ug/kg wet	6H21019	6H21019-BLK1
Naphthalene	0.276	U	ug/kg wet	6H21019	6H21019-BLK2
Toluene	0.432	U	ug/kg wet	6H21019	6H21019-BLK1
Toluene	0.432	U	ug/kg wet	6H21019	6H21019-BLK2
Xylenes, total	0.260	U	ug/kg wet	6H21019	6H21019-BLK1
Xylenes, total	0.260	U	ug/kg wet	6H21019	6H21019-BLK2
Surrogate: 1,2-Dichloroethane-d4	48.6		ug/kg wet	6H21019	6H21019-BLK1
Surrogate: 1,2-Dichloroethane-d4	50.1		ug/kg wet	6H21019	6H21019-BLK2
Surrogate: 4-Bromofluorobenzene	50.6		ug/kg wet	6H21019	6H21019-BLK2
Surrogate: 4-Bromofluorobenzene	50.0		ug/kg wet	6H21019	6H21019-BLK1
Surrogate: Dibromofluoromethane	50.9		ug/kg wet	6H21019	6H21019-BLK1
Surrogate: Dibromofluoromethane	51.0		ug/kg wet	6H21019	6H21019-BLK2
Surrogate: Toluene-d8	51.0		ug/kg wet	6H21019	6H21019-BLK2
Surrogate: Toluene-d8	51.2		ug/kg wet	6H21019	6H21019-BLK1
Polynuclear Aromatic Hydrocarbons by EPA Method 8270					
Acenaphthene	74.0	U	ug/kg wet	6H22026	6H22026-BLK1
Acenaphthylene	97.7	U	ug/kg wet	6H22026	6H22026-BLK1
Anthracene	53.2	U	ug/kg wet	6H22026	6H22026-BLK1
Benzo (a) anthracene	18.1	U	ug/kg wet	6H22026	6H22026-BLK1
Benzo (b) fluoranthene	17.6	U	ug/kg wet	6H22026	6H22026-BLK1
Benzo (k) fluoranthene	17.6	U	ug/kg wet	6H22026	6H22026-BLK1
Benzo (g,h,i) perylene	17.3	U	ug/kg wet	6H22026	6H22026-BLK1
Benzo (a) pyrene	20.6	U	ug/kg wet	6H22026	6H22026-BLK1
1-Methylnaphthalene	83.8	U	ug/kg wet	6H22026	6H22026-BLK1
Chrysene	20.0	U	ug/kg wet	6H22026	6H22026-BLK1
Dibenz(a,h) anthracene	21.9	U	ug/kg wet	6H22026	6H22026-BLK1
Fluoranthene	24.0	U	ug/kg wet	6H22026	6H22026-BLK1
Fluorene	65.4	U	ug/kg wet	6H22026	6H22026-BLK1
Indeno (1,2,3-cd) pyrene	21.6	U	ug/kg wet	6H22026	6H22026-BLK1
2-Methylnaphthalene	71.2	U	ug/kg wet	6H22026	6H22026-BLK1
Naphthalene	67.1	U	ug/kg wet	6H22026	6H22026-BLK1
Phenanthrene	39.4	U	ug/kg wet	6H22026	6H22026-BLK1
Pyrene	33.9	U	ug/kg wet	6H22026	6H22026-BLK1
Surrogate: 2-Fluorobiphenyl	2870		ug/kg wet	6H22026	6H22026-BLK1

TestAmerica - Orlando, FL
Shali Brown
Project Manager

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Project Number: EP 2362

Sampled: 08/14/06-08/16/06
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PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
Polynuclear Aromatic Hydrocarbons by EPA Method 8270					
Surrogate: Nitrobenzene-d5	2500		ug/kg wet	6H22026	6H22026-BLK1
Surrogate: Terphenyl-d14	3990		ug/kg wet	6H22026	6H22026-BLK1

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
General Chemistry Parameters								
% Solids	93.8	94.0		%.	0.2	15.9	6H21006	OPH0362-07
% Solids	90.1	90.4		%.	0.3	15.9	6H21005	OPH0361-01
Volatile Organic Compounds by EPA Method 8260B								
Benzene	<0.320	0.320	U	ug/kg dry		30	6H21019	OPH0363-02
Ethylbenzene	<0.370	0.370	U	ug/kg dry		30	6H21019	OPH0363-02
Naphthalene	<0.483	0.483	U	ug/kg dry		30	6H21019	OPH0363-02
Toluene	<0.755	0.755	U	ug/kg dry		30	6H21019	OPH0363-02
Xylenes, total	<0.454	0.454	U	ug/kg dry		30	6H21019	OPH0363-02
Surrogate: 1,2-Dichloroethane-d4		58.3		ug/kg dry			6H21019	OPH0363-02
Surrogate: 4-Bromofluorobenzene		50.6		ug/kg dry			6H21019	OPH0363-02
Surrogate: Dibromofluoromethane		52.6		ug/kg dry			6H21019	OPH0363-02
Surrogate: Toluene-d8		51.1		ug/kg dry			6H21019	OPH0363-02

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PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
General Chemistry Parameters							
% Solids	380	382		%.	101	90 - 110	6H21006
% Solids	380	382		%.	101	90 - 110	6H21005
Volatile Organic Compounds by EPA Method 8260B							
Benzene	50.0	48.4		ug/kg wet	97	84 - 113	6H21019
Benzene	50.0	47.0		ug/kg wet	94	84 - 113	6H21019
Ethylbenzene	50.0	47.2		ug/kg wet	94	85 - 124	6H21019
Ethylbenzene	50.0	45.0		ug/kg wet	90	85 - 124	6H21019
Naphthalene	50.0	55.1		ug/kg wet	110	90 - 137	6H21019
Naphthalene	50.0	53.8		ug/kg wet	108	90 - 137	6H21019
Toluene	50.0	48.8		ug/kg wet	98	82 - 112	6H21019
Toluene	50.0	49.0		ug/kg wet	98	82 - 112	6H21019
Xylenes, total	150	137		ug/kg wet	91	84 - 127	6H21019
Xylenes, total	150	144		ug/kg wet	96	84 - 127	6H21019
Surrogate: 1,2-Dichloroethane-d4	50.0	51.7		ug/kg wet	103	73 - 137	6H21019
Surrogate: 1,2-Dichloroethane-d4	50.0	50.2		ug/kg wet	100	73 - 137	6H21019
Surrogate: 4-Bromofluorobenzene	50.0	50.7		ug/kg wet	101	59 - 118	6H21019
Surrogate: 4-Bromofluorobenzene	50.0	51.2		ug/kg wet	102	59 - 118	6H21019
Surrogate: Dibromofluoromethane	50.0	51.1		ug/kg wet	102	55 - 145	6H21019
Surrogate: Dibromofluoromethane	50.0	51.4		ug/kg wet	103	55 - 145	6H21019
Surrogate: Toluene-d8	50.0	52.0		ug/kg wet	104	80 - 117	6H21019
Surrogate: Toluene-d8	50.0	51.3		ug/kg wet	103	80 - 117	6H21019
Polynuclear Aromatic Hydrocarbons by EPA Method 8270							
Acenaphthene	3330	2880		ug/kg wet	86	51 - 124	6H22026
Acenaphthylene	3330	3430		ug/kg wet	103	58 - 124	6H22026
Anthracene	3330	3190		ug/kg wet	96	61 - 122	6H22026
Benzo (a) anthracene	3330	2940		ug/kg wet	88	51 - 139	6H22026
Benzo (b) fluoranthene	3330	2610		ug/kg wet	78	57 - 129	6H22026
Benzo (k) fluoranthene	3330	2860		ug/kg wet	86	53 - 127	6H22026
Benzo (g,h,i) perylene	3330	3560		ug/kg wet	107	34 - 123	6H22026
Benzo (a) pyrene	3330	2840		ug/kg wet	85	65 - 109	6H22026
1-Methylnaphthalene	3330	2700		ug/kg wet	81	18 - 115	6H22026
Chrysene	3330	2960		ug/kg wet	89	55 - 130	6H22026
Dibenz (a,h) anthracene	3330	3630		ug/kg wet	109	48 - 125	6H22026
Fluoranthene	3330	2810		ug/kg wet	84	58 - 129	6H22026
Fluorene	3330	3360		ug/kg wet	101	61 - 128	6H22026
Indeno (1,2,3-cd) pyrene	3330	3740		ug/kg wet	112	44 - 126	6H22026
2-Methylnaphthalene	3330	2940		ug/kg wet	88	20 - 125	6H22026
Naphthalene	3330	2690		ug/kg wet	81	23 - 118	6H22026
Phenanthrene	3330	3140		ug/kg wet	94	61 - 120	6H22026

TestAmerica - Orlando, FL
Shali Brown
Project Manager

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Project Number: EP 2362

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PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
Polynuclear Aromatic Hydrocarbons by EPA Method 8270							
Pyrene	3330	3550		ug/kg wet	107	45 - 141	6H22026
Surrogate: 2-Fluorobiphenyl	3330	3450		ug/kg wet	104	24 - 121	6H22026
Surrogate: Nitrobenzene-d5	3330	2870		ug/kg wet	86	19 - 111	6H22026
Surrogate: Terphenyl-d14	3330	3760		ug/kg wet	113	44 - 171	6H22026

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PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked
Volatile Organic Compounds by EPA Method 8260B									
Benzene	<0.183	15.0		ug/kg dry	50.0	30	18 - 126	6H21019	OPH0363-01
Benzene	<0.183	46.0		ug/kg dry	50.0	92	18 - 126	6H21019	OPH0354-01
Ethylbenzene	<0.212	8.45		ug/kg dry	50.0	17	12 - 120	6H21019	OPH0363-01
Ethylbenzene	<0.212	44.7		ug/kg dry	50.0	89	12 - 120	6H21019	OPH0354-01
Naphthalene	<0.276	6.17		ug/kg dry	50.0	12	10 - 125	6H21019	OPH0363-01
Naphthalene	<0.276	37.8		ug/kg dry	50.0	76	10 - 125	6H21019	OPH0354-01
Toluene	<0.432	12.3		ug/kg dry	50.0	25	10 - 130	6H21019	OPH0363-01
Toluene	0.257	46.7		ug/kg dry	50.0	93	10 - 130	6H21019	OPH0354-01
Xylenes, total	<0.260	24.4		ug/kg dry	150	16	10 - 126	6H21019	OPH0363-01
Xylenes, total	<0.260	134		ug/kg dry	150	89	10 - 126	6H21019	OPH0354-01
Surrogate: 1,2-Dichloroethane-d4		51.0		ug/kg dry	50.0	102	73 - 137	6H21019	OPH0354-01
Surrogate: 1,2-Dichloroethane-d4		62.5		ug/kg dry	50.0	125	73 - 137	6H21019	OPH0363-01
Surrogate: 4-Bromofluorobenzene		49.3		ug/kg dry	50.0	99	59 - 118	6H21019	OPH0354-01
Surrogate: 4-Bromofluorobenzene		51.2		ug/kg dry	50.0	102	59 - 118	6H21019	OPH0363-01
Surrogate: Dibromofluoromethane		51.4		ug/kg dry	50.0	103	55 - 145	6H21019	OPH0354-01
Surrogate: Dibromofluoromethane		54.2		ug/kg dry	50.0	108	55 - 145	6H21019	OPH0363-01
Surrogate: Toluene-d8		52.0		ug/kg dry	50.0	104	80 - 117	6H21019	OPH0363-01
Surrogate: Toluene-d8		51.2		ug/kg dry	50.0	102	80 - 117	6H21019	OPH0354-01
Polynuclear Aromatic Hydrocarbons by EPA Method 8270									
Acenaphthene	<76.6	2170		ug/kg dry	3450	63	40 - 125	6H22026	OPH0362-11
Acenaphthylene	<101	2440		ug/kg dry	3450	71	44 - 125	6H22026	OPH0362-11
Anthracene	<55.1	2340		ug/kg dry	3450	68	53 - 121	6H22026	OPH0362-11
Benzo (a) anthracene	547	2400		ug/kg dry	3450	54	46 - 135	6H22026	OPH0362-11
Benzo (b) fluoranthene	283	2060		ug/kg dry	3450	52	44 - 136	6H22026	OPH0362-11
Benzo (k) fluoranthene	295	2050		ug/kg dry	3450	51	43 - 131	6H22026	OPH0362-11
Benzo (g,h,i) perylene	<17.9	2810		ug/kg dry	3450	81	34 - 123	6H22026	OPH0362-11
Benzo (a) pyrene	238	2120		ug/kg dry	3450	55	51 - 115	6H22026	OPH0362-11
1-Methylnaphthalene	<86.8	2040		ug/kg dry	3450	59	11 - 112	6H22026	OPH0362-11
Chrysene	769	2440		ug/kg dry	3450	48	48 - 126	6H22026	OPH0362-11
Dibenz (a,h) anthracene	<22.7	2740		ug/kg dry	3450	79	38 - 119	6H22026	OPH0362-11
Fluoranthene	1000	2540		ug/kg dry	3450	45	33 - 138	6H22026	OPH0362-11
Fluorene	<67.7	2340		ug/kg dry	3450	68	48 - 128	6H22026	OPH0362-11
Indeno (1,2,3-cd) pyrene	<22.4	2900		ug/kg dry	3450	84	37 - 117	6H22026	OPH0362-11
2-Methylnaphthalene	<73.7	2220		ug/kg dry	3450	64	11 - 122	6H22026	OPH0362-11
Naphthalene	<69.4	2040		ug/kg dry	3450	59	15 - 116	6H22026	OPH0362-11
Phenanthrene	166	2380		ug/kg dry	3450	64	52 - 123	6H22026	OPH0362-11
Pyrene	1310	3150		ug/kg dry	3450	53	31 - 155	6H22026	OPH0362-11
Surrogate: 2-Fluorobiphenyl		2630		ug/kg dry	3450	76	24 - 121	6H22026	OPH0362-11
Surrogate: Nitrobenzene-d5		2120		ug/kg dry	3450	61	19 - 111	6H22026	OPH0362-11

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PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked
Polynuclear Aromatic Hydrocarbons by EPA Method 8270									
Surrogate: Terphenyl-d14		2960		ug/kg dry	3450	86	44 - 171	6H22026	OPH0362-11

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
Volatile Organic Compounds by EPA Method 8260B										
Benzene	<0.183	35.4		ug/kg dry	50.0	71	26	30	6H21019	OPH0354-01
Ethylbenzene	<0.212	33.7		ug/kg dry	50.0	67	28	30	6H21019	OPH0354-01
Naphthalene	<0.276	29.5		ug/kg dry	50.0	59	25	30	6H21019	OPH0354-01
Toluene	0.279	36.0		ug/kg dry	50.0	71	26	30	6H21019	OPH0354-01
Xylenes, total	<0.260	103		ug/kg dry	150	69	26	30	6H21019	OPH0354-01
Surrogate: 1,2-Dichloroethane-d4		50.7		ug/kg dry	50.0	101			6H21019	OPH0354-01
Surrogate: 4-Bromofluorobenzene		49.5		ug/kg dry	50.0	99			6H21019	OPH0354-01
Surrogate: Dibromofluoromethane		50.8		ug/kg dry	50.0	102			6H21019	OPH0354-01
Surrogate: Toluene-d8		50.8		ug/kg dry	50.0	102			6H21019	OPH0354-01
Polynuclear Aromatic Hydrocarbons by EPA Method 8270										
Acenaphthene	<76.6	2830		ug/kg dry	3450	82	26	60	6H22026	OPH0362-11
Acenaphthylene	<101	3270		ug/kg dry	3450	95	29	51	6H22026	OPH0362-11
Anthracene	<55.1	3100		ug/kg dry	3450	90	28	60	6H22026	OPH0362-11
Benzo (a) anthracene	547	3160		ug/kg dry	3450	76	27	46	6H22026	OPH0362-11
Benzo (b) fluoranthene	283	2690		ug/kg dry	3450	70	27	60	6H22026	OPH0362-11
Benzo (k) fluoranthene	295	2660		ug/kg dry	3450	69	26	60	6H22026	OPH0362-11
Benzo (g,h,i) perylene	<17.9	3780		ug/kg dry	3450	110	29	38	6H22026	OPH0362-11
Benzo (a) pyrene	238	2740		ug/kg dry	3450	73	26	48	6H22026	OPH0362-11
1-Methylnaphthalene	<86.8	2580		ug/kg dry	3450	75	23	60	6H22026	OPH0362-11
Chrysene	769	3230		ug/kg dry	3450	71	28	36	6H22026	OPH0362-11
Dibenz (a,h) anthracene	<22.7	3700		ug/kg dry	3450	107	30	60	6H22026	OPH0362-11
Fluoranthene	1000	3370		ug/kg dry	3450	69	28	63	6H22026	OPH0362-11
Fluorene	<67.7	3260		ug/kg dry	3450	94	33	49	6H22026	OPH0362-11
Indeno (1,2,3-cd) pyrene	<22.4	3840		ug/kg dry	3450	111	28	60	6H22026	OPH0362-11
2-Methylnaphthalene	<73.7	2810		ug/kg dry	3450	81	23	71	6H22026	OPH0362-11
Naphthalene	<69.4	2570		ug/kg dry	3450	74	23	81	6H22026	OPH0362-11
Phenanthrene	166	3250		ug/kg dry	3450	89	31	60	6H22026	OPH0362-11
Pyrene	1310	4130		ug/kg dry	3450	82	27	90	6H22026	OPH0362-11
Surrogate: 2-Fluorobiphenyl		3300		ug/kg dry	3450	96			6H22026	OPH0362-11
Surrogate: Nitrobenzene-d5		2570		ug/kg dry	3450	74			6H22026	OPH0362-11
Surrogate: Terphenyl-d14		3710		ug/kg dry	3450	108			6H22026	OPH0362-11

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CERTIFICATION SUMMARY

TestAmerica - Orlando, FL

Method	Matrix	Nelac	South Carolina
EPA 160.3	Solid/Soil		
EPA 8260B	Solid/Soil	X	X
EPA 8270C	Solid/Soil	X	X

DATA QUALIFIERS AND DEFINITIONS

I	Analyte detected at a level less than the reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations in this range are estimated.
J1	Surrogate recovery limits have been exceeded.
RL2	Reporting limit raised due to high concentrations of hydrocarbons.
U	The compound was analyzed for but not detected

ADDITIONAL COMMENTS

When insufficient sample volume is received for Matrix Spike and Matrix Spike Duplicate, Laboratory Control Spike and Laboratory Control Spike Duplicate data is used for batch QC.

Results are reported on a wet weight basis unless otherwise noted.

TestAmerica - Orlando, FL
Shali Brown
Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

4310 East Anderson Road * Orlando, FL 32812 * 407-851-2560 * Fax: 407-856-0886 * 800-851-

Client: EPG, INC. Project: OPH0362

Shipped By: Fed Ex Tracking Number: 858282354468

Cooler Received On: 08/18/06 09:20 And Opened On (Date/time): 8/18 1020

Received By: Jessica Batura Logged in by: Jessica Batura

Were custody seals on the outside of cooler? **YES** ___ **NO** √ If Yes # ___ Location ___

Were custody seals intact? **YES** ___ **NO** ___ **N/A** √ (no seals present)

Chain of Custody Complete? **YES** √ **NO** ___ If No Discrepancy ___

Cooler Temparture When Opened: 5.00 Degrees Celsius

Temparture Blank Included: **YES** ___ **NO** √

Packing Material: Bubblewrap √ NONE ___ Other: ___

Received on Ice: **YES** √ **NO** ___ Other: ___ Total # Of Containers: 20 # Vials 42

Any Bottles Broken? **YES** ___ **NO** √ If Yes Which One(s)? ___

Any Missing Samples? **YES** ___ **NO** √ If Yes Which One(s)? ___

pH Levels: H2SO4 <=2? ___ HNO3 <=2? ___ HCL <=2? ___ NaOH >=10? ___

Of Containers Unpreserved between 6 and 8? 4 8, 14 methanol

Any Air Bubbles in VOA Vials? **YES** ___ **NO** √ **N/A** ___ (no VOA vials received)

Was there enough sample shipped in each container? **YES** √ **NO** ___

Correct Preservatives Used? **YES** √ **NO** ___ If No, please explain: ___

Project Manager: Shali Brown

Corrective Actions Taken 1468 cardinal @ side - 1 jar had no sample date or time.
1473 cardinal @ bottom - 1 jar had no sample time.

D9H0362 page 1 of 2

TestAmerica
INCORPORATED

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

Client Name: EPG Client #: 2411
Address:
City/State/Zip Code:
Project Manager: John Mahoney
Telephone Number: Fax
Sampler Name: (Print Name) Al Mancuy
Sampler Signature:

Project Name: LAUREL BAY
Project #: EP 2362
Site/Location ID: State:
Report To:
Invoice To:
Quote #: PO#:

8260 / 8270

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

QC Deliverables
___ None
X Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: BTEX + Naph	PAH - 8270	REMARKS	
441-01 Bottom	8-14	1015														01
441-02 side	8-14	1015														02
143LBB-01 Bottom	8-14	1400														03
143LBB-02 side	8-14	1400														04
143LBB-03 Bottom	8-14	1430														05
143LBB-04 side	8-14	1430														06
270 Birch-01 Bottom	8-15	8:45														07
270 Birch-02 side	8-15	8:50														08
201 Balsam-01 Bottom	8-15	1340														09
201 Balsam-02 side	8-15	1345														10

Special Instructions: Report in dry weight

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 5.0

	Date	Time		Date	Time
Relinquished By: A. Mancuy	8/17	17:15	Received By:	8/17/96	17:15
Relinquished By:	8/17	1730	Received By:	8/18	9:20
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
8582 8235 4498
Method of Shipment: Fed Ex to TA - Oakdale

OPH0562 Page 2 of 2

TestAmerica INCORPORATED

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

Client Name: EPG   Client #: 2411
Address:
City/State/Zip Code:
Project Manager: J Mahoney
Telephone Number: Fax:
Sampler Name: (Print Name)
Sampler Signature: [signature]

Project Name: Laurel Bay
Project #: EP2362
Site/Location ID: State:
Report To:
Invoice To:
Quote #:   PO#:

TAT
X Standard
__ Rush (surcharges may apply)
Date Needed:
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix (SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other)	HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	BTEX+Naph	PAH-8270									REMARKS	
1468 Cardinal 01 Bottom	8-16	9:25											1	1										01
1468 Cardinal 02 side	8-16	9:25											1	1										02
1472 Cardinal 01 Bottom	8-16	1330											1	1										03
1472 Cardinal 02 side	8-16	1400											1	1										04

QC Deliverables
__ None
X Level 2 *(Batch QC)*
__ Level 3
__ Level 4
Other: ______

Special Instructions:

Relinquished By	Date	Time	Received By	Date	Time
[signature]	8/17	1215	[signature]	8/17	1215
[signature]	8/17	1730	[signature]	8/18	9:30

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 5.0
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

Appendix C
Laboratory Analytical Report - Initial Groundwater

CDM - AECOM
Multimedia Joint Venture

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: LAUREL BAY 7/30/08
Pace Project No.: 9224584

Sample: 1483 CARDINAL A **Lab ID: 9224584009** Collected: 07/30/08 15:45 Received: 08/01/08 07:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM SPE	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3535							
Benzo(g,h,i)perylene	ND	ug/L	0.20	1	08/05/08 00:00	08/13/08 14:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.20	1	08/05/08 00:00	08/13/08 14:11	207-08-9	
Chrysene	ND	ug/L	0.10	1	08/05/08 00:00	08/13/08 14:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.20	1	08/05/08 00:00	08/13/08 14:11	53-70-3	
Fluoranthene	ND	ug/L	0.30	1	08/05/08 00:00	08/13/08 14:11	206-44-0	
Fluorene	ND	ug/L	0.31	1	08/05/08 00:00	08/13/08 14:11	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.20	1	08/05/08 00:00	08/13/08 14:11	193-39-5	
1-Methylnaphthalene	ND	ug/L	2.0	1	08/05/08 00:00	08/13/08 14:11	90-12-0	
2-Methylnaphthalene	ND	ug/L	2.0	1	08/05/08 00:00	08/13/08 14:11	91-57-6	
Naphthalene	ND	ug/L	1.5	1	08/05/08 00:00	08/13/08 14:11	91-20-3	
Phenanthrene	ND	ug/L	0.20	1	08/05/08 00:00	08/13/08 14:11	85-01-8	
Pyrene	ND	ug/L	0.10	1	08/05/08 00:00	08/13/08 14:11	129-00-0	
Nitrobenzene-d5 (S)	58	%	50-150	1	08/05/08 00:00	08/13/08 14:11	4165-60-0	
2-Fluorobiphenyl (S)	56	%	50-150	1	08/05/08 00:00	08/13/08 14:11	321-60-8	
Terphenyl-d14 (S)	65	%	50-150	1	08/05/08 00:00	08/13/08 14:11	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		08/06/08 18:02	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		08/06/08 18:02	100-41-4	
Naphthalene	ND	ug/L	2.0	1		08/06/08 18:02	91-20-3	
Toluene	ND	ug/L	1.0	1		08/06/08 18:02	108-88-3	
m&p-Xylene	ND	ug/L	2.0	1		08/06/08 18:02	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		08/06/08 18:02	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109	1		08/06/08 18:02	460-00-4	
Dibromofluoromethane (S)	94	%	85-115	1		08/06/08 18:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	79-120	1		08/06/08 18:02	17060-07-0	
Toluene-d8 (S)	101	%	70-120	1		08/06/08 18:02	2037-26-5	

Sample: 1472 CARDINAL A **Lab ID: 9224584010** Collected: 07/30/08 16:00 Received: 08/01/08 07:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM SPE	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3535							
Acenaphthene	ND	ug/L	40.0	20	08/05/08 00:00	08/13/08 18:17	83-32-9	
Acenaphthylene	ND	ug/L	30.0	20	08/05/08 00:00	08/13/08 18:17	208-96-8	
Anthracene	**40.5**	ug/L	1.0	20	08/05/08 00:00	08/13/08 18:17	120-12-7	
Benzo(a)anthracene	ND	ug/L	2.0	20	08/05/08 00:00	08/13/08 18:17	56-55-3	
Benzo(a)pyrene	ND	ug/L	4.0	20	08/05/08 00:00	08/13/08 18:17	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	6.0	20	08/05/08 00:00	08/13/08 18:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	4.0	20	08/05/08 00:00	08/13/08 18:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	4.0	20	08/05/08 00:00	08/13/08 18:17	207-08-9	
Chrysene	**3.4**	ug/L	2.0	20	08/05/08 00:00	08/13/08 18:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	4.0	20	08/05/08 00:00	08/13/08 18:17	53-70-3	
Fluoranthene	**16.0**	ug/L	6.0	20	08/05/08 00:00	08/13/08 18:17	206-44-0	
Fluorene	**260**	ug/L	6.2	20	08/05/08 00:00	08/13/08 18:17	86-73-7	

Pace Analytical
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Pace Analytical Services, Inc.
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: LAUREL BAY 7/30/08
Pace Project No.: 9224584

Sample: 1472 CARDINAL A **Lab ID: 9224584010** Collected: 07/30/08 16:00 Received: 08/01/08 07:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM SPE	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3535							
Indeno(1,2,3-cd)pyrene	ND	ug/L	4.0	20	08/05/08 00:00	08/13/08 18:17	193-39-5	
1-Methylnaphthalene	**1810**	ug/L	200	100	08/05/08 00:00	08/13/08 18:38	90-12-0	
2-Methylnaphthalene	**2790**	ug/L	200	100	08/05/08 00:00	08/13/08 18:38	91-57-6	
Naphthalene	**821**	ug/L	30.0	20	08/05/08 00:00	08/13/08 18:17	91-20-3	D3
Phenanthrene	**534**	ug/L	4.0	20	08/05/08 00:00	08/13/08 18:17	85-01-8	
Pyrene	**32.7**	ug/L	2.0	20	08/05/08 00:00	08/13/08 18:17	129-00-0	
Nitrobenzene-d5 (S)	73	%	50-150	20	08/05/08 00:00	08/13/08 18:17	4165-60-0	
2-Fluorobiphenyl (S)	62	%	50-150	20	08/05/08 00:00	08/13/08 18:17	321-60-8	
Terphenyl-d14 (S)	90	%	50-150	20	08/05/08 00:00	08/13/08 18:17	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260							
Benzene	**10.4**	ug/L	1.0	1		08/06/08 18:26	71-43-2	
Ethylbenzene	**114**	ug/L	1.0	1		08/06/08 18:26	100-41-4	
Naphthalene	**1030**	ug/L	10.0	10		08/07/08 22:35	91-20-3	
Toluene	**3.7**	ug/L	1.0	1		08/06/08 18:26	108-88-3	
m&p-Xylene	**106**	ug/L	2.0	1		08/06/08 18:26	1330-20-7	
o-Xylene	**98.9**	ug/L	1.0	1		08/06/08 18:26	95-47-6	
4-Bromofluorobenzene (S)	103	%	87-109	1		08/06/08 18:26	460-00-4	
Dibromofluoromethane (S)	94	%	85-115	1		08/06/08 18:26	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	79-120	1		08/06/08 18:26	17060-07-0	
Toluene-d8 (S)	103	%	70-120	1		08/06/08 18:26	2037-26-5	

Sample: 1468 CARDINAL A **Lab ID: 9224584011** Collected: 07/30/08 16:50 Received: 08/01/08 07:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM SPE	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3535							
Acenaphthene	ND	ug/L	2.0	1	08/05/08 00:00	08/13/08 15:43	83-32-9	
Acenaphthylene	ND	ug/L	1.5	1	08/05/08 00:00	08/13/08 15:43	208-96-8	
Anthracene	**0.058**	ug/L	0.050	1	08/05/08 00:00	08/13/08 15:43	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	08/05/08 00:00	08/13/08 15:43	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.20	1	08/05/08 00:00	08/13/08 15:43	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.30	1	08/05/08 00:00	08/13/08 15:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.20	1	08/05/08 00:00	08/13/08 15:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.20	1	08/05/08 00:00	08/13/08 15:43	207-08-9	
Chrysene	ND	ug/L	0.10	1	08/05/08 00:00	08/13/08 15:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.20	1	08/05/08 00:00	08/13/08 15:43	53-70-3	
Fluoranthene	ND	ug/L	0.30	1	08/05/08 00:00	08/13/08 15:43	206-44-0	
Fluorene	ND	ug/L	0.31	1	08/05/08 00:00	08/13/08 15:43	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.20	1	08/05/08 00:00	08/13/08 15:43	193-39-5	
1-Methylnaphthalene	ND	ug/L	2.0	1	08/05/08 00:00	08/13/08 15:43	90-12-0	
2-Methylnaphthalene	ND	ug/L	2.0	1	08/05/08 00:00	08/13/08 15:43	91-57-6	
Naphthalene	ND	ug/L	1.5	1	08/05/08 00:00	08/13/08 15:43	91-20-3	
Phenanthrene	**0.65**	ug/L	0.20	1	08/05/08 00:00	08/13/08 15:43	85-01-8	
Pyrene	ND	ug/L	0.10	1	08/05/08 00:00	08/13/08 15:43	129-00-0	

Appendix D
Analytical Data – Permanent Well Groundwater

CDM - AECOM
Multimedia Joint Venture

TABLE 4-1

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER
REPORT OF FINDINGS - LAUREL BAY MILITARY HOUSING
MCAS BEAUFORT, SOUTH CAROLINA

		1472 Cardinal lane		
LOCATION	South Carolina	LBMW130	LBMW131	LBMW132
SAMPLE ID	State Screening	BEA-LB1472GW1300310	BEA-LB1472GW1310310	BEA-LB1472GW1320310
SAMPLE DATE	Values[1]	20100304	20100304	20100304
PAHS (UG/L)				
1-METHYLNAPHTHALENE	10	**120**	1.05 U	1 U
2-METHYLNAPHTHALENE	10	**136**	1.05 U	1 U
ACENAPHTHENE	NC	4.02	1.05 U	1 U
ACENAPHTHYLENE	NC	4 U	1.05 U	1 U
ANTHRACENE	NC	4 U	1.05 U	1 U
BENZO(A)ANTHRACENE	10	4 U	1.05 U	1 U
BENZO(A)PYRENE	10	4 U	1.05 U	1 U
BENZO(B)FLUORANTHENE	10	4 U	1.05 U	1 U
BENZO(G,H,I)PERYLENE	NC	4 U	1.05 U	1 U
BENZO(K)FLUORANTHENE	10	4 U	1.05 U	1 U
CHRYSENE	10	4 U	1.05 U	1 U
DIBENZO(A,H)ANTHRACENE	10	4 U	1.05 U	1 U
FLUORANTHENE	NC	4 U	1.05 U	1 U
FLUORENE	NC	7.39	1.05 U	1 U
INDENO(1,2,3-CD)PYRENE	NC	4 U	1.05 U	1 U
PHENANTHRENE	NC	7.2	1.05 U	1 U
PYRENE	NC	4 U	1.05 U	1 U
VOCS (UG/L)				
BENZENE	5	5	0.6 U	0.6 U
ETHYLBENZENE	700	39.1	0.5 U	0.5 U
METHYL TERT-BUTYL ETHER[2]	40			
NAPHTHALENE	25	**108**	0.5 U	0.5 U
TOLUENE	1000	4.2	0.5 U	0.5 U
TOTAL XYLENES	10000	135	0.6 U	0.6 U

Volatile Organic Compounds by GC/MS

Client: Tetra Tech NUS
Laboratory ID: MK16015-003
Description: BEALB-1472-GW-MW143-1111
Matrix: Aqueous
Date Sampled: 11/14/2011 1400
Date Received: 11/16/2011

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	1	11/22/2011 2140	JJG		72325

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzene	71-43-2	8260B	ND		5.0	0.15	ug/L	2
Ethylbenzene	100-41-4	8260B	ND		5.0	0.17	ug/L	2
Naphthalene	91-20-3	8260B	ND		5.0	0.32	ug/L	2
Toluene	108-88-3	8260B	ND		5.0	0.16	ug/L	2
Xylenes (total)	1330-20-7	8260B	ND		5.0	0.19	ug/L	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
Bromofluorobenzene		94	75-120
1,2-Dichloroethane-d4		90	70-120
Toluene-d8		98	85-120

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)

Semivolatile Organic Compounds by GC/MS

Client: Tetra Tech NUS
Laboratory ID: MK16015-003
Description: BEALB-1472-GW-MW143-1111
Matrix: Aqueous
Date Sampled: 11/14/2011 1400
Date Received: 11/16/2011

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	11/20/2011 2307	JGH	11/17/2011 1436	71923

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.1	0.18	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		5.3	0.17	ug/L	1
Anthracene	120-12-7	8270D	ND		1.1	0.13	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.1	0.079	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		5.3	0.11	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.1	0.079	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		5.3	0.088	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.1	0.14	ug/L	1
Chrysene	218-01-9	8270D	ND		1.1	0.10	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		5.3	0.15	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.1	0.11	ug/L	1
Fluorene	86-73-7	8270D	ND		5.3	0.15	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.1	0.099	ug/L	1
1-Methylnaphthalene	90-12-0	8270D	ND		1.1	0.084	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.1	0.19	ug/L	1
Naphthalene	91-20-3	8270D	ND		5.3	0.20	ug/L	1
Phenanthrene	85-01-8	8270D	ND		5.3	0.13	ug/L	1
Pyrene	129-00-0	8270D	ND		1.1	0.11	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Nitrobenzene-d5		61	40-110
2-Fluorobiphenyl		65	50-110
Terphenyl-d14		60	50-135

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)

Volatile Organic Compounds by GC/MS

Client: Tetra Tech NUS
Laboratory ID: MK16015-002
Description: BEALB-1472-GW-MW144-1111
Matrix: Aqueous
Date Sampled: 11/14/2011 1150
Date Received: 11/16/2011

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	1	11/22/2011 2117	JJG		72325

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzene	71-43-2	8260B	ND		5.0	0.15	ug/L	2
Ethylbenzene	100-41-4	8260B	ND		5.0	0.17	ug/L	2
Naphthalene	91-20-3	8260B	ND		5.0	0.32	ug/L	2
Toluene	108-88-3	8260B	ND		5.0	0.16	ug/L	2
Xylenes (total)	1330-20-7	8260B	ND		5.0	0.19	ug/L	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
Bromofluorobenzene		99	75-120
1,2-Dichloroethane-d4		94	70-120
Toluene-d8		98	85-120

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)

Semivolatile Organic Compounds by GC/MS

Client: Tetra Tech NUS
Laboratory ID: MK16015-002
Description: BEALB-1472-GW-MW144-1111
Matrix: Aqueous
Date Sampled: 11/14/2011 1150
Date Received: 11/16/2011

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	11/20/2011 2210	JGH	11/17/2011 1436	71923

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	0.30	J	1.0	0.18	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		5.2	0.17	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.13	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.078	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		5.2	0.10	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.078	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		5.2	0.088	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.14	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.10	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		5.2	0.15	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.10	ug/L	1
Fluorene	86-73-7	8270D	0.70	J	5.2	0.15	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	0.098	ug/L	1
1-Methylnaphthalene	90-12-0	8270D	ND		1.0	0.083	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.19	ug/L	1
Naphthalene	91-20-3	8270D	ND		5.2	0.20	ug/L	1
Phenanthrene	85-01-8	8270D	ND		5.2	0.13	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.10	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Nitrobenzene-d5		56	40-110
2-Fluorobiphenyl		61	50-110
Terphenyl-d14		63	50-135

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and >_MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)

Volatile Organic Compounds by GC/MS

Client: Tetra Tech NUS
Description: BEALB-1472-GW-MW145-1111
Date Sampled: 11/14/2011 1545
Date Received: 11/16/2011

Laboratory ID: MK16015-005
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	11/17/2011 1358	BM		71985
2	5030B	8260B	1	11/22/2011 2225	JJG		72325
3	5030B	8260B	1	11/29/2011 1848	JJG		72639

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzene	71-43-2	8260B	ND		5.0	0.15	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		5.0	0.17	ug/L	1
Naphthalene	91-20-3	8260B	0.42	J	5.0	0.32	ug/L	1
Toluene	108-88-3	8260B	ND		5.0	0.16	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	0.19	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits	Q	Run 3 % Recovery	Acceptance Limits
Bromofluorobenzene	N	54	75-120		96	75-120	H	101	75-120
1,2-Dichloroethane-d4	N	51	70-120		87	70-120	H	108	70-120
Toluene-d8	N	53	85-120		99	85-120	H	95	85-120

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and >_MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)

Semivolatile Organic Compounds by GC/MS

Client: Tetra Tech NUS
Description: BEALB-1472-GW-MW145-1111
Date Sampled: 11/14/2011 1545
Date Received: 11/16/2011

Laboratory ID: MK16015-005
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	11/20/2011 2344	JGH	11/17/2011 1436	71923

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.1	0.18	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		5.3	0.17	ug/L	1
Anthracene	120-12-7	8270D	ND		1.1	0.13	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.1	0.080	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		5.3	0.11	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.1	0.080	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		5.3	0.089	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.1	0.14	ug/L	1
Chrysene	218-01-9	8270D	ND		1.1	0.11	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		5.3	0.15	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.1	0.11	ug/L	1
Fluorene	86-73-7	8270D	ND		5.3	0.15	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.1	0.10	ug/L	1
1-Methylnaphthalene	90-12-0	8270D	ND		1.1	0.085	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.1	0.19	ug/L	1
Naphthalene	91-20-3	8270D	ND		5.3	0.20	ug/L	1
Phenanthrene	85-01-8	8270D	ND		5.3	0.13	ug/L	1
Pyrene	129-00-0	8270D	ND		1.1	0.11	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Nitrobenzene-d5		57	40-110
2-Fluorobiphenyl		61	50-110
Terphenyl-d14		59	50-135

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
* = Reportable result (only when report all runs)

Appendix E
Historical Groundwater Analytical Results

CDM - AECOM
Multimedia Joint Venture

TABLE 4-1

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER
REPORT OF FINDINGS - LAUREL BAY MILITARY HOUSING
MCAS BEAUFORT, SOUTH CAROLINA

Parameter	Criteria [1]	398 ACORN		
		LBMW104 BEALB-398-GW-MW104-1011 20111028 GW	LBMW105 BEALB-398-GW-MW105-1011 20111028 GW	LBMW106 BEALB-398-GW-MW106-1011 20111028 GW
POLYNUCLEAR AROMATIC HYDROCARBONS (UG/L)				
1-METHYLNAPHTHALENE	10	0.55 U	0.5 U	**21**
2-METHYLNAPHTHALENE	10	0.55 U	0.5 U	**17**
ACENAPHTHENE	NC	0.55 U	0.5 U	**1.1**
ACENAPHTHYLENE	NC	2.7 U	2.6 U	2.6 U
ANTHRACENE	NC	0.55 U	0.5 U	0.5 U
BENZO(A)ANTHRACENE	10	0.55 U	0.5 U	0.5 U
BENZO(A)PYRENE	10	2.7 U	2.6 U	2.6 U
BENZO(B)FLUORANTHENE	10	0.55 U	0.5 U	0.5 U
BENZO(G,H,I)PERYLENE	NC	2.7 U	**0.12 J**	2.6 U
BENZO(K)FLUORANTHENE	10	0.55 U	0.5 U	0.5 U
CHRYSENE	10	0.55 U	0.5 U	0.5 U
DIBENZO(A,H)ANTHRACENE	10	2.7 U	2.6 U	2.6 U
FLUORANTHENE	NC	0.55 U	0.5 U	0.5 U
FLUORENE	NC	2.7 U	2.6 U	**1.3 J**
INDENO(1,2,3-CD)PYRENE	NC	0.55 U	0.5 U	0.5 U
NAPHTHALENE	25	2.7 U	2.6 U	**15**
PHENANTHRENE	NC	2.7 U	2.6 U	**0.47 J**
PYRENE	NC	0.55 U	0.5 U	0.5 U
VOLATILES (UG/L)				
BENZENE	5	0.15 UJ	0.15 UJ	**2.6 J**
ETHYLBENZENE	700	0.17 U	0.17 U	**1.8 J**
NAPHTHALENE	25	**0.38 J**	**0.68 J**	**27**
TOLUENE	1000	0.16 U	0.16 U	0.16 U
TOTAL XYLENES	10000	0.19 U	0.19 U	0.19 U

TABLE 4-1

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER
REPORT OF FINDINGS - LAUREL BAY MILITARY HOUSING
MCAS BEAUFORT, SOUTH CAROLINA

Parameter	Criteria [1]	388 ACORN		
		LBMW110 BEALB-388-GW-MW-110-1011 20111028 GW	LBMW111 BEALB-388-GW-MW111-1016 20111031 GW	LBMW112 BEALB-388-GW-MW112-1011 20111031 GW
POLYNUCLEAR AROMATIC HYDROCARBONS (UG/L)				
1-METHYLNAPHTHALENE	10	**36**	**0.095 J**	0.5 U
2-METHYLNAPHTHALENE	10	**44**	0.5 U	0.5 U
ACENAPHTHENE	NC	**1.6**	0.5 U	**0.85 J**
ACENAPHTHYLENE	NC	2.6 U	2.6 U	2.6 U
ANTHRACENE	NC	0.5 U	0.5 U	0.5 U
BENZO(A)ANTHRACENE	10	0.5 U	0.5 U	0.5 U
BENZO(A)PYRENE	10	2.6 U	2.6 U	2.6 U
BENZO(B)FLUORANTHENE	10	0.5 U	0.5 U	0.5 U
BENZO(G,H,I)PERYLENE	NC	2.6 U	2.6 U	**0.15 J**
BENZO(K)FLUORANTHENE	10	0.5 U	0.5 U	0.5 U
CHRYSENE	10	0.5 U	0.5 U	0.5 U
DIBENZO(A,H)ANTHRACENE	10	2.6 U	2.6 U	2.6 U
FLUORANTHENE	NC	0.5 U	0.5 U	0.5 U
FLUORENE	NC	**2.9 J**	2.6 U	**0.31 J**
INDENO(1,2,3-CD)PYRENE	NC	0.5 U	0.5 U	0.5 U
NAPHTHALENE	25	**26**	**0.2 J**	**3.9 J**
PHENANTHRENE	NC	**3 J**	2.6 U	2.6 U
PYRENE	NC	0.5 U	0.5 U	0.5 U
VOLATILES (UG/L)				
BENZENE	5	**0.28 J**	0.15 UJ	0.15 UJ
ETHYLBENZENE	700	**21**	0.17 U	0.17 U
NAPHTHALENE	25	**56**	**0.38 J**	**5.7**
TOLUENE	1000	0.16 U	0.16 U	0.16 U
TOTAL XYLENES	10000	**33**	0.19 U	0.19 U

TABLE 4-1

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER
REPORT OF FINDINGS - LAUREL BAY MILITARY HOUSING
MCAS BEAUFORT, SOUTH CAROLINA

Parameter	Criteria [1]	391 ACORN			
		LBMW113 BEALB-391-GW-MW113-1011 20111031 GW	LBMW114 BEALB-391-GW-MW114-1011 20111031 GW	LBMW115 BEALB-391-GW-MW115-1011 20111031 GW	LBMW116 BEALB-391-GW-MW116-1011 20111031 GW
POLYNUCLEAR AROMATIC HYDROCARBONS (UG/L)					
1-METHYLNAPHTHALENE	10	0.5 U	0.5 U	0.55 U	**0.42 J**
2-METHYLNAPHTHALENE	10	0.5 U	0.5 U	0.55 U	**0.2 J**
ACENAPHTHENE	NC	**1.7**	**3.9**	0.55 U	**8.1**
ACENAPHTHYLENE	NC	2.6 U	2.6 U	2.7 U	**0.21 J**
ANTHRACENE	NC	0.5 U	**0.16 J**	0.55 U	**0.42 J**
BENZO(A)ANTHRACENE	10	0.5 U	0.5 U	0.55 U	0.5 U
BENZO(A)PYRENE	10	2.6 U	2.6 U	**0.15 J**	2.6 U
BENZO(B)FLUORANTHENE	10	0.5 U	0.5 U	0.55 U	0.5 U
BENZO(G,H,I)PERYLENE	NC	2.6 U	2.6 U	2.7 U	**0.086 J**
BENZO(K)FLUORANTHENE	10	0.5 U	0.5 U	0.55 U	0.5 U
CHRYSENE	10	0.5 U	0.5 U	0.55 U	0.5 U
DIBENZO(A,H)ANTHRACENE	10	2.6 U	2.6 U	2.7 U	2.6 U
FLUORANTHENE	NC	**0.2 J**	**0.49 J**	0.55 U	**0.84 J**
FLUORENE	NC	**0.32 J**	**2.2 J**	2.7 U	**5.4**
INDENO(1,2,3-CD)PYRENE	NC	0.5 U	0.5 U	0.55 U	0.5 U
NAPHTHALENE	25	2.6 U	**0.52 J**	**0.47 J**	**18**
PHENANTHRENE	NC	2.6 U	2.6 U	2.7 U	**1.4 J**
PYRENE	NC	**0.15 J**	**0.3 J**	0.55 U	**0.41 J**
VOLATILES (UG/L)					
BENZENE	5	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ
ETHYLBENZENE	700	0.17 U	0.17 U	0.17 U	0.17 U
NAPHTHALENE	25	0.32 U	**0.97 J**	**1.2 J**	**33**
TOLUENE	1000	0.16 U	0.16 U	0.16 U	0.16 U
TOTAL XYLENES	10000	0.19 U	0.19 U	0.19 U	0.19 U

TABLE 4-1

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER
REPORT OF FINDINGS - LAUREL BAY MILITARY HOUSING
MCAS BEAUFORT, SOUTH CAROLINA

Parameter	Criteria [1]	282 BIRCH			
		LBMW136 BEALB-282-GW-MW136-1111 20111115 GW	LBMW137 BEALB-282-GW-MW137-1111 20111116 GW	LBMW138 BEALB-282-GW-MW138-1111 20111117 GW	LBMW139 BEALB-282-GW-MW139-1111 20111115 GW
POLYNUCLEAR AROMATIC HYDROCARBONS (UG/L)					
1-METHYLNAPHTHALENE	10	**49**	0.55 U	0.55 U	**0.44 J**
2-METHYLNAPHTHALENE	10	**67**	0.55 U	0.55 U	0.55 U
ACENAPHTHENE	NC	**2.6**	0.55 U	**0.29 J**	**0.27 J**
ACENAPHTHYLENE	NC	2.6 U	2.7 U	2.7 U	2.7 U
ANTHRACENE	NC	0.5 U	0.55 U	0.55 U	0.55 U
BENZO(A)ANTHRACENE	10	0.5 U	0.55 U	0.55 U	0.55 U
BENZO(A)PYRENE	10	2.6 U	2.7 U	2.7 U	2.7 U
BENZO(B)FLUORANTHENE	10	0.5 U	0.55 U	0.55 U	0.55 U
BENZO(G,H,I)PERYLENE	NC	2.6 U	2.7 U	2.7 U	2.7 U
BENZO(K)FLUORANTHENE	10	0.5 U	0.55 U	0.55 U	0.55 U
CHRYSENE	10	0.5 U	0.55 U	0.55 U	0.55 U
DIBENZO(A,H)ANTHRACENE	10	2.6 U	2.7 U	2.7 U	2.7 U
FLUORANTHENE	NC	0.5 U	0.55 U	0.55 U	0.55 U
FLUORENE	NC	**5.7**	2.7 U	**0.44 J**	**0.56 J**
INDENO(1,2,3-CD)PYRENE	NC	0.5 U	0.55 U	0.55 U	0.55 U
NAPHTHALENE	25	**38**	2.7 U	2.7 U	**0.44 J**
PHENANTHRENE	NC	**3.6 J**	2.7 U	2.7 U	2.7 U
PYRENE	NC	0.5 U	0.55 U	0.55 U	0.55 U
VOLATILES (UG/L)					
BENZENE	5	**2.4 J**	2.5 U	2.5 U	2.5 U
ETHYLBENZENE	700	**17**	2.5 U	2.5 U	2.5 U
NAPHTHALENE	25	**120**	2.5 U	2.5 U	2.5 UJ
TOLUENE	1000	**0.33 J**	2.5 U	2.5 U	2.5 U
TOTAL XYLENES	10000	**14**	2.5 U	2.5 U	2.5 U

TABLE 4-1

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER
REPORT OF FINDINGS - LAUREL BAY MILITARY HOUSING
MCAS BEAUFORT, SOUTH CAROLINA

Parameter	Criteria [1]	441 ELDERBERRY			
		LBMW117	LBMW118	LBMW119	
		BEALB-441-GW-MW117-1111	BEALB-441-GW-MW118-1111	BEALB-441-GW-MW119-1111	BEALB-441-GW-MW119-1111-D
		20111109	20111109	20111109	20111109
		GW	GW	GW	GW
POLYNUCLEAR AROMATIC HYDROCARBONS (UG/L)					
1-METHYLNAPHTHALENE	10	**0.78 J**	**8.3 J**	**3**	**3.3**
2-METHYLNAPHTHALENE	10	**1.3**	**2.9 J**	**1.9**	**2**
ACENAPHTHENE	NC	0.5 U	0.5 UJ	**0.58 J**	**0.53 J**
ACENAPHTHYLENE	NC	2.6 U	2.6 UJ	2.6 U	2.6 U
ANTHRACENE	NC	0.5 U	0.5 UJ	0.5 U	0.5 U
BENZO(A)ANTHRACENE	10	0.5 U	0.5 UJ	0.5 U	0.5 U
BENZO(A)PYRENE	10	2.6 U	2.6 UJ	2.6 U	2.6 U
BENZO(B)FLUORANTHENE	10	0.5 U	0.5 UJ	0.5 U	0.5 U
BENZO(G,H,I)PERYLENE	NC	2.6 U	2.6 UJ	2.6 U	2.6 U
BENZO(K)FLUORANTHENE	10	0.5 U	0.5 UJ	0.5 U	0.5 U
CHRYSENE	10	0.5 U	0.5 UJ	0.5 U	0.5 U
DIBENZO(A,H)ANTHRACENE	10	2.6 U	2.6 UJ	2.6 U	2.6 U
FLUORANTHENE	NC	0.5 U	0.5 UJ	0.5 U	0.5 U
FLUORENE	NC	**0.28 J**	**0.97 J**	**1.1 J**	**1 J**
INDENO(1,2,3-CD)PYRENE	NC	0.5 U	0.5 UJ	0.5 U	0.5 U
NAPHTHALENE	25	2.6 U	**5.2 J**	**3.8 J**	**4.2 J**
PHENANTHRENE	NC	2.6 U	**0.58 J**	2.6 U	2.6 U
PYRENE	NC	0.5 U	0.5 UJ	0.5 U	0.5 U
VOLATILES (UG/L)					
BENZENE	5	2.5 U	2.5 U	2.5 U	2.5 U
ETHYLBENZENE	700	2.5 U	**0.88 J**	**0.41 J**	**0.42 J**
NAPHTHALENE	25	2.5 U	**13**	**5**	**5.3**
TOLUENE	1000	2.5 U	2.5 U	2.5 U	2.5 U
TOTAL XYLENES	10000	2.5 U	2.5 U	2.5 U	2.5 U

TABLE 4-1

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER
REPORT OF FINDINGS - LAUREL BAY MILITARY HOUSING
MCAS BEAUFORT, SOUTH CAROLINA

Parameter	Criteria [1]	437 ELDERBERRY		
		LBMW133 BEALB-437-GW-MW133-1111 20111114 GW	LBMW134 BEALB-437-GW-MW134-1111 20111115 GW	LBMW135 BEALB-437-GW-MW135-1111 20111115 GW
POLYNUCLEAR AROMATIC HYDROCARBONS (UG/L)				
1-METHYLNAPHTHALENE	10	**45**	**3.3**	**0.27 J**
2-METHYLNAPHTHALENE	10	**72**	**4.1**	**0.84 J**
ACENAPHTHENE	NC	**1.9**	0.55 U	0.55 U
ACENAPHTHYLENE	NC	2.6 U	2.7 U	2.7 U
ANTHRACENE	NC	0.5 U	0.55 U	0.55 U
BENZO(A)ANTHRACENE	10	0.5 U	0.55 U	0.55 U
BENZO(A)PYRENE	10	2.6 U	2.7 U	2.7 U
BENZO(B)FLUORANTHENE	10	0.5 U	0.55 U	0.55 U
BENZO(G,H,I)PERYLENE	NC	2.6 U	2.7 U	2.7 U
BENZO(K)FLUORANTHENE	10	0.5 U	0.55 U	0.55 U
CHRYSENE	10	0.5 U	0.55 U	0.55 U
DIBENZO(A,H)ANTHRACENE	10	2.6 U	2.7 U	2.7 U
FLUORANTHENE	NC	0.5 U	0.55 U	0.55 U
FLUORENE	NC	**3.2 J**	**0.33 J**	2.7 U
INDENO(1,2,3-CD)PYRENE	NC	0.5 U	0.55 U	0.55 U
NAPHTHALENE	25	**30**	**1.8 J**	**0.2 J**
PHENANTHRENE	NC	**3.2 J**	2.7 U	**0.24 J**
PYRENE	NC	0.5 U	0.55 U	0.55 U
VOLATILES (UG/L)				
BENZENE	5	**0.33 J**	2.5 U	2.5 U
ETHYLBENZENE	700	**5.2**	2.5 U	2.5 U
NAPHTHALENE	25	**63 J**	2.5 UJ	2.5 UJ
TOLUENE	1000	**0.17 J**	2.5 U	2.5 U
TOTAL XYLENES	10000	**13**	2.5 U	2.5 U

TABLE 4-1

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER
REPORT OF FINDINGS - LAUREL BAY MILITARY HOUSING
MCAS BEAUFORT, SOUTH CAROLINA

Parameter	Criteria [1]	437 ELDERBERRY		
		LBMW140 BEALB-437-GW-MW140-1111 20111115 GW	LBMW141 BEALB-437-GW-MW141-1111 20111116 GW	LBMW142 BEALB-437-GW-MW142-1111 20111116 GW
POLYNUCLEAR AROMATIC HYDROCARBONS (UG/L)				
1-METHYLNAPHTHALENE	10	0.55 U	0.55 U	**0.12 J**
2-METHYLNAPHTHALENE	10	0.55 U	0.55 U	0.55 U
ACENAPHTHENE	NC	0.55 U	0.55 U	0.55 U
ACENAPHTHYLENE	NC	2.7 U	2.7 U	2.7 U
ANTHRACENE	NC	0.55 U	0.55 U	0.55 U
BENZO(A)ANTHRACENE	10	0.55 U	0.55 U	0.55 U
BENZO(A)PYRENE	10	2.7 U	2.7 U	2.7 U
BENZO(B)FLUORANTHENE	10	0.55 U	0.55 U	0.55 U
BENZO(G,H,I)PERYLENE	NC	2.7 U	2.7 U	2.7 U
BENZO(K)FLUORANTHENE	10	0.55 U	0.55 U	0.55 U
CHRYSENE	10	0.55 U	0.55 U	0.55 U
DIBENZO(A,H)ANTHRACENE	10	2.7 U	2.7 U	2.7 U
FLUORANTHENE	NC	0.55 U	0.55 U	0.55 U
FLUORENE	NC	2.7 U	2.7 U	2.7 U
INDENO(1,2,3-CD)PYRENE	NC	0.55 U	0.55 U	0.55 U
NAPHTHALENE	25	2.7 U	2.7 U	2.7 U
PHENANTHRENE	NC	2.7 U	2.7 U	2.7 U
PYRENE	NC	0.55 U	0.55 U	0.55 U
VOLATILES (UG/L)				
BENZENE	5	2.5 U	2.5 U	2.5 U
ETHYLBENZENE	700	2.5 U	2.5 U	2.5 U
NAPHTHALENE	25	2.5 UJ	2.5 U	2.5 U
TOLUENE	1000	2.5 U	2.5 U	2.5 U
TOTAL XYLENES	10000	2.5 U	2.5 U	2.5 U

TABLE 4-1

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER
REPORT OF FINDINGS - LAUREL BAY MILITARY HOUSING
MCAS BEAUFORT, SOUTH CAROLINA

Parameter	Criteria [1]	1054 GARDENIA			
		1054-DMW-1 BEALB-1054-GW-DMW-1-1111 20111108 GW	1054-MW-2 BEALB-1054-GW-MW-2-1111 20111108 GW	1054-MW-4 BEALB-1054-GW-MW4-1111 20111109 GW	1054-MW-7 BEALB-1054-GW-MW-7-1111 20111108 GW
POLYNUCLEAR AROMATIC HYDROCARBONS (UG/L)					
1-METHYLNAPHTHALENE	10	0.5 U	0.5 U	0.5 U	0.55 U
2-METHYLNAPHTHALENE	10	0.5 U	0.5 U	0.5 U	0.55 U
ACENAPHTHENE	NC	0.5 U	0.5 U	0.5 U	0.55 U
ACENAPHTHYLENE	NC	2.6 U	**0.33 J**	2.6 U	2.7 U
ANTHRACENE	NC	0.5 U	0.5 U	0.5 U	0.55 U
BENZO(A)ANTHRACENE	10	0.5 U	0.5 U	0.5 U	0.55 U
BENZO(A)PYRENE	10	2.6 U	2.6 U	2.6 U	2.7 U
BENZO(B)FLUORANTHENE	10	0.5 U	0.5 U	0.5 U	0.55 U
BENZO(G,H,I)PERYLENE	NC	2.6 U	2.6 U	2.6 U	2.7 U
BENZO(K)FLUORANTHENE	10	0.5 U	0.5 U	0.5 U	0.55 U
CHRYSENE	10	0.5 U	0.5 U	0.5 U	0.55 U
DIBENZO(A,H)ANTHRACENE	10	2.6 U	2.6 U	2.6 U	2.7 U
FLUORANTHENE	NC	0.5 U	0.5 U	0.5 U	0.55 U
FLUORENE	NC	2.6 U	2.6 U	2.6 U	2.7 U
INDENO(1,2,3-CD)PYRENE	NC	0.5 U	0.5 U	0.5 U	0.55 U
NAPHTHALENE	25	2.6 U	**0.4 J**	2.6 U	2.7 U
PHENANTHRENE	NC	2.6 U	2.6 U	2.6 U	2.7 U
PYRENE	NC	0.5 U	0.5 U	0.5 U	0.55 U
VOLATILES (UG/L)					
BENZENE	5	2.5 U	2.5 U	2.5 U	2.5 U
ETHYLBENZENE	700	2.5 U	2.5 U	2.5 U	2.5 U
NAPHTHALENE	25	2.5 U	**1.5 J**	2.5 U	2.5 U
TOLUENE	1000	2.5 U	2.5 U	2.5 U	**0.17 J**
TOTAL XYLENES	10000	2.5 U	2.5 U	2.5 U	2.5 U

TABLE 4-1

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER
REPORT OF FINDINGS - LAUREL BAY MILITARY HOUSING
MCAS BEAUFORT, SOUTH CAROLINA

Parameter	Criteria [1]	1054 GARDENIA			
		LBMW127	LBMW128		LBMW129
		BEALB-1054-MW127-1111	BEALB-1054-GW-MW128-1111	BEALB-1054-GW-MW128-1111-D	BEALB-1054-GW-MW129
		20111107	20111107	20111107	20111108
		GW	GW	GW	GW
POLYNUCLEAR AROMATIC HYDROCARBONS (UG/L)					
1-METHYLNAPHTHALENE	10	**23**	**26**	**25**	**50**
2-METHYLNAPHTHALENE	10	**15**	**19**	**19**	**62**
ACENAPHTHENE	NC	**1.5**	**1.2**	**1.3**	**2.2**
ACENAPHTHYLENE	NC	2.6 U	2.6 U	2.6 U	2.6 U
ANTHRACENE	NC	0.5 U	0.5 U	0.5 U	0.5 U
BENZO(A)ANTHRACENE	10	0.5 U	0.5 U	0.5 U	0.5 U
BENZO(A)PYRENE	10	2.6 U	2.6 U	2.6 U	2.6 U
BENZO(B)FLUORANTHENE	10	0.5 U	0.5 U	0.5 U	0.5 U
BENZO(G,H,I)PERYLENE	NC	2.6 U	2.6 U	**0.29 J**	**0.14 J**
BENZO(K)FLUORANTHENE	10	0.5 U	0.5 U	0.5 U	0.5 U
CHRYSENE	10	0.5 U	0.5 U	0.5 U	0.5 U
DIBENZO(A,H)ANTHRACENE	10	2.6 U	2.6 U	2.6 U	2.6 U
FLUORANTHENE	NC	0.5 U	0.5 U	0.5 U	**0.14 J**
FLUORENE	NC	**2.4 J**	**2.3 J**	**2.3 J**	**3.9 J**
INDENO(1,2,3-CD)PYRENE	NC	0.5 U	0.5 U	**0.15 J**	0.5 U
NAPHTHALENE	25	**7.7**	**14**	**14**	**30**
PHENANTHRENE	NC	**2.4 J**	**1.2 J**	**1.3 J**	**3.4 J**
PYRENE	NC	0.5 U	0.5 U	0.5 U	**0.1 J**
VOLATILES (UG/L)					
BENZENE	5	2.5 U	2.5 U	2.5 U	**0.28 J**
ETHYLBENZENE	700	**3.8 J**	**5.8**	**4.9 J**	**17**
NAPHTHALENE	25	**18**	**43**	**36**	**77**
TOLUENE	1000	2.5 U	2.5 U	2.5 U	**1 J**
TOTAL XYLENES	10000	**1.6 J**	**4.1 J**	**3.2 J**	**26**

TABLE 4-1

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER
REPORT OF FINDINGS - LAUREL BAY MILITARY HOUSING
MCAS BEAUFORT, SOUTH CAROLINA

Parameter	Criteria [1]	1472 CARDINAL			
		LBMW130		LBMW131	LBMW132
		BEALB-1472-GW-MW130-1111	BEALB-1472-GW-MW130-1111-D	BEALB-1472-GW-MW131-1111	BEALB-1472-GW-MW132-1111
		20111110	20111110	20111110	20111115
		GW	GW	GW	GW
POLYNUCLEAR AROMATIC HYDROCARBONS (UG/L)					
1-METHYLNAPHTHALENE	10	**20**	**21**	0.5 U	0.55 U
2-METHYLNAPHTHALENE	10	**29**	**30**	0.5 U	0.55 U
ACENAPHTHENE	NC	**0.92 J**	**0.97 J**	0.5 U	0.55 U
ACENAPHTHYLENE	NC	2.6 U	2.5 U	2.6 U	2.7 U
ANTHRACENE	NC	0.5 U	0.5 U	0.5 U	0.55 U
BENZO(A)ANTHRACENE	10	0.5 U	0.5 U	0.5 U	0.55 U
BENZO(A)PYRENE	10	2.6 U	2.5 U	2.6 U	2.7 U
BENZO(B)FLUORANTHENE	10	0.5 U	0.5 U	0.5 U	0.55 U
BENZO(G,H,I)PERYLENE	NC	2.6 U	2.5 U	2.6 U	2.7 U
BENZO(K)FLUORANTHENE	10	0.5 U	0.5 U	0.5 U	0.55 U
CHRYSENE	10	0.5 U	0.5 U	0.5 U	0.55 U
DIBENZO(A,H)ANTHRACENE	10	2.6 U	2.5 U	2.6 U	2.7 U
FLUORANTHENE	NC	0.5 U	0.5 U	0.5 U	0.55 U
FLUORENE	NC	**1.7 J**	**1.8 J**	2.6 U	2.7 U
INDENO(1,2,3-CD)PYRENE	NC	0.5 U	0.5 U	0.5 U	0.55 U
NAPHTHALENE	25	**24**	**25**	2.6 U	2.7 U
PHENANTHRENE	NC	**0.89 J**	**1.1 J**	2.6 U	2.7 U
PYRENE	NC	0.5 U	0.5 U	0.5 U	0.55 U
VOLATILES (UG/L)					
BENZENE	5	**2.8 J**	**3.3 J**	2.5 U	2.5 U
ETHYLBENZENE	700	**14**	**15**	2.5 U	2.5 U
NAPHTHALENE	25	**56 J**	**83 J**	2.5 U	2.5 UJ
TOLUENE	1000	**0.36 J**	**0.32 J**	**0.18 J**	2.5 U
TOTAL XYLENES	10000	**15**	**15**	2.5 U	2.5 U

TABLE 4-1

SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER
REPORT OF FINDINGS - LAUREL BAY MILITARY HOUSING
MCAS BEAUFORT, SOUTH CAROLINA

Parameter	Criteria [1]	1472 CARDINAL			
		LBMW143		LBMW144	LBMW145
		BEALB-1472-GW-MW143-1111	BEALB-1472-GW-MW143-1111-D	BEALB-1472-GW-MW144-1111	BEALB-1472-GW-MW145-1111
		20111114	20111114	20111114	20111114
		GW	GW	GW	GW
POLYNUCLEAR AROMATIC HYDROCARBONS (UG/L)					
1-METHYLNAPHTHALENE	10	0.55 U	0.55 U	0.5 U	0.55 U
2-METHYLNAPHTHALENE	10	0.55 U	0.55 U	0.5 U	0.55 U
ACENAPHTHENE	NC	0.55 U	0.55 U	**0.3 J**	0.55 U
ACENAPHTHYLENE	NC	2.7 UJ	2.7 UJ	2.6 U	2.7 U
ANTHRACENE	NC	0.55 U	0.55 U	0.5 U	0.55 U
BENZO(A)ANTHRACENE	10	0.55 U	0.55 U	0.5 U	0.55 U
BENZO(A)PYRENE	10	2.7 U	2.7 U	2.6 U	2.7 U
BENZO(B)FLUORANTHENE	10	0.55 U	0.55 U	0.5 U	0.55 U
BENZO(G,H,I)PERYLENE	NC	2.7 U	2.7 U	2.6 U	2.7 U
BENZO(K)FLUORANTHENE	10	0.55 U	0.55 U	0.5 U	0.55 U
CHRYSENE	10	0.55 U	0.55 U	0.5 U	0.55 U
DIBENZO(A,H)ANTHRACENE	10	2.7 U	2.7 U	2.6 U	2.7 U
FLUORANTHENE	NC	0.55 U	0.55 U	0.5 U	0.55 U
FLUORENE	NC	2.7 U	2.7 U	**0.7 J**	2.7 U
INDENO(1,2,3-CD)PYRENE	NC	0.55 U	0.55 U	0.5 U	0.55 U
NAPHTHALENE	25	2.7 U	2.7 U	2.6 U	2.7 U
PHENANTHRENE	NC	2.7 U	2.7 U	2.6 U	2.7 U
PYRENE	NC	0.55 U	0.55 U	0.5 U	0.55 U
VOLATILES (UG/L)					
BENZENE	5	2.5 U	2.5 U	2.5 U	2.5 U
ETHYLBENZENE	700	2.5 U	2.5 U	2.5 U	2.5 U
NAPHTHALENE	25	2.5 UJ	2.5 UJ	2.5 UJ	**13 J**
TOLUENE	1000	2.5 U	2.5 U	2.5 U	2.5 U
TOTAL XYLENES	10000	2.5 U	2.5 U	2.5 U	2.5 U

NOTES:
(1)South Carolina State Screening Value are Risk Based Screening Levels (RBSLs) for groundwater (SCDHEC, 2011).
All positive results have been bolded.
Shaded values indicate exceedance of criteria.
NC = No Criteria Available.

DATA QUALIFIERS:
U = Indicates the parameter was not detected.
UJ = Indicates the parameter was not detected; however, the detection limit is estimated.
J = Indicates the result is estimated.

Appendix E-3
Historical Groundwater Analytical Results - 2013 through 2019
Laurel Bay Military Housing Area
MCAS Beaufort, South Carolina

Old Laurel Bay Military Housing Area Address	New Laurel Bay Military Housing Area Address				Benzene	Ethylbenzene	Naphthalene	Toluene	Xylenes	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene
				SCDHEC RBSLs	5	700	25	1000	10000	10	10	10	10	10
		Well ID	Sample Date	Sample Type										
119 Banyan Drive	57 Banyan Drive	BEALB119MW01	12/11/2015	N	< 0.45 U	**5**	**36 J**	< 0.48 U	**3.3 J**	**0.065 J**	**0.034 J**	< 0.040 U	**0.079 J**	< 0.080 U
			12/11/2015	FD	< 0.45 U	**5**	**37 J**	< 0.48 U	**3.5 J**	< 0.040 U	< 0.040 U	< 0.040 U	**0.037 J**	< 0.080 UJ
			7/28/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			6/14/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	**0.050 J**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			1/23/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB119MW02	12/11/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	**0.31 J**	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			7/28/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/13/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			1/23/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB119MW03	12/11/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			7/28/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			6/13/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 UJ
			1/23/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB119MW04	12/14/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			7/28/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/13/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 UJ
			1/23/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
128 Banyan Drive	156 Banyan Drive	BEALB128MW01	12/14/2015	N	**0.68 J**	**6.5**	**29**	**0.42 J**	**21**	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			7/28/2016	N	**1.7**	**18**	**51**	**0.87 J**	**19**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/14/2017	N	**1.4**	**19**	**55**	**0.79 J**	**33**	**0.048 J**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			1/22/2018	N	NA	NA	**64**	NA	NA	NA	NA	NA	NA	NA
			3/19/2019	N	NA	NA	**6.1**	NA	NA	NA	NA	NA	NA	NA
		BEALB128MW02	12/14/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			7/28/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/14/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	**0.043 J**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			1/22/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/19/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB128MW03	12/14/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			7/29/2016	N	**1.4**	**7.1**	**39**	< 0.80 U	**15**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			6/13/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 UJ
			1/22/2018	N	NA	NA	**10**	NA	NA	NA	NA	NA	NA	NA
			3/19/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB128MW04	12/14/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	**7.4**	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			7/29/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			7/29/2016	FD	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/13/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	**0.043 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 UJ
			1/22/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/19/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
130 Banyan Drive	174 Banyan Drive	BEALB130MW01	3/23/2017	N	**1.2**	**66**	**160**	< 0.80	**12**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
			1/19/2018	N	**0.45 J**	**35**	**96**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/19/2019	N	< 0.80 U	**19**	**54**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/19/2019	FD	< 0.80 U	**18**	**49**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB130MW02	12/19/2018	N	< 0.80 U	**10**	**130**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			12/19/2018	FD	< 0.80 U	**10**	**130**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/19/2019	N	**0.87 J**	**16**	**150**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB130MW03	12/19/2018	N	< 0.80 U	**1.5**	**10**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/19/2019	N	< 0.80 U	**1.2**	**13**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB130MW04	12/19/2018	N	< 0.80 U	< 0.80 U	**0.42 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/19/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB130MW05	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/19/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB130MW06	4/8/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U

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Old Laurel Bay Military Housing Area Address	New Laurel Bay Military Housing Area Address				Benzene	Ethylbenzene	Naphthalene	Toluene	Xylenes	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene
				SCDHEC RBSLs	5	700	25	1000	10000	10	10	10	10	10
		Well ID	Sample Date	Sample Type										
132 Banyan Drive	188 Banyan Drive	BEALB132MW01	12/15/2015	N	**7.9**	**42**	**150 J**	< 0.48 U	**39**	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			7/29/2016	N	**30**	**78**	**200**	< 0.80 U	**60**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/15/2017	N	**17**	**52**	**150**	< 0.80 U	**33**	**0.050 J**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			1/19/2018	N	**33**	NA	**310**	NA	NA	NA	NA	NA	NA	NA
			3/19/2019	N	**22**	NA	**160**	NA	NA	NA	NA	NA	NA	NA
			3/19/2019	FD	**23**	NA	**180**	NA	NA	NA	NA	NA	NA	NA
		BEALB132MW02	12/15/2015	N	**0.50 J**	< 0.51 U	**2.8 J**	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			7/29/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/14/2017	N	< 0.80 U	< 0.80 U	**1.2**	< 0.80 U	< 0.80 U	**0.041 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/19/2018	N	< 0.80 U	NA	**0.99 J**	NA	NA	NA	NA	NA	NA	NA
			3/19/2019	N	**0.47 J**	NA	**2.1**	NA	NA	NA	NA	NA	NA	NA
		BEALB132MW03	12/15/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			7/29/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 UJ	< 0.10 U	< 0.10 U
			6/14/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 UJ
			1/19/2018	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/19/2019	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB132MW04	12/15/2015	N	< 0.45 U	< 0.51 U	**0.47 J**	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			7/29/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/14/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	**0.13 J**	< 0.10 U	< 0.10 U	**0.080 J**	< 0.10 UJ
			1/19/2018	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/19/2019	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
135 Birch Drive	378 Birch Drive	BEALB135MW01	12/15/2015	N	< 0.45 U	**3.4 J**	**79**	< 0.48 U	**0.36 J**	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/2/2016	N	< 0.80 U	**2.4**	**45**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			8/2/2016	FD	< 0.80 U	**2.6**	**47**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/14/2017	N	**1**	**4.6**	**61**	< 0.80 U	**2.2**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			1/23/2018	N	NA	NA	**64**	NA	NA	NA	NA	NA	NA	NA
			3/19/2019	N	NA	NA	**36**	NA	NA	NA	NA	NA	NA	NA
			3/19/2019	FD	NA	NA	**35**	NA	NA	NA	NA	NA	NA	NA
		BEALB135MW02	12/14/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/1/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/13/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			1/23/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/18/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB135MW03	12/14/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 UJ
			8/2/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/13/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	**0.096 J**	< 0.10 U	< 0.10 U	**0.042 J**	< 0.10 UJ
			1/22/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/18/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB135MW04	12/14/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/1/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/13/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	**0.044 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 UJ
			1/22/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/18/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
148 Laurel Bay Boulevard	917 Laurel Bay Boulevard	BEALB148MW01	12/16/2015	N	< 0.45 U	**13**	**110 J**	< 0.48 U	**8.9**	**0.045 J**	< 0.040 U	< 0.040 U	**0.043 J**	< 0.080 U
			8/2/2016	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
			6/15/2017	N	< 0.80 U	**4**	**28**	< 0.80 U	< 0.80 U	**0.16 J**	**0.042 J**	< 0.10 UJ	**0.10 J**	< 0.10 UJ
			1/22/2018	N	NA	NA	NA	NA	NA	**0.24**	**0.098 J**	< 0.10 U	**0.15 J**	< 0.10 U
			3/18/2019	N	NA	NA	**33**	NA	NA	NA	NA	NA	NA	NA
		BEALB148MW02	12/16/2015	N	< 0.45 U	**0.60 J**	**48 J**	**0.24 J**	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/2/2016	N	< 0.80 U	< 0.80 U	**18**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			8/2/2016	FD	< 0.80 U	< 0.80 U	**18**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/15/2017	N	< 0.80 U	< 0.80 U	**16**	< 0.80 U	< 0.80 U	**0.047 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/19/2018	N	< 0.80 U	< 0.80 U	**14**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/18/2019	N	NA	NA	**11**	NA	NA	NA	NA	NA	NA	NA
		BEALB148MW03	12/16/2015	N	< 0.45 U	**0.56 J**	**6.6 J**	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/2/2016	N	< 0.80 U	**0.93 J**	**16**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/15/2017	N	< 0.80 U	**0.84 J**	**5.4**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/19/2018	N	< 0.80 U	**0.43 J**	**2.7**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/18/2019	N	NA	NA	**1.4**	NA	NA	NA	NA	NA	NA	NA
		BEALB148MW04	12/15/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/2/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/15/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/18/2019	N	NA	NA	**0.50 J**	NA	NA	NA	NA	NA	NA	NA

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				SCDHEC RBSLs	5	700	25	1000	10000	10	10	10	10	10
		Well ID	Sample Date	Sample Type										
156 Laurel Bay Boulevard	989 Laurel Bay Boulevard	BEALB156MW01	12/15/2015	N	< 0.45 U	**9.2**	**72**	< 0.48 U	**25**	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U
			12/15/2015	FD	< 0.45 U	**11**	**82**	< 0.48 U	**31**	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/1/2016	N	< 0.80 U	**13**	**110**	< 0.80 U	**18**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/14/2017	N	< 0.80 U	**8.6**	**62**	< 0.80 U	**6.2**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/23/2018	N	NA	NA	**110**	NA	NA	NA	NA	NA	NA	NA
			3/19/2019	N	NA	NA	**16**	NA	NA	NA	NA	NA	NA	NA
		BEALB156MW02	12/15/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/1/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/14/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 UJ
			1/23/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/18/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB156MW03	12/15/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/1/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/14/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 UJ
			1/22/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/19/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB156MW04	12/15/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/1/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 UJ	< 0.10 U	< 0.10 U
			6/14/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 UJ
			1/22/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/18/2019	N	NA	NA	**0.50 J**	NA	NA	NA	NA	NA	NA	NA
		BEALB156MW05	12/15/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/3/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/14/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			1/22/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/18/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
228 Cypress Street	136 Cypress Street	BEALB228MW01	3/20/2018	N	< 0.80 U	**18**	**86**	**1.3**	**52**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/7/2019	N	< 0.80 U	< 0.80 U	**1.5 J**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/7/2019	FD	< 0.80 U	< 0.80 U	**2.1**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 U	< 0.10 U	< 0.10 UJ	< 0.10 U
		BEALB228MW02	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/7/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 U	< 0.10 U	< 0.10 UJ	< 0.10 U
		BEALB228MW03	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/7/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB228MW04	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/7/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB228MW05	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/7/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
254 Beech Street	37 Beech Street	BEALB254MW01	3/20/2018	N	**17 J**	**15 J**	**190**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/20/2018	FD	**13**	**12**	**160**	< 0.80 U	< 0.80 U	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
			3/13/2019	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
		BEALB254MW02	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/13/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 U	< 0.10 UJ	< 0.10 UJ	< 0.10 U
		BEALB254MW03	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			12/17/2018	FD	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/11/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB254MW04	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/11/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
256 Beech Street	53 Beech Street	BEALB256MW01	3/23/2017	N	**1.2**	**14**	**38**	< 0.80	**12**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
			3/23/2017	FD	**1.3**	**15**	**38**	< 0.80	**13**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
			1/23/2018	N	**2.3**	**14**	**50**	< 0.80 U	**2.2**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/11/2019	N	< 0.80 U	**0.73 J**	**1.8**	< 0.80 U	< 0.80 U	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
			3/11/2019	FD	< 0.80 U	**0.75 J**	**1.9**	< 0.80 U	< 0.80 U	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		BEALB256MW02	12/13/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/8/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB256MW03	12/13/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/8/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB256MW04	12/13/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/7/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB256MW05	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/8/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
268 Beech Street	149 Beech Street	BEALB268MW01	3/20/2018	N	< 0.80 U	**6.2**	**19**	< 0.80 U	**19**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ

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				SCDHEC RBSLs	5	700	25	1000	10000	10	10	10	10	10
		Well ID	Sample Date	Sample Type										
273 Birch Drive	82 Birch Drive	BEALB273MW01	7/25/2016	N	**2.4**	**5.9**	**75**	< 0.80 U	**1.5**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/14/2017	N	**1.9**	**16**	**170**	< 0.80 U	< 0.80 U	**0.056 J**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			1/23/2018	N	**2.6**	**11**	**140**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/5/2019	N	NA	NA	**100**	NA	NA	NA	NA	NA	NA	NA
		BEALB273MW02	12/13/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/6/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB273MW03	12/13/2018	N	< 0.80 UJ	**0.72 J**	**24 J**	< 0.80 UJ	**0.67 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/5/2019	N	NA	NA	**15**	NA	NA	NA	NA	NA	NA	NA
		BEALB273MW04	12/13/2018	N	< 0.80 UJ	< 0.80 UJ	**0.78 J**	< 0.80 UJ	< 0.80 UJ	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/5/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB273MW05	12/13/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/6/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
282 Birch Drive	191 Birch Drive	BEALB282MW136	7/30/2013	N	**0.41 J**	**1.2**	**57**	< 0.25 U	< 0.25 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
			9/11/2014	N	< 0.40 U	**0.76 J**	**14**	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/11/2014	FD	< 0.40 U	**0.76 J**	**15**	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/15/2015	N	< 0.45 U	NA	**16**	NA	NA	NA	NA	NA	NA	NA
			9/15/2015	FD	< 0.45 U	NA	**13**	NA	NA	NA	NA	NA	NA	NA
			7/28/2016	N	NA	NA	**15**	NA	NA	NA	NA	NA	NA	NA
			7/28/2016	FD	NA	NA	**16**	NA	NA	NA	NA	NA	NA	NA
		BEALB282MW137	7/30/2013	N	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			9/11/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/15/2015	N	< 0.45 U	NA	< 0.96 U	NA	NA	NA	NA	NA	NA	NA
			7/28/2016	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB282MW138	7/30/2013	N	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			9/12/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/15/2015	N	< 0.45 U	NA	**0.14 J**	NA	NA	NA	NA	NA	NA	NA
			7/27/2016	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB282MW139	7/30/2013	N	< 0.25 U	< 0.25 U	**0.41 J**	< 0.25 U	< 0.25 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			9/12/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/15/2015	N	< 0.45 U	NA	< 0.96 U	NA	NA	NA	NA	NA	NA	NA
			7/27/2016	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
285 Birch Drive	174 Birch Drive	BEALB285MW01	3/23/2017	N	**0.95**	**5.1**	**33**	< 0.80	**5.9**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
			1/23/2018	N	**2.1**	**10**	**60**	< 0.80 U	**7.2**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/6/2019	N	**1.6**	**5.2**	**35**	<0.80	**1.4**	<0.10 UJ	<0.10	<0.10	<0.10 UJ	<0010
		BEALB285MW02	12/18/2018	N	< 0.80 U	< 0.80 U	**0.41 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/6/2019	N	< 0.80 U	< 0.80 U	**2**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB285MW03	12/18/2018	N	**0.52 J**	**1.5**	**39**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/6/2019	N	**0.66 J**	**1.6**	**37**	<0.80	<0.80	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB285MW04	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/6/2019	N	<0.80	<0.80	**0.49 J**	<0.80	<0.80	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB285MW05	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/6/2019	N	<0.80	<0.80	**0.6 J**	<0.80	<0.80	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB285MW06	12/18/2018	N	**3.1**	**4.9**	**56**	< 0.80 U	**12**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			12/18/2018	FD	**3.3**	**5.2**	**61**	< 0.80 U	**13**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/6/2019	N	**4.6**	**5.2**	**49**	< 0.80 U	**7.1**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/6/2019	FD	**4.2**	**4.7**	**53**	< 0.80 U	**7.2**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB285MW07	4/8/2019	N	< 0.80 U	< 0.80 U	**9.1**	< 0.80 UJ	**0.52 J**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
292 Birch Drive	273 Birch Drive	BEALB292MW01	3/23/2017	N	< 0.80	**3.2**	**10**	< 0.80	< 0.80	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

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				SCDHEC RBSLs	5	700	25	1000	10000	10	10	10	10	10
		Well ID	Sample Date	Sample Type										
325 Ash Street	238 Ash Street	BEALB325MW01	7/25/2016	N	< 0.80 U	**25**	**100 J**	< 0.80 U	**18**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 UJ
			6/14/2017	N	< 0.80 U	**18**	**86**	< 0.80 U	**8.8**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 UJ
			1/23/2018	N	< 0.80 U	**16**	**92**	< 0.80 U	**7.1**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/18/2019	N	NA	NA	**80**	NA	NA	NA	NA	NA	NA	NA
			3/18/2019	FD	NA	NA	**86**	NA	NA	NA	NA	NA	NA	NA
		BEALB325MW02	12/19/2018	N	< 0.80 U	**6.9**	**41**	< 0.80 U	**20**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/18/2019	N	NA	NA	**27**	NA	NA	NA	NA	NA	NA	NA
		BEALB325MW03	12/19/2018	N	< 0.80 U	**2.4**	**10**	< 0.80 U	**0.87 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/15/2019	N	NA	NA	**8.8**	NA	NA	NA	NA	NA	NA	NA
		BEALB325MW04	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/15/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB325MW05	12/19/2018	N	< 0.80 U	< 0.80 U	**0.66 J**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/18/2019	N	NA	NA	**0.62 J**	NA	NA	NA	NA	NA	NA	NA
		BEALB325MW06	12/19/2018	N	< 0.80 U	**21**	**91**	**0.56 J**	**36**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/18/2019	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
		BEALB325MW07	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/18/2019	N	NA	NA	**0.43 J**	NA	NA	NA	NA	NA	NA	NA
		BEALB325MW08	12/19/2018	N	**1.7**	**21**	**140**	**0.51 J**	**39**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/18/2019	N	NA	NA	**91**	NA	NA	NA	NA	NA	NA	NA
			3/18/2019	FD	NA	NA	**92**	NA	NA	NA	NA	NA	NA	NA
		BEALB325MW09	4/8/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			4/8/2019	FD	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB325MW10	4/8/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
326 Ash Street	239 Ash Street	BEALB326MW01	7/25/2016	N	**2.6**	**15**	**49**	**0.86 J**	**59**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/14/2017	N	**2.2**	**8**	**37**	< 0.80 U	**23**	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
			1/23/2018	N	**3.7**	**19**	**74**	**0.68 J**	**43**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/18/2019	N	NA	NA	**51**	NA	NA	NA	NA	NA	NA	NA
			3/18/2019	FD	NA	NA	**48**	NA	NA	NA	NA	NA	NA	NA
		BEALB326MW02	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			12/19/2018	FD	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/15/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB326MW03	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB326MW04	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/15/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB326MW05	12/19/2018	N	< 0.80 U	< 0.80 U	**0.60 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/15/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
330 Ash Street	309 Ash Street	BEALB330MW01	7/26/2016	N	**1.3**	**48**	**120**	**0.86 J**	**100**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			6/14/2017	N	**1.5**	**46**	**150**	**1.1**	**68**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/24/2018	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
			3/14/2019	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
		BEALB330MW02	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 UJ	< 0.10 UJ	< 0.10 U	< 0.10 UJ
			3/14/2019	N	< 0.80 U	< 0.80 U	**1.1**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB330MW03	12/17/2018	N	< 0.80 U	< 0.80 U	**1.2**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/15/2019	N	< 0.80 U	**0.84 J**	**4.2**	< 0.80 U	**0.76 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB330MW04	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/15/2019	N	< 0.80 U	< 0.80 U	**3.5**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB330MW05	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			12/18/2018	FD	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 UJ	< 0.10 U	< 0.10 U	< 0.10 UJ
			3/14/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
331 Ash Street	324 Ash Street	BEALB331MW01	3/23/2017	N	< 0.80	**2**	**41**	< 0.80	**3.6**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
			1/24/2018	N	< 0.80 U	**1**	**32**	< 0.80 U	**1.8**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/15/2019	N	< 0.80 U	**0.82 J**	**22**	< 0.80 U	**1.1**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/15/2019	FD	< 0.80 U	**0.88 J**	**23**	< 0.80 U	**1.1**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB331MW02	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB331MW03	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 UJ
		BEALB331MW04	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB331MW05	12/18/2018	N	< 0.80 U	< 0.80 U	**6.2**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N	< 0.80 U	< 0.80 U	**0.89 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U

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Old Laurel Bay Military Housing Area Address	New Laurel Bay Military Housing Area Address				Benzene	Ethylbenzene	Naphthalene	Toluene	Xylenes	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene
				SCDHEC RBSLs	5	700	25	1000	10000	10	10	10	10	10
		Well ID	Sample Date	Sample Type										
335 Ash Street	350 Ash Street	BEALB335MW01	1/24/2018	N/A	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP
			3/14/2019	N/A	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP
		BEALB335MW02	12/17/2018	N	< 0.80 U	< 0.80 U	**6**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			12/17/2018	FD	< 0.80 U	< 0.80 U	**6.7**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N	< 0.80 U	< 0.80 U	**2.2**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB335MW03	12/13/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB335MW04	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB335MW05	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
336 Ash Street	381 Ash Street	BEALB336MW01	7/25/2016	N	**5.9**	**12**	**55**	< 0.80 U	**2**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			7/25/2016	FD	**6.6**	**13**	**63**	< 0.80 U	**2.3**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/15/2017	N	**7.7**	**21**	**130**	< 0.80 U	< 0.80 U	**0.041 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/24/2018	N	**6.6**	**18**	**79**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N/A	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP	NS - FP
		BEALB336MW02	12/19/2018	N	< 0.80 U	< 0.80 U	**0.81 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/14/2019	FD	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB336MW03	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB336MW04	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/14/2019	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB336MW05	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB336MW06	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
342 Ash Street	445 Ash Street	BEALB342MW01	3/23/2017	N	**0.68**	**0.72**	**5.1**	< 0.80	< 0.80	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
343 Ash Street	410 Ash Street	BEALB343MW01	7/25/2016	N	< 0.80 U	**13**	**37**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/15/2017	N	< 0.80 U	**3.9**	**7.7**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/24/2018	N	< 0.80 U	**1.7**	**8.7**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N	NA	NA	**3.5**	NA	NA	NA	NA	NA	NA	NA
		BEALB343MW02	12/13/2018	N	< 0.80 UJ	< 0.80 UJ	**0.60 J**	< 0.80 UJ	< 0.80 UJ	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB343MW03	12/13/2018	N	< 0.80 UJ	< 0.80 UJ	**1.3 J**	< 0.80 UJ	< 0.80 UJ	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/13/2019	N	NA	NA	**34**	NA	NA	NA	NA	NA	NA	NA
		BEALB343MW04	12/13/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB343MW05	12/13/2018	N	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/13/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
353 Ash Street	502 Ash Street	BEALB353MW01	7/25/2016	N	**0.97 J**	**15**	**100**	< 0.80 U	**1.2**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/15/2017	N	**1.4**	**11**	**17**	< 0.80 U	**0.47 J**	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
			1/26/2018	N	**1.2**	**18**	**1.6**	< 0.80 U	**0.56 J**	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
			3/14/2019	N	NA	NA	**2.2**	NA	NA	NA	NA	NA	NA	NA
		BEALB353MW02	12/19/2018	N	< 0.80 U	**1.2**	**1.3**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/13/2019	N	NA	NA	**1.2**	NA	NA	NA	NA	NA	NA	NA
		BEALB353MW03	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/13/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB353MW04	12/19/2018	N	< 0.80 U	**4.5**	**29**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/13/2019	N	NA	NA	**13**	NA	NA	NA	NA	NA	NA	NA
			3/13/2019	FD	NA	NA	**12**	NA	NA	NA	NA	NA	NA	NA
		BEALB353MW05	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/14/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB353MW06	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/13/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB353MW07	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/13/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB353MW08	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/13/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB353MW09	4/8/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 UJ	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB353MW10	4/8/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U

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				SCDHEC RBSLs	5	700	25	1000	10000	10	10	10	10	10
		Well ID	Sample Date	Sample Type										
388 Acorn Drive	125 Acorn Drive	BEALB388MW110	7/29/2013	N	**0.25 J**	**15**	**72**	< 0.25 U	**23**	**0.33**	**0.19 J**	< 0.11 U	**0.20 J**	< 0.11 U
			9/10/2014	N	**2.0**	**14**	**71**	< 0.20 U	**18**	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/14/2015	N	**0.75 J**	NA	**49 BJ**	NA	NA	NA	NA	NA	NA	NA
			7/27/2016	N	NA	NA	**30**	NA	NA	NA	NA	NA	NA	NA
			6/15/2017	N	NA	NA	**34**	NA	NA	NA	NA	NA	NA	NA
			1/24/2018	N	NA	NA	**62**	NA	NA	NA	NA	NA	NA	NA
			3/18/2019	N	NA	NA	**35**	NA	NA	NA	NA	NA	NA	NA
			3/18/2019	FD	NA	NA	**32**	NA	NA	NA	NA	NA	NA	NA
		BEALB388MW111	7/29/2013	N	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			9/10/2014	N	< 0.40 U	< 0.20 U	**0.48 J**	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/14/2015	N	< 0.45 U	NA	< 0.96 U	NA	NA	NA	NA	NA	NA	NA
			7/27/2016	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			6/15/2017	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			1/24/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/18/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB388MW112	7/29/2013	N	< 0.25 U	< 0.25 U	**14**	< 0.25 U	< 0.25 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
			9/10/2014	N	< 0.40 U	< 0.20 U	**26**	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/14/2015	N	< 0.45 U	NA	**6.8 BJ**	NA	NA	NA	NA	NA	NA	NA
			7/27/2016	N	NA	NA	**2.8**	NA	NA	NA	NA	NA	NA	NA
			7/27/2016	FD	NA	NA	**3.2**	NA	NA	NA	NA	NA	NA	NA
			6/15/2017	N	NA	NA	**8.5**	NA	NA	NA	NA	NA	NA	NA
			1/24/2018	N	NA	NA	**3.5**	NA	NA	NA	NA	NA	NA	NA
			3/18/2019	N	NA	NA	**2.1**	NA	NA	NA	NA	NA	NA	NA
391 Acorn Drive	138 Acorn Drive	BEALB391MW113	7/30/2013	N	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
			9/10/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/15/2015	N	< 0.45 U	NA	< 0.96 U	NA	NA	NA	NA	NA	NA	NA
		BEALB391MW114	7/29/2013	N	< 0.25 U	< 0.25 U	**6.6**	< 0.25 U	< 0.25 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
			7/29/2013	FD	< 0.25 U	< 0.25 U	**6.3**	< 0.25 U	< 0.25 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
			9/10/2014	N	< 0.40 U	< 0.20 U	**12**	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/14/2015	N	< 0.45 U	NA	**0.51 BJ**	NA	NA	NA	NA	NA	NA	NA
		BEALB391MW115	7/29/2013	N	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
			9/10/2014	N	< 0.40 U	< 0.20 U	**0.89 J**	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/14/2015	N	< 0.45 U	NA	**0.63 BJ**	NA	NA	NA	NA	NA	NA	NA
		BEALB391MW116	7/29/2013	N	< 0.25 U	< 0.25 U	**3.7**	< 0.25 U	< 0.25 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			9/10/2014	N	< 0.40 U	< 0.20 U	**0.57 J**	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/14/2015	N	< 0.45 U	NA	**19 BJ**	NA	NA	NA	NA	NA	NA	NA
398 Acorn Drive	203 Acorn Drive	BEALB398MW104	7/30/2013	N	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			9/10/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/15/2015	N	< 0.45 U	NA	< 0.96 U	NA	NA	NA	NA	NA	NA	NA
		BEALB398MW105	7/30/2013	N	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
			9/10/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/15/2015	N	< 0.45 U	NA	**0.18 J**	NA	NA	NA	NA	NA	NA	NA
		BEALB398MW106	7/30/2013	N	**0.71**	**0.18 J**	**0.93**	< 0.25 U	< 0.25 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
			9/10/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/15/2015	N	< 0.45 U	NA	< 0.96 U	NA	NA	NA	NA	NA	NA	NA
430 Elderberry Drive	323 Elderberry Drive	BEALB430MW01	7/22/2016	N	< 0.80 U	**9.1**	**24**	< 0.80 U	**24**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U

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				SCDHEC RBSLs	5	700	25	1000	10000	10	10	10	10	10
		Well ID	Sample Date	Sample Type										
437 Elderberry Drive	362 Elderberry Drive	BEALB437MW133	7/31/2013	N	**0.93**	**25**	**110**	**0.57**	**49**	< 0.21 UJ	< 0.21 UJ	< 0.21 UJ	< 0.21 UJ	< 0.21 UJ
			7/31/2013	FD	**0.96**	**26**	**110**	**0.61**	**50**	< 0.21 UJ	< 0.21 UJ	< 0.21 UJ	< 0.21 UJ	< 0.21 UJ
			9/11/2014	N	**0.40 J**	**8.8**	**41**	< 0.20 U	**18**	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/11/2014	FD	**0.41 J**	**9.3**	**45**	< 0.20 U	**19**	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/15/2015	N	**1.5 J**	NA	**180 BJ**	NA	NA	NA	NA	NA	NA	NA
			9/15/2015	FD	**1.3 J**	NA	**200 BJ**	NA	NA	NA	NA	NA	NA	NA
			7/27/2016	N	NA	NA	**77**	NA	NA	NA	NA	NA	NA	NA
			6/15/2017	N	NA	NA	**170**	NA	NA	NA	NA	NA	NA	NA
			1/25/2018	N	NA	NA	**83**	NA	NA	NA	NA	NA	NA	NA
			3/11/2019	N	NA	NA	**120**	NA	NA	NA	NA	NA	NA	NA
		BEALB437MW134	7/31/2013	N	< 0.50 U	< 0.50 U	**6.9**	< 0.50 U	< 0.50 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
			9/11/2014	N	< 0.40 U	< 0.20 U	**1.1**	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/15/2015	N	< 0.45 U	NA	**0.86 J**	NA	NA	NA	NA	NA	NA	NA
			7/27/2016	N	NA	NA	**0.88 J**	NA	NA	NA	NA	NA	NA	NA
			6/15/2017	N	NA	NA	**1.7**	NA	NA	NA	NA	NA	NA	NA
			1/25/2018	N	NA	NA	**1.0**	NA	NA	NA	NA	NA	NA	NA
			3/11/2019	N	NA	NA	**0.72 J**	NA	NA	NA	NA	NA	NA	NA
		BEALB437MW135	7/31/2013	N	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
			9/11/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/15/2015	N	< 0.45 U	NA	< 0.96 U	NA	NA	NA	NA	NA	NA	NA
			7/27/2016	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			6/15/2017	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			1/24/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/11/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB437MW140	7/31/2013	N	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
			9/11/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/15/2015	N	< 0.45 U	NA	< 0.96 U	NA	NA	NA	NA	NA	NA	NA
			7/27/2016	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			6/15/2017	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			1/24/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/12/2019	N	NA	NA	**0.66 J**	NA	NA	NA	NA	NA	NA	NA
			3/12/2019	FD	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB437MW141	7/31/2013	N	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
			9/11/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/15/2015	N	< 0.45 U	NA	< 0.96 U	NA	NA	NA	NA	NA	NA	NA
			7/27/2016	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			6/15/2017	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			1/24/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/12/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB437MW142	7/31/2013	N	< 0.50 U	< 0.50 U	**0.33 J**	< 0.50 U	**0.18 J**	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
			9/11/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/15/2015	N	< 0.45 U	NA	< 0.96 U	NA	NA	NA	NA	NA	NA	NA
			7/27/2016	N	NA	NA	**2.4**	NA	NA	NA	NA	NA	NA	NA
			6/15/2017	N	NA	NA	**1.1**	NA	NA	NA	NA	NA	NA	NA
			1/24/2018	N	NA	NA	**0.67 J**	NA	NA	NA	NA	NA	NA	NA
			3/12/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
440 Elderberry Drive	405 Elderberry Drive	BEALB440MW01	7/22/2016	N	**1.1**	**16**	**88**	< 0.80 U	**11**	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
			7/22/2016	FD	**1**	**15**	**90**	< 0.80 U	**9.7**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/15/2017	N	**0.56 J**	**8.5**	**64**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/24/2018	N	< 0.80 U	**3.4**	**31**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/12/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB440MW02	12/18/2018	N	< 0.80 U	< 0.80 U	**1.6**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/12/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB440MW03	12/18/2018	N	< 0.80 U	< 0.80 U	**3.2**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/12/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB440MW04	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/12/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB440MW05	12/18/2018	N	< 0.80 U	< 0.80 U	**0.53 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/12/2019	N	NA	NA	**2.1**	NA	NA	NA	NA	NA	NA	NA
441 Elderberry Drive	392 Elderberry Drive	BEALB441MW117	7/31/2013	N	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
			9/11/2014	N	< 0.40 U	< 0.20 U	**0.54 J**	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
		BEALB441MW118	7/31/2013	N	< 0.50 U	< 0.50 U	**6.9**	< 0.50 U	< 0.50 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
			9/11/2014	N	< 0.40 U	< 0.20 U	**2.7**	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
		BEALB441MW119	7/31/2013	N	< 0.50 U	**0.22 J**	**7.0**	< 0.50 U	< 0.50 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
			9/11/2014	N	< 0.40 U	**0.33 J**	**8.1**	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U

Appendix E-3
Historical Groundwater Analytical Results - 2013 through 2019
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Old Laurel Bay Military Housing Area Address	New Laurel Bay Military Housing Area Address				Benzene	Ethylbenzene	Naphthalene	Toluene	Xylenes	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene
				SCDHEC RBSLs	5	700	25	1000	10000	10	10	10	10	10
		Well ID	Sample Date	Sample Type										
456 Elderberry Drive	537 Elderberry Drive	BEALB456MW01	7/22/2016	N	**6.1**	**44**	**200**	< 4.0 U	**28**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/15/2017	N	**5.4**	**64**	**340**	< 0.80 U	**41**	**0.21 J**	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
			1/26/2018	N	**4.4 J**	**51**	**320**	< 4.0 U	**36**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/8/2019	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
		BEALB456MW02	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/8/2019	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB456MW03	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/8/2019	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB456MW04	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/11/2019	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB456MW05	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/8/2019	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
458 Elderberry Drive	551 Elderberry Drive	BEALB458MW01	7/22/2016	N	**1.5**	**19**	**76**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/15/2017	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
			1/26/2018	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
			3/13/2019	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
		BEALB458MW02	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/13/2019	N	< 0.80 U	< 0.80 U	**7.6**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB458MW03	12/18/2018	N	< 0.80 U	< 0.80 U	**0.75 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/13/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 U	< 0.10 UJ	< 0.10 UJ	< 0.10 U
		BEALB458MW04	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	**0.040 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/13/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 U	< 0.10 UJ	< 0.10 UJ	< 0.10 U
468 Dogwood Drive	65 Dogwood Drive	BEALB468MW01	7/25/2016	N	< 0.80 U	< 0.80 U	**1.3**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
473 Dogwood Drive	82 Dogwood Drive	BEALB473MW01	3/23/2017	N	< 0.80	**11**	**57**	< 0.80	**2.7**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
			1/24/2018	N	< 0.80 U	**5.3**	**37**	< 0.80 U	**0.60 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/13/2019	N	< 0.80 U	**4.4**	**32**	< 0.80 U	**1.4**	< 0.10 UJ	< 0.10 U	< 0.10 UJ	< 0.10 UJ	< 0.10 U
			3/13/2019	FD	< 0.80 U	**4.5**	**30**	< 0.80 U	**1.4**	< 0.10 UJ	< 0.10 U	< 0.10 UJ	< 0.10 UJ	< 0.10 U
		BEALB473MW02	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/12/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB473MW03	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/13/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 U	< 0.10 UJ	< 0.10 UJ	< 0.10 U
		BEALB473MW04	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			12/18/2018	FD	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/13/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB473MW05	12/18/2018	N	< 0.80 U	< 0.80 U	**0.51 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/12/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
518 Laurel Bay Boulevard	403 Laurel Bay Boulevard	BEALB518MW01	7/26/2016	N	< 0.80 U	**1.5**	**20**	< 0.80 U	**2.6**	< 0.10 U	**0.16 J**	**0.15 J**	< 0.10 U	**0.15 J**
635 Dahlia Drive	542 Dahlia Drive	BEALB635MW01	7/22/2016	N	< 0.80 U	< 0.80 U	**0.81 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
638 Dahlia Drive	549 Dahlia Drive	BEALB638MW01	7/22/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
640 Dahlia Drive	569 Dahlia Drive	BEALB640MW01	7/22/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB640MW02	7/22/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
647 Dahlia Drive	668 Dahlia Drive	BEALB647MW01	7/21/2016	N	< 0.80 U	**0.59 J**	**4.3**	< 0.80 U	**0.79 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
648 Dahlia Drive	633 Dahlia Drive	BEALB648MW01	7/21/2016	N	< 0.80 U	**1.2**	**4.8**	< 0.80 U	**1.9**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/16/2017	N	< 0.80 U	**5.3**	**7.7**	< 0.80 U	**0.98 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/24/2018	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
			3/7/2019	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
		BEALB648MW02	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/8/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB648MW03	12/17/2018	N	< 0.80 U	< 0.80 U	**0.43 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/7/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB648MW04	12/13/2018	N	< 0.80 U	< 0.80 U	**0.86 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/7/2019	N	< 0.80 U	< 0.80 U	**3.9**	< 0.80 U	**0.48 J**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ

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Old Laurel Bay Military Housing Area Address	New Laurel Bay Military Housing Area Address				Benzene	Ethylbenzene	Naphthalene	Toluene	Xylenes	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene
				SCDHEC RBSLs	5	700	25	1000	10000	10	10	10	10	10
		Well ID	Sample Date	Sample Type										
650 Dahlia Drive	653 Dahlia Drive	BEALB650MW01	7/21/2016	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
			6/16/2017	N	**0.56 J**	**13**	**59**	< 0.80 U	**2.3**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/26/2018	N	< 0.80 U	**4.3**	**12**	< 0.80 U	**0.46 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/7/2019	N	< 0.80 U	**0.62 J**	**0.84 J**	< 0.80 U	< 0.80 U	**0.11 J**	**0.067 J**	**0.053 J**	**0.072 J**	**0.050 J**
			3/7/2019	FD	< 0.80 U	**0.74 J**	**1.1**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB650MW02	7/21/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/15/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			1/26/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/7/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 U	< 0.10 U	< 0.10 UJ	< 0.10 U
		BEALB650MW03	12/17/2018	N	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/7/2019	N	< 0.80 U	< 0.80 U	**0.86 J**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB650MW04	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/7/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 U	< 0.10 U	< 0.10 UJ	< 0.10 U
		BEALB650MW05	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/7/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB650MW06	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/6/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 U	< 0.10 U	< 0.10 UJ	< 0.10 U
652 Dahlia Drive	669 Dahlia Drive	BEALB652MW01	7/21/2016	N	< 0.80 U	< 0.80 U	**0.61 J**	< 0.80 U	**0.49 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB652MW02	7/21/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
747 Blue Bell Lane	426 Blue Bell Lane	BEALB747MW01	3/23/2017	N	< 0.80	**2.1**	**22**	< 0.80	**0.7**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
749 Blue Bell Lane	440 Blue Bell Lane	BEALB749MW01	3/23/2017	N	< 0.80	**3.3**	**29**	< 0.80	**7.4**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
			1/25/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/6/2019	N	< 0.80 U	< 0.80 U	**0.53 J**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB749MW02	12/13/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/6/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 U	< 0.10 UJ	< 0.10 UJ	< 0.10 U
		BEALB749MW03	12/13/2018	N	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/6/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 U	< 0.10 U	< 0.10 UJ	< 0.10 U
		BEALB749MW04	12/13/2018	N	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/6/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 U	< 0.10 U	< 0.10 UJ	< 0.10 U
		BEALB749MW05	12/13/2018	N	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/5/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 U	< 0.10 UJ	< 0.10 UJ
760 Althea Street	101 Althea Street	BEALB760MW01	7/21/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
774 Althea Street	247 Althea Street	BEALB774MW01	3/20/2018	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
			3/12/2019	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
		BEALB774MW02	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/12/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB774MW03	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/12/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB774MW04	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/12/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB774MW05	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/12/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 U	< 0.10 UJ	< 0.10 UJ	< 0.10 U
775 Althea Street	244 Althea Street	BEALB775MW01	3/23/2017	N	< 0.80	**6.2**	**23**	< 0.80	< 0.80	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
1033 Foxglove Street	256 Foxglove Street	BEALB1033MW01	12/16/2015	N	< 0.45 U	< 0.51 U	**1.1 J**	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			12/16/2015	FD	< 0.45 U	< 0.51 U	**0.84 J**	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
		BEALB1033MW02	12/16/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
		BEALB1033MW03	12/16/2015	N	< 0.45 U	< 0.51 U	**0.30 J**	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
		BEALB1033MW04	12/15/2015	N	< 0.45 U	< 0.51 U	**0.71 J**	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
1034 Foxglove Street	261 Foxglove Street	BEALB1034MW01	3/24/2017	N	< 0.80	< 0.80	**1.5**	< 0.80	< 0.80	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

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Old Laurel Bay Military Housing Area Address	New Laurel Bay Military Housing Area Address				Benzene	Ethylbenzene	Naphthalene	Toluene	Xylenes	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene
				SCDHEC RBSLs	5	700	25	1000	10000	10	10	10	10	10
		Well ID	Sample Date	Sample Type										
1054 Gardenia Drive	Empty Lot	BEALB1054DMW1	8/1/2013	N	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
			9/11/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/16/2015	N	< 0.45 U	NA	< 0.96 U	NA	NA	NA	NA	NA	NA	NA
			7/27/2016	N	NA	NA	**0.99 J**	NA	NA	NA	NA	NA	NA	NA
			6/19/2017	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			1/25/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/4/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB1054MW2	8/1/2013	N	< 0.50 U	< 0.50 U	**3.7**	< 0.50 U	< 0.50 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
			8/1/2013	FD	< 0.50 U	< 0.50 U	**3.7**	< 0.50 U	< 0.50 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
			9/11/2014	N	< 0.40 U	< 0.20 U	**0.45 J**	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/16/2015	N	< 0.45 U	NA	< 0.96 U	NA	NA	NA	NA	NA	NA	NA
			7/27/2016	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			6/19/2017	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			1/25/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/4/2019	N	NA	NA	**0.58 J**	NA	NA	NA	NA	NA	NA	NA
		BEALB1054MW4	8/1/2013	N	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
			9/11/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.80 U
			9/16/2015	N	< 0.45 U	NA	< 0.96 U	NA	NA	NA	NA	NA	NA	NA
			7/28/2016	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			6/19/2017	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			1/25/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/4/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB1054MW7	8/1/2013	N	< 0.50 U	< 0.50 U	**3.6**	< 0.50 U	< 0.50 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
			9/11/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	**1.5**	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/16/2015	N	< 0.45 U	NA	< 0.96 U	NA	NA	NA	NA	NA	NA	NA
			7/27/2016	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			6/19/2017	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			1/25/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			3/4/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB1054MW127	8/1/2013	N	< 0.50 U	**2.5**	**25**	< 0.50 U	**0.62**	< 0.21 UJ	< 0.21 UJ	< 0.21 UJ	< 0.21 UJ	< 0.21 UJ
			9/11/2014	N	< 0.40 U	**2.3**	**15**	< 0.20 U	**1.1**	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/16/2015	N	< 0.45 U	NA	**17**	NA	NA	NA	NA	NA	NA	NA
			7/28/2016	N	NA	NA	**8.3**	NA	NA	NA	NA	NA	NA	NA
			6/19/2017	N	NA	NA	**7.2**	NA	NA	NA	NA	NA	NA	NA
			1/25/2018	N	NA	NA	**8.7**	NA	NA	NA	NA	NA	NA	NA
			3/4/2019	N	NA	NA	**5.4**	NA	NA	NA	NA	NA	NA	NA
		BEALB1054MW128	8/1/2013	N	< 0.50 U	**4.4**	**42**	**0.20 J**	**6.3**	< 0.21 UJ	< 0.21 UJ	< 0.21 UJ	< 0.21 UJ	< 0.21 UJ
			9/11/2014	N	< 0.40 U	**2.4**	**18**	< 0.20 U	**2.5**	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/16/2015	N	< 0.45 U	NA	**23 BJ**	NA	NA	NA	NA	NA	NA	NA
			7/27/2016	N	NA	NA	**4.9**	NA	NA	NA	NA	NA	NA	NA
			6/19/2017	N	NA	NA	**13**	NA	NA	NA	NA	NA	NA	NA
			1/25/2018	N	NA	NA	**7.0**	NA	NA	NA	NA	NA	NA	NA
			3/4/2019	N	NA	NA	**11**	NA	NA	NA	NA	NA	NA	NA
		BEALB1054MW129	8/1/2013	N	**0.32 J**	**18**	**73**	**2.1**	**35**	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
			9/11/2014	N	**0.19 J**	**13**	**54**	**1.3**	**25**	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/11/2014	FD	**0.19 J**	**12**	**44**	**1.3**	**22**	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			9/16/2015	N	< 0.45 U	NA	**54 BJ**	NA	NA	NA	NA	NA	NA	NA
			9/16/2015	FD	< 0.45 U	NA	**59**	NA	NA	NA	NA	NA	NA	NA
			7/28/2016	N	NA	NA	**29**	NA	NA	NA	NA	NA	NA	NA
			6/19/2017	N	NA	NA	**31**	NA	NA	NA	NA	NA	NA	NA
			1/25/2018	N	NA	NA	**41**	NA	NA	NA	NA	NA	NA	NA
			3/5/2019	N	NA	NA	**45**	NA	NA	NA	NA	NA	NA	NA
			3/5/2019	FD	NA	NA	**43**	NA	NA	NA	NA	NA	NA	NA

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				SCDHEC RBSLs	5	700	25	1000	10000	10	10	10	10	10
		Well ID	Sample Date	Sample Type										
1055 Gardenia Drive	191 Gardenia Drive	BEALB1055MW01	12/16/2015	N	< 0.45 U	**3.6 J**	**39 J**	< 0.48 U	**0.32 J**	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/2/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/16/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/25/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB1055MW02	12/16/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/2/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/16/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/25/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB1055MW03	12/16/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/2/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/16/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/25/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB1055MW04	12/16/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/2/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/15/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/25/2018	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
1059 Gardenia Drive	159 Gardenia Drive	BEALB1059MW01	12/16/2015	N	**1.8 J**	**8.8**	**39 J**	**3.8 J**	**39**	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/3/2016	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
			6/19/2017	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
			1/29/2018	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
			3/6/2019	N	**2.3**	**14**	**41**	**0.91 J**	**14**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB1059MW02	12/16/2015	N	< 0.45 U	**2.7 J**	**10 J**	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/3/2016	N	< 0.80 U	< 0.80 U	**4.4**	< 0.80 U	**0.86 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/19/2017	N	< 0.80 U	< 0.80 U	**3.2**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/29/2018	N	< 0.80 U	< 0.80 U	**0.50 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/6/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 U	< 0.10 UJ	< 0.10 UJ	< 0.10 U
		BEALB1059MW03	12/16/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/3/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/16/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/29/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/6/2019	N	< 0.80 U	< 0.80 U	**0.58 J**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB1059MW04	12/16/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			8/2/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/16/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			1/29/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/6/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB1059MW05	3/24/2017	N	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
			1/29/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/6/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
1102 Iris Lane	123 Iris Lane	BEALB1102MW01	7/26/2016	N	< 0.80 U	< 0.80 UJ	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 UJ
1104 Iris Lane	141 Iris Lane	BEALB1104MW01	3/24/2017	N	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
1124 Iris Lane	287 Iris Lane	BEALB1124MW01	3/24/2017	N	< 0.80	**11**	**49**	< 0.80	**1.8**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
			1/26/2018	N	< 0.80 U	**5.1**	**24**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/5/2019	N	**0.46 J**	**5.9**	**12**	< 0.80 U	< 0.80 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB1124MW02	12/18/2018	N	**0.43 J**	**2.4**	**42**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			12/18/2018	FD	< 0.80 U	**2.4**	**40**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/5/2019	N	**0.50 J**	**3.8**	**60**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/5/2019	FD	**0.52 J**	**4.3**	**62**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB1124MW03	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/5/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB1124MW04	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/5/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB1124MW05	12/18/2018	N	< 0.80 U	< 0.80 U	**1.2**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/5/2019	N	< 0.80 U	< 0.80 U	**3.3**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1124MW06	4/8/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 UJ	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB1124MW07	4/8/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ

Appendix E-3
Historical Groundwater Analytical Results - 2013 through 2019
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Old Laurel Bay Military Housing Area Address	New Laurel Bay Military Housing Area Address				Benzene	Ethylbenzene	Naphthalene	Toluene	Xylenes	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene
				SCDHEC RBSLs	5	700	25	1000	10000	10	10	10	10	10
		Well ID	Sample Date	Sample Type										
1132 Iris Lane	345 Iris Lane	BEALB1132MW01	7/26/2016	N	< 0.80 U	**5.4**	**33**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			6/16/2017	N	< 0.80 U	**1.1**	**2.2**	< 0.80 U	**0.83 J**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			1/25/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/5/2019	N	NA	NA	**0.76 J**	NA	NA	NA	NA	NA	NA	NA
		BEALB1132MW02	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/5/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB1132MW03	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/5/2019	N	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB1132MW04	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/5/2019	N	NA	NA	**0.64 J**	NA	NA	NA	NA	NA	NA	NA
		BEALB1132MW05	12/17/2018	N	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/5/2019	N	NA	NA	**1.5**	NA	NA	NA	NA	NA	NA	NA
1133 Iris Lane	408 Iris Lane	BEALB1133MW01	7/26/2016	N	< 0.80 U	< 0.80 U	**0.45 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1144 Iris Lane	433 Iris Lane	BEALB1144MW01	7/26/2016	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
			6/16/2017	N	**4.4**	**25**	**180**	< 0.80 U	**3.3**	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
			1/29/2018	N	**4**	**19**	**130 J**	< 0.80 U	< 0.80 U	**0.42 J**	< 0.50 UJ	< 0.50 UJ	**0.21 J**	< 0.50 UJ
			3/5/2019	N	**1.4**	**10**	**59**	< 0.80 U	< 0.80 U	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
			3/5/2019	FD	**1.4**	**10**	**61**	< 0.80 U	< 0.80 U	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
		BEALB1144MW02	7/26/2016	N	**5**	**52**	**210**	< 4.0 U	< 4.0 U	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
			7/26/2016	FD	**5**	**53**	**200**	< 4.0 U	< 4.0 U	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
			6/16/2017	N	**5.4**	**58**	**230**	< 0.80 U	**3.1**	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
			1/26/2018	N	**2.8**	**23**	**110**	< 0.80 U	< 0.80 U	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
			3/4/2019	N	**1**	**8.1**	**22**	**0.49 J**	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB1144MW03	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/4/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB1144MW04	12/13/2018	N	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.10 U	< 0.10 UJ	< 0.10 UJ	< 0.10 U	< 0.10 U
			3/4/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1144MW05	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/5/2019	N	< 0.80 U	< 0.80 U	**0.44 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1144MW06	12/13/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/5/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
1148 Iris Lane	467 Iris Lane	BEALB1148MW01	7/26/2016	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
			6/16/2017	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
			1/29/2018	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
			3/4/2019	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
		BEALB1148MW02	7/26/2016	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
			6/16/2017	N	**0.61 J**	**15**	**100**	< 0.80 U	**4.9**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			1/29/2018	N	< 0.80 U	**3.5**	**50 J**	< 0.80 U	**0.52 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/4/2019	N	< 0.80 U	**1.1**	**6.7**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/4/2019	FD	< 0.80 U	**1.1**	**6.9**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB1148MW03	12/13/2018	N	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/4/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1148MW04	12/13/2018	N	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/5/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1148MW05	12/13/2018	N	< 0.80 UJ	**0.82 J**	**11 J**	< 0.80 UJ	< 0.80 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/4/2019	N	< 0.80 U	**0.72 J**	**7.7**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1148MW06	12/13/2018	N	< 0.80 UJ	< 0.80 UJ	**1.1 J**	< 0.80 UJ	< 0.80 UJ	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/4/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
1168 Jasmine Street	40 Jasmine Street	BEALB1168MW01	12/17/2015	N	< 0.45 U	**0.71 J**	**1.9 J**	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			12/17/2015	FD	< 0.45 U	**0.46 J**	**1.4 J**	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
		BEALB1168MW02	12/17/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
		BEALB1168MW03	12/17/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
		BEALB1168MW04	12/17/2015	N	< 0.45 U	< 0.51 U	< 0.96 U	< 0.48 U	< 0.57 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
1186 Bobwhite Drive	Empty Lot	BEALB1186MW01	12/11/2017	N	< 0.80 U	< 0.80 U	**0.40 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1192 Bobwhite Drive	Empty Lot	BEALB1192MW01	12/7/2017	N	< 0.80 U	< 0.80 U	**1.6**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1194 Bobwhite Drive	Empty Lot	BEALB1194MW01	12/7/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1272 Albatross Drive	59 Albatross Drive	BEALB1272MW01	7/26/2016	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1352 Cardinal Lane	Empty Lot	BEALB1352MW01	12/8/2017	N	< 0.80 U	**1.4**	**12**	< 0.80 U	**0.47 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1356 Cardinal Lane	Empty Lot	BEALB1356MW01	12/8/2017	N	< 0.80 U	**3.9**	**18**	< 0.80 U	**2.9**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U

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Old Laurel Bay Military Housing Area Address	New Laurel Bay Military Housing Area Address				Benzene	Ethylbenzene	Naphthalene	Toluene	Xylenes	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene
				SCDHEC RBSLs	5	700	25	1000	10000	10	10	10	10	10
		Well ID	Sample Date	Sample Type										
1359 Cardinal Lane	Empty Lot	BEALB1359MW01	12/8/2017	N	< 0.80 U	**15**	**110**	< 0.80 U	**16**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	N	< 0.80 U	**8.9**	**70 J**	< 0.80 U	**4.4**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	FD	< 0.80 U	**8.8**	**70 J**	< 0.80 U	**4.3**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1359MW02	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1359MW03	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	N	< 0.80 U	< 0.80 U	**0.45 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1359MW04	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1359MW05	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	N	< 0.80 U	< 0.80 U	**0.57 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1360 Cardinal Lane	Empty Lot	BEALB1360MW01	12/8/2017	N	**2.6**	**30**	**100**	< 0.80 U	**25**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/1/2019	N	**1.7**	**18**	**55 J**	< 0.80 U	**1.9**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1360MW02	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			12/19/2018	FD	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/1/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1360MW03	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			3/1/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1360MW04	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/1/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
1362 Cardinal Lane	Empty Lot	BEALB1362MW01	12/8/2017	N	**4.9**	**38**	**170**	< 0.80 U	**46**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			12/8/2017	FD	**4.7**	**36**	**160**	< 0.80 U	**43**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	N	**3.5**	**19**	**74 J**	< 0.80 U	**1.5**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	FD	**3.5**	**20**	**75 J**	< 0.80 U	**1.5**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1362MW02	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1362MW03	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1362MW04	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 UJ	< 0.10 U	< 0.10 UJ
			2/28/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1362MW05	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1370 Cardinal Lane	Empty Lot	BEALB1370MW01	12/8/2017	N	< 0.80 U	< 0.80 U	**0.43 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	N	< 0.80 U	< 0.80 U	**1.4**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1370MW02	4/17/2018	N	< 0.80 U	**4.4**	**46**	< 0.80 U	< 0.80 U	**0.054 J**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			2/26/2019	N	< 0.80 U	**0.84 J**	**4.8 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	FD	< 0.80 U	**0.45 J**	**3.1**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1370MW03	12/20/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1370MW04	12/19/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			12/19/2018	FD	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1370MW05	12/20/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			2/26/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1382 Dove Lane	Empty Lot	BEALB1382MW01	12/8/2017	N	< 0.80 U	< 0.80 U	**1.1**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 UJ	< 0.10 U	< 0.10 UJ
1384 Dove Lane	Empty Lot	BEALB1384MW01	12/8/2017	N	**0.59 J**	**3.3**	**6.9**	< 0.80 U	**2.1**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1385 Dove Lane	Empty Lot	BEALB1385MW01	12/8/2017	N	< 0.80 U	**19**	**88**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/27/2019	N	< 0.80 U	**11**	**260**	< 0.80 U	**0.63 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1385MW02	12/20/2018	N	< 0.80 U	**3.6**	**31 J**	< 0.80 U	**1.1 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	N	< 0.80 U	**7**	**48**	< 0.80 U	**1.4**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1385MW03	12/19/2018	N	< 0.80 U	**10**	**60 J**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			2/28/2019	N	< 0.80 U	**11**	**57**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	FD	< 0.80 U	**11**	**62**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1385MW04	12/19/2018	N	< 0.80 U	< 0.80 U	**4.5 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			12/19/2018	FD	< 0.80 U	< 0.80 U	**4.5 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	N	< 0.80 U	**0.76 J**	**18**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1385MW05	12/20/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/27/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1385MW06	12/20/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/27/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1385MW07	12/20/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1385MW08	12/19/2018	N	< 0.80 U	< 0.80 UJ	< 0.80 U	< 0.80 UJ	< 0.80 UJ	< 0.10 UJ	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1385MW09	4/9/2019	N	< 0.80 U	**1.7**	**100 J**	< 0.80 UJ	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1385MW10	4/9/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 UJ	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U

Appendix E-3
Historical Groundwater Analytical Results - 2013 through 2019
Laurel Bay Military Housing Area
MCAS Beaufort, South Carolina

Old Laurel Bay Military Housing Area Address	New Laurel Bay Military Housing Area Address				Benzene	Ethylbenzene	Naphthalene	Toluene	Xylenes	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene
				SCDHEC RBSLs	5	700	25	1000	10000	10	10	10	10	10
		Well ID	Sample Date	Sample Type										
1389 Dove Lane	Empty Lot	BEALB1389MW01	12/11/2017	N	< 0.80 U	**16**	**82**	< 0.80 U	**23**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/27/2019	N	< 0.80 U	**12**	**49**	< 0.80 U	**0.72 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1389MW02	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/27/2019	N	< 0.80 U	< 0.80 U	**0.60 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1389MW03	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/27/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1389MW04	12/17/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/27/2019	N	< 0.80 U	< 0.80 U	**0.54 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1389MW05	12/18/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/27/2019	N	< 0.80 U	< 0.80 U	**0.77 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1392 Dove Lane	Empty Lot	BEALB1392MW01	12/8/2017	N	< 0.80 U	**11**	**60**	**0.47 J**	**42**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			12/8/2017	FD	< 0.80 U	**11**	**61**	**0.41 J**	**41**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/27/2019	N	< 0.80 U	**2**	**7.7**	< 0.80 U	**0.51 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1392MW02	12/15/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			2/27/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1392MW03	12/14/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1392MW04	12/14/2018	N	< 0.80 U	< 0.80 U	**0.58 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/27/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1392MW05	12/14/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			12/14/2018	FD	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	N	< 0.80 U	< 0.80 U	**1.6**	< 0.80 UJ	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 UJ	< 0.10 U	< 0.10 U
1393 Dove Lane	Empty Lot	BEALB1393MW01	12/11/2017	N	< 0.80 U	**10**	**40**	< 0.80 U	**4.1**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1393MW02	12/20/2018	N	< 0.80 U	**2.6**	**25 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	N	< 0.80 U	**0.85 J**	**11**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB1393MW03	12/20/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1393MW04	12/20/2018	N	**1.4**	**46**	**170 J**	**1.9**	**100 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	N	**0.80 J**	**31**	**140**	**0.87 J**	**52**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	FD	**0.85 J**	**34**	**150**	**0.99 J**	**61**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB1393MW05	12/20/2018	N	< 0.80 U	< 0.80 U	**0.41 J**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			2/26/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB1393MW06	12/20/2018	N	< 0.80 U	< 0.80 U	**9.0 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	N	**1.4**	**27**	**98**	**0.60 J**	**33**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1393MW07	12/20/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	N	< 0.80 U	< 0.80 U	**1.8**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1393MW08	12/20/2018	N	< 0.80 U	**4.2**	**11 J**	< 0.80 U	**8.7 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			12/20/2018	FD	< 0.80 U	**4.2**	**11 J**	< 0.80 U	**9.1 J**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			2/26/2019	N	< 0.80 U	**12**	**41**	< 0.80 U	**13**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1393MW09	4/9/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1393MW10	4/9/2019	N	< 0.80 U	**3.5**	**57 J**	< 0.80 U	**0.64 J**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
1407 Eagle Lane	Empty Lot	BEALB1407MW01	12/11/2017	N	< 0.80 U	**4.3**	**31**	**44**	**3.5**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			12/11/2017	FD	< 0.80 U	**4.4**	**32**	**46**	**3.4**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			2/27/2019	N	< 0.80 U	< 0.80 U	**3**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1407MW02	12/15/2018	N	< 0.80 U	< 0.80 U	**4.6**	< 0.80 U	< 0.80 U	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
			12/15/2018	FD	< 0.80 U	< 0.80 U	**5.4**	< 0.80 U	< 0.80 U	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
			2/28/2019	N	< 0.80 U	< 0.80 U	**14**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1407MW03	12/15/2018	N	< 0.80 U	< 0.80 U	**11 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	N	< 0.80 U	**1.1**	**18**	< 0.80 U	**0.43 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1407MW04	12/15/2018	N	< 0.80 U	< 0.80 U	**0.50 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/27/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1407MW05	12/15/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			2/27/2019	N	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1407MW06	12/15/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	N	< 0.80 U	< 0.80 U	**0.72 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1407MW07	12/15/2018	N	< 0.80 U	**0.73 J**	**16**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	N	< 0.80 U	**0.87 J**	**17 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1407MW08	12/15/2018	N	< 0.80 U	**0.89 J**	**16**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/28/2019	N	< 0.80 U	**0.88 J**	**29**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1407MW09	12/15/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			2/28/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1411 Eagle Lane	Empty Lot	BEALB1411MW01	12/11/2017	N	< 0.80 U	**2.5**	**15**	**0.72 J**	**9.6**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1418 Albatross Drive	Empty Lot	BEALB1418MW01	12/7/2017	N	< 0.80 U	**1.6**	**11**	< 0.80 U	**1.1**	**0.19 J**	< 0.10 UJ	< 0.10 UJ	**0.11 J**	< 0.10 UJ

Appendix E-3
Historical Groundwater Analytical Results - 2013 through 2019
Laurel Bay Military Housing Area
MCAS Beaufort, South Carolina

Old Laurel Bay Military Housing Area Address	New Laurel Bay Military Housing Area Address				Benzene	Ethylbenzene	Naphthalene	Toluene	Xylenes	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene
				SCDHEC RBSLs	5	700	25	1000	10000	10	10	10	10	10
		Well ID	Sample Date	Sample Type										
1420 Albatross Drive	Empty Lot	BEALB1420MW01	12/7/2017	N	< 0.80 U	**7.5**	**33**	< 0.80 U	**9.6**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/27/2019	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
		BEALB1420MW02	12/14/2018	N	< 0.80 U	< 0.80 U	**0.58 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/27/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1420MW03	12/14/2018	N	< 0.80 U	**3.4**	**12**	< 0.80 U	**5.3**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/27/2019	N	**0.44 J**	**5.2**	**17**	< 0.80 U	**2.8**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1420MW04	12/14/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/27/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1420MW05	12/14/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			2/27/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1426 Albatross Drive	Empty Lot	BEALB1426MW01	12/7/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1429 Albatross Drive	Empty Lot	BEALB1429MW01	12/7/2017	N	< 0.80 U	**9.7**	**60**	< 0.80 U	**13**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	N	< 0.80 U	**3.8**	**16**	< 0.80 U	**0.83 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1429MW02	12/14/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1429MW03	12/14/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1429MW04	12/14/2018	N	< 0.80 U	< 0.80 U	**0.58 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			12/14/2018	FD	< 0.80 U	< 0.80 U	**0.56 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			3/6/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
		BEALB1429MW05	12/14/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/25/2019	N	< 0.80 U	< 0.80 U	**1.5**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1431 Dove Lane	480 Dove Lane	BEALB1431MW01	3/24/2017	N	< 0.80	**0.86**	**69**	< 0.80	< 0.80	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
			1/29/2018	N	< 0.80 U	< 0.80 U	**29 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/25/2019	N	< 0.80 U	**0.72 J**	**81**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1431MW02	12/14/2018	N	< 0.80 U	< 0.80 U	**2.2**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/25/2019	N	< 0.80 U	< 0.80 U	**2.5**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1431MW03	12/13/2018	N	< 0.80 U	< 0.80 U	**3.9**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/25/2019	N	< 0.80 U	< 0.80 U	**1**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1431MW04	12/13/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			12/13/2018	FD	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/25/2019	N	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.80 UJ	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1431MW05	12/13/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/25/2019	N	< 0.80 U	< 0.80 U	**0.83 J**	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
1434 Dove Lane	Empty Lot	BEALB1434MW01	12/7/2017	N	< 0.80 U	**0.50 J**	**6.5**	< 0.80 U	< 0.80 U	**0.18 J**	< 0.10 UJ	< 0.10 UJ	**0.092 J**	< 0.10 UJ
1435 Dove Lane	500 Dove Lane	BEALB1435MW01	3/23/2017	N	**7.4**	**65**	**240**	**13**	**300**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
			1/29/2018	N	**5.2**	**42**	**180 J**	**2.9**	**77**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
			1/29/2018	FD	**4.8**	**40**	**150 J**	**2.5**	**64**	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
			2/25/2019	N	**4.2**	**35**	**97**	**1.1**	**35**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/25/2019	FD	**4.4**	**37**	**91**	**1.1**	**35**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1435MW02	12/13/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/25/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1435MW03	12/13/2018	N	< 0.80 U	< 0.80 U	**0.65 J**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/25/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1435MW04	12/13/2018	N	**3.1**	**17**	**73**	**2.2**	**74**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
			12/13/2018	FD	**3.1**	**17**	**74**	**2.1**	**72**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
			2/25/2019	N	**2.8**	**16**	**73**	**2**	**77**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1435MW05	12/13/2018	N	< 0.80 U	< 0.80 U	**1**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/25/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1435MW06	4/9/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 UJ	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			4/9/2019	FD	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 UJ	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1435MW07	4/9/2019	N	< 0.80 U	< 0.80 U	**1.9 J**	< 0.80 UJ	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1436 Dove Lane	Empty Lot	BEALB1436MW01	12/7/2017	N	< 0.80 U	**0.49 J**	**9**	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1440 Dove Lane	Empty Lot	BEALB1440MW01	12/7/2017	N	< 0.80 U	**1.6**	**3.4**	< 0.80 U	**3**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1442 Dove Lane	Empty Lot	BEALB1442MW01	12/7/2017	N	< 0.80 U	**0.79 J**	**6.2**	**57**	**0.70 J**	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1444 Dove Lane	Empty Lot	BEALB1444MW01	12/7/2017	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ

Appendix E-3
Historical Groundwater Analytical Results - 2013 through 2019
Laurel Bay Military Housing Area
MCAS Beaufort, South Carolina

Old Laurel Bay Military Housing Area Address	New Laurel Bay Military Housing Area Address				Benzene	Ethylbenzene	Naphthalene	Toluene	Xylenes	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene
				SCDHEC RBSLs	5	700	25	1000	10000	10	10	10	10	10
		Well ID	Sample Date	Sample Type										
1452 Cardinal Lane	567 Cardinal Lane	BEALB1452MW01	3/23/2017	N	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
			2/26/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1452MW02	3/20/2018	N	< 0.80 U	**3.9**	**45**	< 0.80 U	**17**	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ	< 0.10 UJ
			2/26/2019	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
		BEALB1452MW03	12/14/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1452MW04	12/14/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	FD	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
		BEALB1452MW05	12/14/2018	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			2/26/2019	N	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.80 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
1472 Cardinal Lane	743 Cardinal Lane	BEALB1472MW130	8/2/2013	N	**3.3**	**13**	**37**	**0.33 J**	**19**	< 0.11 UJ	< 0.11 UJ	< 0.11 UJ	< 0.11 UJ	< 0.11 UJ
			8/2/2013	FD	**3.2**	**13**	**37**	**0.32 J**	**18**	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
			9/12/2014	N	**5.6**	**17**	**36**	**0.40 J**	**14 J**	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.80 U
			9/12/2014	FD	**5.8**	**19**	**40**	**0.42 J**	**18**	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.80 U
		BEALB1472MW130R	3/24/2017	N	**2.9**	**41**	**110**	**1.1**	**110**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
			3/24/2017	FD	**2.6**	**39**	**110**	**1**	**100**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
			6/19/2017	N	**2.6**	NA	**74**	NA	NA	NA	NA	NA	NA	NA
			1/30/2018	N	**2.3**	NA	**62 J**	NA	NA	NA	NA	NA	NA	NA
			1/30/2018	FD	**2.4**	NA	**56 J**	NA	NA	NA	NA	NA	NA	NA
			2/26/2019	N/A	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**	**NS - FP**
		BEALB1472MW131	8/2/2013	N	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
			9/12/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			6/19/2017	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			1/30/2018	N	< 0.80 U	NA	**0.98 J**	NA	NA	NA	NA	NA	NA	NA
			2/26/2019	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB1472MW132	8/2/2013	N	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U
			9/12/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			6/16/2017	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			1/30/2018	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			2/26/2019	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB1472MW143	8/2/2013	N	< 0.25 U	< 0.25 U	**3.8**	< 0.25 U	< 0.25 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
			9/12/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			6/16/2017	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			1/29/2018	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			2/26/2019	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB1472MW144	8/2/2013	N	< 0.25 U	< 0.25 U	**4.1**	< 0.25 U	< 0.25 U	< 0.11 UJ	< 0.11 UJ	< 0.11 UJ	< 0.11 UJ	< 0.11 UJ
			9/12/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			6/16/2017	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			1/29/2018	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			2/26/2019	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
		BEALB1472MW145	8/1/2013	N	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
			9/12/2014	N	< 0.40 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.40 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.040 U	< 0.080 U
			6/16/2017	N	< 0.80 UJ	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			1/26/2018	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
			2/26/2019	N	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA

Notes:
All units are in micrograms per liter (µg/L)
Bold font indicates the analyte was detected.
Bold font and shading indicates the concentration exceeds the SC RBSL.
* - The VOC analyses were inadvertently cancelled for sample BEAL148MW01 in January 2018; however, there was a duplicate sample collected at this location (BEALB148MW01-a). The results of the duplicate sample are valid, and therefore the duplicate sample result will be utilized as the primary sample result.
FP - free product
J - Estimated Value
N/A - not applicable
NA - not analyzed
NS - not sampled
Sample Type N = normal sample, FD = duplicate sample
U or < = Non-detect at laboratory detection limit

Appendix F
Laboratory Analytical Report - Vapor

CDM - AECOM
Multimedia Joint Venture

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **AECOM** ALS Project ID: P1404131
Client Sample ID: **BEALB1472SG01GS20141008** ALS Sample ID: P1404131-007
Client Project ID: **JM30- Laurel Bay Military Housing Area, MCAS Beauf / 60272162.FI.WS**

Test Code: EPA TO-15 Date Collected: 10/8/14
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 10/9/14
Analyst: Simon Cao Date Analyzed: 10/11/14
Sampling Media: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: SC02001

Initial Pressure (psig): -2.50 Final Pressure (psig): 3.83

Canister Dilution Factor: 1.52

CAS #	Compound	Result µg/m³	LOQ µg/m³	LOD µg/m³	MDL µg/m³	Data Qualifier
71-43-2	Benzene	0.67	0.76	0.67	0.24	**U**
108-88-3	Toluene	**0.45**	0.76	0.64	0.26	**J**
100-41-4	Ethylbenzene	0.65	0.76	0.65	0.24	**U**
179601-23-1	m,p-Xylenes	1.3	1.5	1.3	0.46	**U**
95-47-6	o-Xylene	0.62	0.76	0.62	0.23	**U**
91-20-3	Naphthalene	0.62	0.76	0.62	0.27	**U**

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

Appendix G
Regulatory Correspondence

CDM - AECOM
Multimedia Joint Venture

D H E C

PROMOTE PROTECT PROSPER

2 November 2007

Beaufort Military Complex Family Housing
ATTN: Kyle Broadfoot
1510 Laurel Bay Blvd.
Beaufort, SC 29906

Re: MCAS – Laurel Bay Housing – 1472 Cardinal
Site ID # 03745
UST Closure Reports received 15 August 2007
Beaufort County

Dear Mr. Broadfoot:

The purpose of this letter is to verify a release of fuel oil at the referenced residence. According to information received by the Department, the source of the release is from past onsite use of fuel oil USTs. To date, initial activities by the facility have included tank removal and soil sampling. Based on the information contained in the closure report, a potential violation of the South Carolina Pollution Control Act has occurred in that there has been an unauthorized release of petroleum to the environment.

Additional assessment activities are required for this site. Specifically the Department requests that a groundwater sampling proposal be generated for this site.

Please submit a groundwater sampling proposal to conduct the necessary assessment and/or remedial measures at this site no later than 29 February 2007. Should you have any questions, please contact me at 803-898-3553 (office phone), 803-898-2893 (fax) or bishopma@dhec.sc.gov.

Sincerely,

Michael Bishop, Hydrogeologist
Groundwater Quality Section
Bureau of Water

cc: Region 8 District EQC
United States Marine Corps Air Station, Commanding Officer, Attention: S-4 NREAO (William Drawdy), P.O. Box 55001, Beaufort, SC 29904-5001
Technical File

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

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

8 December 2008

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

Re: MCAS – Laurel Bay Housing – 1472 Cardinal
Site ID # 03745
Groundwater Sampling Results received 6 November 2008
Beaufort County

Dear Mr. Ehde:

The Department has completed review of the referenced document. The submitted analytical results indicate that chemicals of concern are above established Risk-Based Screening Levels and additional investigative and/or remedial actions are warranted.

The Department recommends that a permanent groundwater monitoring well be installed to verify the results of the temporary groundwater monitoring well. Please submit the proposal to conduct the necessary assessment and/or remedial measures at this site no later than 29 February 2009.

Should you have any questions, please contact me at 803-896-4179 (office phone), 803-896-6245 (fax) or cookejt@dhec.sc.gov.

Sincerely,

Jan T. Cooke

Jan T. Cooke, Hydrogeologist
AST Petroleum Restoration
& Site Environmental Investigations Section
Land Revitalization Division
Bureau of Land and Waste Management
SC Dept. of Health & Environmental Control

cc: Region 8 District EQC
Tri-Command Communities; Attn: Mr. Robert Bible; 600 Laurel Bay Road Beaufort, SC 29906
Technical File

Received 4/14/11

D H E C

PROMOTE PROTECT PROSPER

Bureau of Land and Waste Management
Division of Waste Management

April 6, 2011

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

Facility: Marine Corps Air Station, Beaufort
EPA ID #: SC1 750 216 169

RE: Review
Report of Findings for Laurel Bay Military Housing Area
Dated July 2010 and
Well Installation and Sampling Work Plan for
Laurel Bay Military Housing
Dated March 2011

Dear Mr. Drawdy:

The South Carolina Department of Health and Environmental Control (the Department) received the above referenced Report of Findings for Laurel Bay Military Housing Area on July 23, 2010 and Addendum to Well Installation and Sampling Work Plan for Laurel Bay Military Housing on March 4, 2011. Heating oil stored in underground storage tanks (USTs) historically heated homes in Laurel Bay. The USTs are no longer used for storing heating oil, and MCAS Beaufort is currently removing these USTs and evaluating their integrity. This Report of Findings and Well Installation and Sampling Work Plan document the groundwater conditions following limited soil sampling and temporary monitoring wells showed evidence of groundwater contamination related to some of the heating oil USTs.

Based on this review, the Department has generated the attached memorandum by Michael W. Danielsen from the Federal Facilities Groundwater Section. The response to the Department's comments may be addressed by submitting revised pages to be inserted into the original document, or by submitting another document. If new or revised pages

are submitted, please indicate whether each submitted page is a revision to an existing page in the original document or a new page not contained in the original document. Each revised page should be coded. For example, 32(R-7/30/07) would be page 32, revised 7/30/07. In addition to revisions, please provide a summary of the comment responses and revision pages.

Please note that the Department's review is based on available information provided by the MCAS. Any information found to be contradictory to this decision might require additional action. Furthermore, the Department retains the right to request further investigation if deemed necessary.

If you have any questions regarding this issue, please contact me at (803) 896-6675 or petruslb@dhec.sc.gov.

Sincerely,

Laurel B. Petrus, Environmental Engineer Associate
Corrective Action Engineering Section

Attachments

cc: Michael W. Danielsen, Hydrogeologist
Russell Berry, EQC Region 8
Dan Owens, NAVFAC SE

D H E C
PROMOTE PROTECT PROSPER
South Carolina Department of Health
and Environmental Control

Federal Facilities
Groundwater Section
2600 Bull Street
Columbia, SC 29201
Telephone (803) 896-4000
Fax (803) 896-4002

MEMORANDUM

TO: Laurel Petrus, Environmental Engineer Associate
Corrective Action Engineering Section
Division of Waste Management
Bureau of Land and Waste Management

FROM: Michael W. Danielsen, Hydrogeologist
Federal Facilities Groundwater Section
Division of Waste Management
Bureau of Land and Waste Management

DATE: April 5, 2011

RE: Marine Corps Air Station (MCAS)
Beaufort, South Carolina
SC1 750 216 169

Report of Findings for Laurel Bay Military Housing Area
Dated July 2010 (Received July 23, 2010)

Addendum to Well Installation and Sampling Work Plan for
Laurel Bay Military Housing Area
Dated March 2011 (Received March 4, 2011)

The above referenced Findings Report provides information from the installation of 35 monitoring wells as part of an ongoing effort to remove underground residential heating oil tanks (USTs) from the Laurel Bay Military Housing Area.

The Addendum to Well Installation and Sampling Work Plan provides the proposed well installation locations and sampling recommended in the Finding Report.

The documents referenced above have been reviewed with respect to the S.C. Pollution Control Act 48-1-10 and the S.C. Hazardous Waste Management Act, and other appropriate guidance documents.

Please see the attached comments.

CC: BLWM file # 50500

Report of Findings for Laurel Bay Military Housing Area and Addendum to Well Installation and Sampling Work Plan for Laurel Bay Military Housing Area
MCAS
Federal Facilities Groundwater Section
Comments prepared by
Michael W. Danielsen April 5, 2011

Report of Findings for Laurel Bay Military Housing Area

1. **Page 11 Section 6.0, Recommendations**

This section recommends no further action (NFA), annual monitoring, or expansion of the monitoring well network as follows:

NFA for:

- 201 Balsam Street,
- 390 Acorn Drive,
- 391 Acorn Drive,
- 299 Birch Lane,
- 1118 Iris Lane,

Annual groundwater monitoring for benzene, toluene, ethylene, xylene (BTEX), naphthalene, and polyaromatic hydrocarbons (PAH) at:

- 398 Acorn Drive,
- 388 Acorn Drive,
- 441 Elderberry Lane,
- 282 Birch Road,
- 1054 Gardenia Drive,

Expansion of the monitoring well networks and performance of annual groundwater monitoring for 1-methylnapthalene, 2-methylnapthalene, and/or naphthalene at the following:

- 437 Elderberry Lane- Install three additional monitoring wells downgradient of MW133.
- 1472 Cardinal Lane- Install three additional monitoring wells sidegradient and downgradient of MW130 to bound the contaminant plume.

In addition, all new monitoring wells will be sampled for BTEX, naphthalene, and PAH.

50500

D H E C
PROMOTE PROTECT PROSPER

Bureau of Land and Waste Management
Division of Waste Management

July 5, 2012

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

Facility: Marine Corps Air Station, Beaufort
EPA ID #: SC1 750 216 169

RE: Review
Draft Report of Findings for Laurel Bay Military Housing Investigation of Potential Impacts to Groundwater from Former Heating Oil Underground Storage Tanks, Dated June 2012

282 Birch Road
388 and 398 Acorn Drive
437 and 441 Elderberry Drive
1472 Cardinal Lane
1054 Gardenia Drive

Dear Mr. Drawdy:

The South Carolina Department of Health and Environmental Control (the Department) received the above referenced Draft Report of Findings for Laurel Bay Military Housing Area on June 18, 2012. Heating oil stored in underground storage tanks (USTs) historically heated homes in Laurel Bay. The USTs are no longer used for storing heating oil, and MCAS Beaufort is currently removing these USTs and evaluating their integrity. This Report of Findings documents the installation of additional permanent monitoring wells and updates the groundwater conditions at seven homes. Limited soil sampling, permanent and temporary monitoring wells had previously shown evidence of groundwater contamination related to the heating oil USTs at the homes. The Department agrees with the recommendation to continue annual monitoring of these wells and the wells located at 391 Acorn Drive.

23a

Based on this review, the Department has generated the attached memorandum by Joe Bowers from the Federal Facilities Groundwater Section. The response to the Department's comments may be addressed by submitting revised pages to be inserted into the original document, or by submitting another document. If new or revised pages are submitted, please indicate whether each submitted page is a revision to an existing page in the original document or a new page not contained in the original document. Each revised page should be coded. For example, 32(R-7/30/07) would be page 32, revised 7/30/07. In addition to revisions, please provide a summary of the comment responses and revision pages.

Please note that the Department's review is based on available information provided by the MCAS. Any information found to be contradictory to this decision might require additional action. Furthermore, the Department retains the right to request further investigation if deemed necessary.

If you have any questions regarding this issue, please contact me at (803) 896-6675 or petruslb@dhec.sc.gov.

Sincerely,

Laurel B. Petrus, Environmental Engineer Associate
Corrective Action Engineering Section

Attachments

cc: Joe Bowers, FFGS
Russell Berry, EQC Region 8
Dan Owens, NAVFAC SE
Stephanie Warino, Tetra Tech

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment

MEMORANDUM

TO: Laurel Petrus, Environmental Engineer Associate
Corrective Action Engineering Section
Division of Waste Management
Bureau of Land and Waste Management

FROM: Joe B. Bowers, P.G., Manager
Federal Facilities Groundwater Section
Division of Hydrogeology
Bureau of Land and Waste Management

DATE: July 5, 2012

RE: Marine Corps Air Station (MCAS)
SC1 750 216 169
Beaufort County

Review of the Report of Findings for November 2011 Laurel Bay Military Housing Area, Investigation of Potential Impacts to Groundwater – Former Heating Oil Underground Storage Tanks, dated June 2012

The South Carolina Department of Health and Environmental Control (the Department) received the above referenced Report of Findings for Laurel Bay Military Housing Area on June 18, 2012. Heating oil stored in underground storage tanks (USTs) historically heated homes in Laurel Bay. The USTs are no longer used for storing heating oil, and MCAS Beaufort is currently removing these USTs and evaluating their integrity. This Report of Findings documents the installation of additional permanent monitoring wells and collection of groundwater samples from monitoring wells located adjacent to homes in Laurel Bay.

Based on review of this document, the Federal Facilities Groundwater Section did not generate any comments. The MCAS should proceed with the proposals for groundwater monitoring as outlined in this report.

Should you have any questions regarding this review, you may contact me at (803) 896-4024 or bowersjb@dhec.sc.gov.

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
2600 Bull Street • Columbia, SC 29201 • Phone: (803) 898-3432 • www.scdhec.gov

dhec
Healthy People. Healthy Communities.

December 17, 2019

Commanding Officer
Attention: NREAO Mr. Christopher L. Vaigneur
United States Marine Corps Air Station
Post Office Box 55001
Beaufort, SC 29904-5001

RE: Approval - Draft Final 2019 Groundwater Monitoring Report
Laurel Bay Military Housing Area, Multiple Properties, Beaufort, SC
(Resolution Consultants, dated October 2019)

Dear Mr. Vaigneur,

The South Carolina Department of Health and Environmental Control (DHEC) received the above referenced document on October 28, 2019. 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).

DHEC has reviewed the document and requests some additional down-gradient wells be installed at some properties. DHEC also requests a topic be added to the next Tier I Meeting to review the groundwater trends at the attached listed properties to discuss the current monitoring program and the data gaps.

No changes to this document are necessary and DHEC now considers the 2019 Groundwater Monitoring Report for the Laurel Bay Military Housing Area, Multiple Properties to be Final. DHEC agrees with the recommendation of NFA for 1132 Iris Lane.

Please note that DHEC's decision is based on information provided by the Marine Corps Air Station (MCAS) to date. Any information found to be contradictory to this may require additional action. Furthermore, DHEC retains the right to request further investigation if it is deemed necessary. If you have any questions, please contact Kent Krieg at kriegkm@dhec.sc.gov or 803-898-0255.

Sincerely,

Lisa Appel
RCRA Federal Facilities Section
Division of Waste Management

Attachment

cc: Bryan Beck, NAVFAC MIDLANT (via email)
Craig Ehde, NREAO (via email)
Shawn Dolan, AECOM (via email)
Reahnita Tuten, EQC Region 8 (via email)

Attachment: Appel to Vaigneur, Dated December 17, 2019

Re: Approval Draft Final 2019 Groundwater Monitoring Report
Laurel Bay Military Housing Area, Multiple Properties, Beaufort, SC
(Resolution Consultants, dated October 2019)

Properties to discuss the current monitoring program, and address any potential data gaps, during the next Tier I Meeting in February 2020:

285 Birch Drive	388 Acorn Drive (due to proximity of 326 Ash)
325 Ash Street	1054 Gardenia Street
326 Ash Street	1148 Iris Lane
330 Ash Street	1385 Dove Lane
343 Ash Street	1407 Eagle Lane

D H E C
PROMOTE PROTECT PROSPER

W. Marshall Taylor Jr., Acting Director
Promoting and protecting the health of the public and the environment

Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control

March 10, 2015

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

RE: Approval
Draft Final Technical Memorandum-Soil Gas Sampling Results
October 2014
Laurel Bay Military Housing Area

Dear Mr. Drawdy,

The South Carolina Department of Health and Environmental Control (the Department) received the above referenced soil gas sampling results for multiple former heating oil tank sites on February 2, 2015. During tank removal, contaminated soil had been observed at the former tank sites selected for this study. The purpose of this study was to evaluate whether the constituents observed in soil have potential for exposure and risk to residents through impacted vapor intrusion pathways. Sampling was performed at fourteen (14) former heating oil tank sites with a range of VOCs present in the soil at the time of tank removal. 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 soil gas sampling results. The Department has generated no comments on this report. 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 petruslb@dhec.sc.gov or 803-898-0294.

Sincerely,

Laurel Petrus
Department of Defense Corrective Action Section

Cc: Russell Berry, EQC Region 8
Shawn Dolan, Resolution Consultants