RAPID REFUELER A-B TANKS
2006-2007 ANNUAL MONITORING REPORT
MARINE CORPS AIR STATION, NEW RIVER
NORTH CAROLINA

Prepared for:

DEPARTMENT OF THE NAVY
Contract No. N62470-02-D-3260



Naval Facilities Engineering Command, Atlantic Division
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Task Order 0061/Shaw Project No. 119909
May 2007

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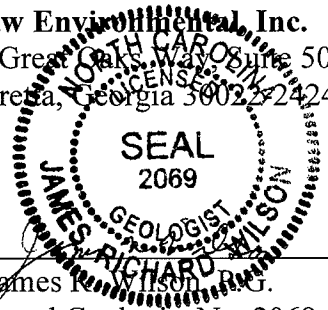
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LIST OF ACRONYMS

AFVR	Aggressive Fluid Vapor Recovery
AMR	Annual Monitoring Report
AS	Air Station
bls	Below Land Surface
CAP	Corrective Action Plan
DRO	Diesel Range Organics
EPA	Environmental Protection Agency
EPH	Extractable Petroleum Hydrocarbons
FID	Flame Ionization Detector
GCL	Gross Contamination Level
GRO	Gasoline Range Organics
GWQS	Groundwater Quality Standard
HDPE	High Density Polyethylene
IDW	Investigation Derived Waste
NAVFAC	Naval Facilities Engineering Command, Atlantic Division
MADEP	Massachusetts Department of Environmental Protection
MCB	Marine Corps Base
MMPE	Mobile Multi-Phase Extraction
NCAC	North Carolina Administrative Code
NCDENR	North Carolina Department of Environment and Natural Resources
PAHs	Polynuclear Aromatic Hydrocarbons
PVC	Poly Vinyl Chloride
RR	Rapid Refueler
Shaw	Shaw Environmental, Inc.
SVOCs	Semi-Volatile Organic Compounds
TCLP	Toxicity Characteristic Leaching Procedure
TO	Task Order
TPH	Total Petroleum Hydrocarbons
VOCs	Volatile Organic Compounds
VPH	Volatile Petroleum Hydrocarbons

1.0 INTRODUCTION

1.1 Background

Shaw Environmental Inc. (Shaw) was tasked by the Department of the Navy, Naval Facilities Engineering Command, Atlantic Division (NAVFAC) under Contract Number N62470-02-D-3260, Task Order (TO) 0061 to prepare this Annual Monitoring Report (AMR) for the Rapid Refueler A-B Tanks site located at the Marine Corps Air Station, New River, in Onslow County North Carolina. The Air Station is associated with Marine Corps Base (MCB) Camp Lejeune, which is a training base for the United States Marine Corps. The MCB covers approximately 236 square miles and includes 14 miles of coastline. MCB Camp Lejeune is bounded to the southeast by the Atlantic Ocean and the northeast by State Route 24. **Figure 1.1** presents the location of the Base depicting the vicinity of this site.

1.2 Site Description

The Rapid Refueler Tank System Site is located at the Marine Corps Air Station, New River and is responsible for providing aviation fuels to the flight line. It is located northeast of Instrument Runway 5-23. Fuel is transferred to the Rapid Refueler Tank System Site from the Campbell Street Fuel Farm, also located at the Marine Corps Air Station, New River. The location of the Rapid Refueler Tank System Site is presented in **Figure 1.2**.

The Rapid Refueler Tank System has typically been identified as two sections: section A-B is associated with Building AS-498 and section C-D is associated with structure AS-511. Several releases have been recorded from the system requiring repair and contamination removals. Camp Lejeune employed a pipe leak detection contractor who identified suspect areas using a tracer based method. One area within the A-B section was identified as requiring immediate attention. The pipeline was repaired in January 2005, immediately following discovery of the leak. The site plan map for the Rapid Refueler Tank System is presented in **Figure 1.3**.

A remedial action was initiated by Shaw Environmental, Inc. to collect and recover free phase product. A free phase product recovery trench was installed in October 2005 followed by Mobile Multi-Phase Extraction (MMPE) events from the free phase product recovery trench on a monthly basis. In addition, Aggressive Fluid Vapor Recovery (AFVR) events were conducted on monitoring wells in the site area that detected the presence of free phase product in excess of 0.05 feet thickness.

1.3 Objectives of Remediation

The objective of this remedial action was to measure and recover free phase product from the Rapid Refueler A-B Tanks area to meet the site cleanup goal of less than 0.25-inches of free phase product. Following removal of free product from the site, an evaluation of dissolved hydrocarbon contaminated groundwater will be completed to determine if additional remedial actions are required. The following work was completed at the site:

- Complete MMPE events from the recovery trench on a monthly schedule for up to one year until free product has been removed from the site.
- Continue AFVR events on monitoring wells in the vicinity that display the presence of free phase product.
- Complete semi-annual groundwater sample collection and analysis from select monitoring wells at the site to track free phase product and dissolved hydrocarbon contamination occurrence.
- Annual Monitoring Report Preparation.

2.0 GROUNDWATER MONITORING METHODS

2.1 Monitoring Well Groundwater Sample Collection

Prior to groundwater sample collection, depth to groundwater measurements were collected from each monitoring well scheduled for sampling. Groundwater samples were then collected from up to 48 existing monitoring wells in the vicinity of the Rapid Refueler Building and Building AS-511. A groundwater sample was collected from each monitoring well that did not show the presence of free phase product or exhibit any other reason that it should not be sampled.

2.1.1 October 2006 Event

During October 24 through 31, 2006, 28 groundwater monitoring wells were purged and sampled. The monitoring wells sampled were USTRR-MW05, USTRR-MW10, USTRR-MW11, USTRR-MW14, USTRR-MW15, USTRR-MW21, USTRR-MW22, USTRR-MW23, USTRR-MW3G, USTRR-MW4G, USTRR-MW6G, USTAS511-MW01 through USTAS511-MW08, USTAS527-MW04, USTAS527-MW12, USTAS527-DW06, USTAS512-MW16, USTAS497-MW01 through USTAS497-MW04, and USTAS497-MW06. Monitoring wells USTRR-MW07, USTRR-MW09, USTRR-MW12, USTRR-MW16, USTRR-MW18, USTRR-MW20, USTRR-MW1G, USTRR-MW2G, USTRR-MW5G, USTAS512-MW15, and USTAS497-MW05 were not sampled due to the presence of free phase product. Monitoring wells USTRR-MW02, USTRR-MW03, USTRR-MW17, USTRR-MW19, USTAS527-DW05 and USTAS527-MW08 were not sampled because they could not be located. Purging consisted of removing a minimum of three well volumes from each monitoring well. Groundwater samples were collected after purging using a low flow sampling technique. The samples were placed in preserved containers supplied by the laboratory. The collected samples were immediately placed in a cooler with ice and sent via overnight courier to Accutest Laboratory located in Orlando, Florida. The samples were analyzed for volatile organic compounds (VOCs) using EPA Method 601/602, semi-volatile organic compounds (SVOCs) using EPA Method 625, extractable petroleum hydrocarbons (EPH) and volatile petroleum hydrocarbons (VPH) using the TPH methods developed by the Massachusetts Department of Environmental Protection (MADEP). Copies of the groundwater sample collection field logs from the October 2006 event are provided in **Appendix A**.

2.1.2 March 2007 Event

During March 17 through 22, 2006, 37 groundwater monitoring wells were purged and sampled. The monitoring wells sampled were USTRR-MW02, USTRR-MW03, USTRR-MW05, USTRR-MW06, USTRR-MW07, USTRR-MW09, USTRR-MW10, USTRR-MW11, USTRR-MW14, USTRR-MW15, USTRR-MW17, USTRR-MW21, USTRR-MW22, USTRR-MW23, USTRR-MW3G, USTRR-MW4G, USTRR-MW6G, USTAS511-MW01 through USTAS511-MW08, USTAS527-DW02, USTAS527-MW03, USTAS527-MW04, USTAS527-MW10, USTAS527-MW12, USTAS527-DW06, USTAS512-MW16, USTAS497-MW01 through USTAS497-MW04, and USTAS497-MW06. Monitoring wells USTRR-MW12, USTRR-MW16, USTRR-MW18, USTRR-MW19, USTRR-MW20, USTRR-MW1G, USTRR-MW2G, USTRR-MW5G, USTAS512-MW15, and USTAS497-MW05 were not sampled due to the presence of free phase product. The same purging and sampling procedures were followed as in October 2006. These samples were also shipped to Accutest Laboratory for analysis of VOCs, SVOCs, EPH, and VPH. Copies of the groundwater sample collection field logs from the March 2007 event are provided in **Appendix B**.

2.2 Free Product Recovery

The following sections discuss implementation of free phase product recovery at the site. Recovered liquids (free phase product and groundwater) are transported and disposed in an MCB oil/water separator.

2.2.1 Mobile Multi-Phase Extraction (MMPE)

MMPE events have been completed in 2005 and 2006 from the recovery trench on November 8, 2005 (1,305 gallons total fluids recovered), January 19, 2006 (1,800 gallons total fluids recovered), January 27, 2006 (6,900 gallons total fluids recovered), February 10, 2006 (4,800 gallons total fluids recovered) and February 24, 2006 (5,500 gallons total fluids recovered). No additional MMPE events have been conducted since free phase product thickness has not been greater than 0.05 feet in the trench.

2.2.2 Aggressive Fluid Vapor Recovery (AFVR) Events

Monitoring wells that have displayed the presence of free phase product have been monitored on a weekly basis. If free phase product is observed in a well greater than 0.60 feet in thickness, an AFVR event is completed to remove the free phase product from the well by vacuum lift using a vacuum recovery truck. The total gallons of product recovered are calculated from liquid and vapor removal measurements of hydrocarbons from the well.

During 2006, a total of 57 AFVR events recovering 622.4 gallons of free phase product were completed at the Rapid Refueler area. The AFVR events were completed on the following monitoring wells: USTRR-MW16 (12 events, 105.3 gallons), USTRR-MW18 (31 events, 379.3 gallons), USTRR-MW20 (1 events, 9.0 gallons), USTAS497-MW05 (5 events, 39.3 gallons), and USTAS512-MW15 (8 events, 89.5 gallons). AFVR events have not been completed at monitoring wells USTRR-MW1G, USTRR-MW2G, or USTRR-MW5G since March 2005, because measurable thickness of product has not exceeded 0.60 feet since that time. AFVR events have not been completed at monitoring well USTRR-MW12 since October 2005, because measurable thickness of product has not exceeded 0.60 feet since that time. During 2006 the range of measured product thickness in each of the above monitoring wells was as follows: USTRR-MW16 (0.08 to 0.37 feet), USTRR-MW18 (0.98 to 3.41 feet), USTRR-MW20 (0.01 to 0.61 feet), USTAS497-MW05 (0.05 to 0.88 feet), and USTAS512-MW15 (0.23 to 3.22 feet).

For the first two months of 2007, an additional 87.1 gallons of free phase product have been removed during 6 AFVR events. The AFVR events completed from January 2007 through February 2007 were performed on the following monitoring wells: USTRR-MW18 (5 events, 76 gallons) and USTAS512-MW15 (1 event, 11.1 gallons). For calendar year 2007 so far the range of measured product thickness in each of these monitoring wells was as follows: USTAS512-MW15 (0.34 to 0.84 feet) and USTRR-MW18 (1.60 to 3.21 feet).

The wells will continue to be monitored for product thickness. The AFVR reports and a summary table of the AFVR reports are provided in **Appendix C**.

3.0 GROUNDWATER INVESTIGATION RESULTS

3.1 Groundwater Elevation Measurements

Groundwater elevations at select monitoring wells were measured during each groundwater sampling event in October 2006 and March 2007. Monitoring wells were resurveyed in August 2006.

3.1.1 October 2006 Gauging Event

In October 2006, depth to groundwater ranged from 3.30 feet bls (USTAS527-DW02) to 9.60 feet bls (USTAS527-MW10) in the monitoring wells that were sampled. **Table 3.1** presents groundwater elevation data for October 2006. **Figures 3.1 and 3.2** present groundwater elevation contour maps from October 2006 from the Type II (shallow) and Type III (deep) monitoring wells, respectively. Groundwater elevations for the shallow wells ranged from 14.49 feet National Geodedic Vertical Datum (NGVD) in monitoring well USTAS511-MW04 to 8.79 feet NGVD in monitoring well USTRR-MW07. The shallow groundwater flow direction is to the northeast with a hydraulic gradient of 0.0032 ft/ft. Groundwater elevations for the deep wells ranged from 18.16 feet NGVD in monitoring well USTAS527-DW02 to 11.01 feet NGVD in monitoring well USTRR-MW14. The deep groundwater flow direction is to the northeast with a hydraulic gradient of 0.0060 ft/ft. In addition, free phase product was detected in monitoring wells USTRR-MW07 (0.01 feet), USTRR-MW09 (0.01 feet), USTRR-MW12 (0.01 feet), USTRR-MW16 (0.18 feet), USTRR-MW18 (1.86 feet), USTRR-MW20 (0.11 feet), USTRR-MW1G (0.22 feet), USTRR-MW2G (sheen), USTRR-MW5G (0.01 feet), USTAS527-MW03 (0.01 feet), USTAS512-MW15 (0.56 feet), and USTAS497-MW05 (0.48 feet) during the October 2006 sampling event. The estimated extent of free phase product at the site in October 2006 is presented in **Figure 3.5**.

3.1.2 March 2007 Gauging Event

In March 2007, depth to groundwater ranged from 2.40 feet bls (USTRR-MW17) to 10.28 feet bls (USTAS527-MW04). **Table 3.2** presents groundwater elevation data for March 2007. **Figures 3.3 and 3.4** show the March 2007 groundwater elevation contours for shallow and deep wells, respectively. Groundwater elevations for the shallow wells ranged from 15.71 feet NGVD in monitoring well USTAS511-MW04 to 10.79 feet NGVD in monitoring well USTRR-MW05. The shallow groundwater flow direction is to the northeast with a hydraulic gradient of 0.0035 ft/ft. Groundwater elevations for the deep wells ranged from 17.86 feet NGVD in monitoring well USTAS527-DW02 to 11.89 feet NGVD in monitoring well USTRR-MW14. The deep groundwater flow direction is to the northeast with a

hydraulic gradient of 0.0050 ft/ft. During the March 2007 sampling event, free phase product was detected in monitoring wells USTRR-MW12 (0.04 feet), USTRR-MW16 (0.08 feet), USTRR-MW18 (3.21 feet), USTRR-MW19 (0.97 feet), USTRR-MW20 (0.05 feet), USTRR-MW1G (0.09 feet), USTRR-MW2G (0.02 feet), USTRR-MW5G (0.54 feet), USTAS512-MW15 (0.60 feet), and USTAS497-MW05 (0.19 feet). The estimated extent of free phase product at the site for March 2007 is depicted in **Figure 3.6**.

3.2 Groundwater Sampling and Analysis

Groundwater samples from select monitoring wells at the site were collected for analysis in October 2006 and March 2007.

3.2.1 October 2006 Analytical

Laboratory analysis completed on the groundwater samples from 28 monitoring wells sampled in October 2006 include the following analyses: VOCs using EPA Method 601/602, SVOCs using EPA Method 625, and EPH/VPH using MADEP Method. Analytical results are summarized below:

- *VOCs Method 601/602 Results*: Analytical results from the groundwater samples did not detect VOC compounds above the North Carolina Groundwater Quality Standard (GWQS) except for benzene (1 µg/l) and 1,4-dichlorobenzene (1.4 µg/l) which were exceeded in the following monitoring wells:
  - USTAS522-MW12 (benzene 3.2 µg/l)
  - USTRR-MW10 (benzene 7.4 µg/l)
  - USTRR-MW22 (1,4 dichlorobenzene 31.5 µg/l)

- *SVOCs Method 625 Results*: Analytical results from the groundwater samples did not detect SVOC compounds above North Carolina GWQS except for bis(2-ethylhexyl)phthalate (2.5 µg/l), 2-methylnaphthalene (14 µg/l), and naphthalene (21 µg/l) which were exceeded in the following monitoring wells:
  - USTAS497-MW01 (bis[2-ethylhexyl]phthalate 15.0 µg/l)
  - USTAS497-MW06 (bis[2-ethylhexyl]phthalate 8.6 µg/l)
  - USTAS511-MW01 (bis[2-ethylhexyl]phthalate 5.7 µg/l)
  - USTAS511-MW08 (bis[2-ethylhexyl]phthalate 3.8 J µg/l)
  - USTAS512-MW16 (2-methylnaphthalene 19.7 µg/l)
  - USTRR-MW10 (2-methylnaphthalene 86.8 µg/l; naphthalene 220 µg/l)

- USTRR-MW14 (bis[2-ethylhexyl]phthalate 53.2 µg/l)
- USTRR-MW03G (bis[2-ethylhexyl]phthalate 191 µg/l)
- USTRR-MW04G (bis[2-ethylhexyl]phthalate 8.8 µg/l)

- *MADEP EPH/VPH Results:* Analytical results from the groundwater samples for EPH/VPH compounds exceeded North Carolina GWQS for C9-C18 (4200 µg/l) and C11-C22 (210 µg/l) in the following monitoring wells:

  - USTAS497-MW06 (568 µg/l C11-C22 Aromatics [unadjusted])
  - USTAS511-MW05 (577 µg/l, C11-C22 Aromatics [unadjusted])
  - USTAS511-MW07 (218 µg/l, C11-C22 Aromatics [unadjusted])
  - USTRR-MW22 (308 µg/l, C11-C22 Aromatics [unadjusted])
  - USTAS512-MW16 (408 µg/l, C11-C22 Aromatics [unadjusted])
  - USTAS522-MW12 (790 µg/l, C11-C22 Aromatics [unadjusted])
  - USTRR-MW23 (719 µg/l, C11-C22 Aromatics [unadjusted])
  - USTRR-MW3G (309 µg/l, C11-C22 Aromatics [unadjusted])
  - USTRR-MW4G (6600 µg/l, C9-C18 Aliphatics; 979 µg/l, C11-C22 Aromatics [unadjusted])

The VOCs, SVOCs, and MADEP EPH/VPH groundwater sample analytical results from the October 2006 sampling event are provided in **Table 3.3**, and a benzene concentration contour map is presented in **Figure 3.5**. In addition, all detectable concentrations above the associated GWQS are presented in **Figure 3.7**. The VOCs and SVOCs laboratory analytical reports and the MADEP EPH/VPH laboratory analytical results from the October 2006 event are provided in **Appendix D and E**, respectively.

3.2.2 March 2007 Analytical

Laboratory analysis completed on the groundwater samples from the 37 monitoring wells sampled in March 2007 include the following analyses: VOCs using EPA Method 601/602, SVOCs using EPA Method 625, and EPH/VPH using MADEP Method. Analytical results are summarized below:

- *VOCs Method 601/602 Results*: Analytical results from the groundwater samples did not detect VOC compounds above North Carolina GWQS except for benzene (1 µg/l) and 1,2-dichlorobenzene (24 µg/l) which was exceeded in the following monitoring wells:
  - USTAS522-MW12 (benzene 3.8 µg/l)
  - USTAS527-DW02 (benzene 8.2 µg/l)
  - USTRR-MW10 (benzene 6.5 µg/l; 1,2-dichlorobenzene 28.7 µg/l)
  - USTRR-MW17 (benzene 4.6 µg/l)

- *SVOCs Method 625 Results*: Analytical results from the groundwater samples did not detect SVOC compounds above North Carolina GWQS except for bis(2-ethylhexyl)phthalate (2.5 µg/l), 2-methylnaphthalene (14 µg/l), and naphthalene (21 µg/l) were exceeded in the following monitoring wells:
  - USTRR-MW17 (bis[2-ethylhexyl]phthalate 258 µg/l; 2-methylnaphthalene 27.4 µg/l; naphthalene 73.1 µg/l)
  - USTRR-MW23 (2-methylnaphthalene 31.7 µg/l; naphthalene 45.0 µg/l)
  - USTRR-MW03G (bis[2-ethylhexyl]phthalate 4.2 J µg/l)
  - USTAS527-MW10 (naphthalene 32.8 µg/l)
  - USTAS527-MW12 (2-methylnaphthalene 84.3 µg/l; naphthalene 151 µg/l)
  - USTAS527-DW02 (2-methylnaphthalene 63.6 µg/l; naphthalene 225 µg/l)
  - USTRR-MW10 (2-methylnaphthalene 43.3 µg/l; naphthalene 137 µg/l)

- *MADEP EPH/VPH Results:* Analytical results from the groundwater samples for EPH/VPH compounds exceeded North Carolina GWQS for C11-C22 (210 µg/l) in the following monitoring wells:

  - USTAS497-MW03 (223 µg/l C11-C22 aromatics [unadjusted])
  - USTAS527-DW02 (696 µg/l, C11-C22 Aromatics [unadjusted])
  - USTAS527-MW10 (405 µg/l, C11-C22 Aromatics [unadjusted])
  - USTAS527-MW12 (697 µg/l, C11-C22 Aromatics [unadjusted])
  - USTRR-MW10 (716 µg/l, C11-C22 Aromatics [unadjusted])
  - USTRR-MW17 (575 µg/l, C11-C22 Aromatics [unadjusted])
  - USTRR-MW22 (324 µg/l, C11-C22 Aromatics [unadjusted])

The VOCs, SVOCs, and MADEP EPH/VPH groundwater sample analytical results from the March 2007 sampling event are provided in **Table 3.4** and a benzene concentration contour map is presented in **Figure 3.6**. In addition, all detectable concentrations of target compounds that exceeded their respective GWQS are presented in **Figure 3.8**. The VOCs and SVOCs laboratory analytical reports and the MADEP EPH/VPH laboratory analytical results from the March 2007 event are provided in **Appendix F and G**, respectively.

4.0 CONCLUSIONS

Work to date indicates free phase product is limited to three areas. The first area is defined by monitoring wells USTRR-MW12 and USTAS497-MW05 where the free product recovery trench is located. The second area located in the Rapid Refueler A-B Tank area is defined by monitoring wells USTRR-MW16, USTRR-MW18, USTRR-MW19, USTRR-MW20, USTRR-MW1G, USTRR-MW2G, and USTRR-MW-5G. The last area is defined by monitoring well USTAS512-MW15 adjacent to the fuel pumps.

The MMPE events at the free phase product recovery trench have been successful in removing free phase product in the area of monitoring wells USTRR-MW12 and USTAS497-MW05 from September 2005 to April 2006 reducing the thickness from 0.70 feet to a sheen in USTRR-MW12 and 2.72 to 0.63 feet in USTAS497-MW05. However, no additional MMPE events have been conducted since February 24, 2006 due to free phase product thickness not being greater than 0.05 feet in the trench or in monitoring well USTRR-MW12. The AFVR events have been successful in removing free phase product from October 2006 to March 2007 with a thickness reduction in monitoring well USTAS497-MW05 from 0.48 feet to 0.19 feet as shown in Figures 3.5 and 3.6.

Free phase product continues to persist in monitoring wells located in the Rapid Refueler A-B Tank area. The AFVR events have been successful in removing free phase product from October 2006 to March 2007, however the thickness has fluctuated in the monitoring wells USTRR-MW16 (0.18 to 0.08 feet), USTRR-MW18 (1.86 to 3.21 feet), USTRR-MW20 (0.11 to 0.05 feet), USTRR-MW1G (0.22 to 0.09 feet), USTRR-MW2G (<0.01 to 0.02 feet), and USTRR-MW-5G (0.01 to 0.54 feet). The AFVR events have been effective in reducing the free product plume size from October 2006 to March 2007 and concentrating the plume in the area of monitoring well USTRR-MW18 as shown in Figures 3.5 and 3.6.

The free phase product thickness was detected at 3.22 feet June 2006 in monitoring well USTAS512-MW15. The free phase product removal in the area of monitoring well USTAS512-MW15 (October 2006 at 0.56 feet to March 2007 at 0.60 feet) has included eight AFVR events in 2006 with 89.5 gallons of free phase product recovered. The AFVR events have been effective in reducing the size of the plume into the area of monitoring well USTAS512-MW15.

The groundwater sample analytical results completed from the monitoring wells sampled in October 2006 and March 2007 indicate a reduction in the VOCs, SVOCs, and MADEP EPH/VPH concentrations. The biggest reductions are in the areas surrounding the largest free phase product plume as shown in monitoring wells USTRR-MW10, USTRR-MW23, USTRR-MW03G, and USTRR-MW04G. This indicates that the AFVR events are reducing the dissolved constituents as well as the free product plumes.

5.0 RECOMMENDATIONS

Shaw recommends continued AFVR events at select monitoring wells that demonstrate the presence of free phase product, as needed when free product thicknesses are greater than 0.60 feet. At a minimum, the following monitoring wells will be gauged weekly for the presence of free phase product: USTRR-MW12, USTRR-MW16, USTRR-MW18, USTRR-MW20, USTRR-MW1G, USTRR-MW2G, USTRR-MW5G, USTAS512-MW15, and USTAS497-MW05. More frequent AFVR events should be performed in the area of monitoring well USTAS512-MW15 to reduce the free phase product thickness beside the fuel pumps.

Because dissolved phase hydrocarbons were detected in on-site monitoring wells, Shaw recommends the Navy complete an annual groundwater sample collection and analysis for EPA Method 602 with xylenes and MTBE, EPA Method 625 plus TICS, and MADEP EPH/VPH from up to 47 monitoring wells at the site to track free phase product and dissolved hydrocarbon contamination occurrence.

TABLES

Table 3.1
Rapid Refueler Area Air Station, New River
Well Gauging (Groundwater and Free Product)
October 2006

				10/25/2006			
Well ID	Well Diameter	DTB	TOC Elevation	DTW	DTP	Product Thickness	Groundwater elevation
RR-1	Not Located						
RR-2	2	14.07	NM	NM	0		NM
RR-3	2	13.95	NM	NM	0		NM
RR-4	Not Located						
RR-5	2	14.46	17.81	7.90	0		9.91
RR-6	2	13.08	15.55	4.40	0		11.15
RR-7	2	14.7	17.59	8.80	8.79	0.01	8.79
RR-8	Not Located						
RR-9	2	14.99	20.81	8.90	8.89	0.01	11.91
RR-10	2	14.93	17.39	6.70	0		10.69
RR-11	2	14.7	17.11	6.50	0		10.61
RR-12	2	14.95	16.86	5.66	5.65	0.01	11.2
RR-13	Not Located						
RR-14	2	48.1	17.21	6.20	0.00		11.01
RR-15	6	30.83	17.17	6.60	0.00		10.57
RR-16	4	14.1	20.01	8.54	8.36	0.18	11.47
RR-17	2	9.9	16.8	NM	0.00		NM
RR-18	4	14.55	20.9	10.29	8.43	1.86	10.61
RR-19	2	15	21.08	NM	0.00	0	NM
RR-20	2	15	21.71	8.07	7.96	0.11	13.64
RR-21	2	13.85	20.93	5.60	0		15.33
RR-22	4	14.5	21.13	7.90	SHEEN		13.23
RR-23	2	13.58	19.6	7.10	0		12.50
RR-1G	6	16.88	18.23	6.57	6.35	0.22	11.66
RR-2G	6	24.3	17.65	5.34	SHEEN		12.31
RR-3G	6	21.62	17.41	6.90	0		10.51
RR-4G	6	20.45	17.94	5.20	0		12.74
RR-5G	6	23	19.33	7.52	7.51	0.01	11.81
RR-6G	6	21.85	18.17	6.90	0		11.27
AS511-1	2	14.13	20.76	7.60	0		13.16
AS511-2	2	14.9	21.02	7.20	0		13.82
AS511-3	2	15.1	21.72	7.80	0		13.92
AS511-4	2	13.6	21.79	7.30	0		14.49
AS511-5	2	49.35	21.29	7.40	0		13.89
AS511-6	2	49.13	21	4.70	0		16.3
AS511-7	2	49.25	21.7	8.10	0		13.6
AS511-8	2	14.17	21.63	7.70	0		13.93
AS527-MW3	2	15.25	21.73	9.50	9.49	0.01	12.23
AS527-MW4	2	14.47	22.86	NM	0		NM
AS527-MW8	Not Located						
AS527-MW9	Not Located						
AS527-MW10	2	14	21.78	9.60	0		12.18
AS527-MW11	Not Located						
AS527-MW12	2	13.9	21.45	8.20	0		13.25
AS527-MW13	Not Located						
AS527-DW2	2	28.7	21.46	3.30	0		18.16
AS527-DW5	Not Located						
AS527-DW6	2	46.75	20.34	6.10	0		14.24
AS512-MW15	2	12	21.87	7.86	7.30	0.56	14.01
AS512-MW16	2	12	20.15	6.50	0		13.65
AS497-MW01	2	13.95	18.35	6.80	0		11.55
AS497-MW02	2	14.45	20.71	8.10	0		12.61
AS497-MW03	2	13.9	18.54	6.70	0		11.84
AS497-MW04	2	14	NM	6.40	0		NM
AS497-MW05	2	14	17.05	6.58	6.1	0.48	10.47
AS497-MW06	2	49.3	18.1	6.80	0		11.30

NM = Not Measured
DTB = Depth to bottom of well (feet)
DTP = Depth to product (feet)
Monitoring Wells were Resurveyed in August 2006

Table 3.2
Rapid Refueler Area Air Station, New River
Well Gauging (Groundwater and Free Product)
March 2007

				3/19/2007			
Well ID	Well Diameter	DTB	TOC Elevation	DTW	DTP	Product Thickness	Groundwater elevation
RR-1	Not Located						
RR-2	2	14.07	NM	4.42			NM
RR-3	2	13.95	NM	4.85			NM
RR-4	Not Located						
RR-5	2	14.46	17.81	7.02			10.79
RR-6	2	13.08	15.55	4.00			11.55
RR-7	2	14.7	17.59	6.40			11.19
RR-8	Not Located						
RR-9	2	14.99	20.81	8.38			12.43
RR-10	2	14.93	17.39	6.33			11.06
RR-11	2	14.7	17.11	6.20			10.91
RR-12	2	14.95	16.86	4.96	4.92	0.04	11.9
RR-13	Not Located						
RR-14	2	48.1	17.21	5.32			11.89
RR-15	6	30.83	17.17	6.25			10.92
RR-16	4	14.1	20.01	8.28	8.20	0.08	11.73
RR-17	2	9.9	16.8	2.40			NM
RR-18	4	14.55	20.9	10.92	7.71	3.21	9.98
RR-19	2	15	21.08	7.79	6.82	0.97	NM
RR-20	2	15	21.71	7.30	7.25	0.05	14.41
RR-21	2	13.85	20.93	4.23			16.70
RR-22	4	14.5	21.13	7.47			13.66
RR-23	2	13.58	19.6	6.55			13.05
RR-1G	6	16.88	18.23	5.91	5.80	0.09	12.32
RR-2G	6	24.3	17.65	5.13	5.11	0.02	12.52
RR-3G	6	21.62	17.41	6.50			10.91
RR-4G	6	20.45	17.94	5.67			12.27
RR-5G	6	23	19.33	7.51	6.97	0.54	11.82
RR-6G	6	21.85	18.17	6.45			11.72
AS511-1	2	14.13	20.76	6.22			14.54
AS511-2	2	14.9	21.02	6.55			14.47
AS511-3	2	15.1	21.72	6.97			14.75
AS511-4	2	13.6	21.79	6.08			15.71
AS511-5	2	49.35	21.29	7.22			14.07
AS511-6	2	49.13	21	6.94			14.06
AS511-7	2	49.25	21.7	7.45			14.25
AS511-8	2	14.17	21.63	6.58			15.05
AS527-MW3	2	15.25	21.73	9.57			12.16
AS527-MW4	2	14.47	22.86	10.28			12.58
AS527-MW8	Not Located						
AS527-MW9	Not Located						
AS527-MW10	2	14	21.78	8.11			13.67
AS527-MW11	Not Located						
AS527-MW12	2	13.9	21.45	7.50			13.95
AS527-MW13	Not Located						
AS527-DW2	2	28.7	21.46	3.6			17.86
AS527-DW5	Not Located						
AS527-DW6	2	46.75	20.34	4.12			16.22
AS512-MW15	2	12	21.87	7.30	6.70	0.60	NM
AS512-MW16	2	12	20.15	5.86			14.29
AS497-MW01	2	13.95	18.35	5.55			12.80
AS497-MW02	2	14.45	20.71	7.65			13.06
AS497-MW03	2	13.9	18.54	5.97			12.57
AS497-MW04	2	14	NM	6.09			NM
AS497-MW05	2	14	17.05	5.72	5.53	0.19	11.33
AS497-MW06	2	49.3	18.1	6.13	0		11.97

M

NM = Not Measured
DTB = Depth to bottom of well (feet)
DTP = Depth to product (feet)
Monitoring Wells were Resurveyed in August 2006

Table 3.3
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
October 2006

Date: 12/6/2006			Project Number and Name: 119909 MCAS-Rapid Refueler																	
Analytical Method:			602								625 (8270C)									
Contaminant of Concern			Benzene	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Xylenes (total)	Benzoic acid	2-Chlorophenol	4-Chloro-3-methylphenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	4,6-Dinitro-o-cresol	2-Methylphenol	3&4-Methylphenol	2-Nitrophenol
Sample ID	Date Collected	Depth to Water (ft)																			
USTAS497-MW01 (Accutest F44722-4)	10/24/2006	6.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
USTAS497-MW02 (Accutest F44798-1)	10/25/2006	8.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.1**	<3.0	<24	<4.8	<4.8	<4.8	<4.8	<24	<9.5	<4.8	<4.8	<4.8
USTAS497-MW03 (Accutest F44722-2)	10/24/2006	6.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<24	<4.8	<4.8	<4.8	<4.8	<24	<9.6	<4.8	<4.8	<4.8
USTAS497-MW04 (Accutest F44722-1)	10/24/2006	6.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<26	<5.3	<5.3	<5.3	<5.3	<26	<11	<5.3	<5.3	<5.3
USTAS497-MW06 (Accutest F44722-3)	10/24/2006	6.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.76 J**	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
		GWQS (ug/L)	1	50	24	170	1.4	550	200	1000	530	28000	NS	NS	NS	140	NS	NS	NS	NS	NS
		GCL (ug/L)	5000	NS	72500	61500	39500	29000	200000	257500	87500	1450000	NS	NS	NS	140000	NS	NS	NS	NS	NS

Date: 12/6/2006			Project Number and Name: 119909 MCAS-Rapid Refueler																	
Analytical Method:			625 (8270C)																	
Contaminant of Concern			Chrysene	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Chlorophenyl phenyl ether	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	3,3'-Dichlorobenzidine	Dibenzo(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	Bis(2-ethylhexyl)phthalate	Fluoranthene
Sample ID	Date Collected	Depth to Water (ft)																			
USTAS497-MW01 (Accutest F44722-4)	10/24/2006	6.8	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	15	<5.0
USTAS497-MW02 (Accutest F44798-1)	10/25/2006	8.1	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
USTAS497-MW03 (Accutest F44722-2)	10/24/2006	6.7	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
USTAS497-MW04 (Accutest F44722-1)	10/24/2006	6.4	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
USTAS497-MW06 (Accutest F44722-3)	10/24/2006	6.8	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	8.6	<5.0
		GWQS (ug/L)	4.79	NS	0.031	NS	NS	24	170	1.4	NS	NS	NS	0.0047	28	NS	NS	NS	NS	2.5	280
		GCL (ug/L)	0.8	NS	31	NS	NS	24000	61500	39500	NS	NS	NS	0.25	28000	NS	NS	NS	NS	2500	280

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.3
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
October 2006

Date: 12/6/2006			Project Number and Name: 119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP VPH	
Contaminant of Concern			4-Nitrophenol	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	4-Bromophenyl phenyl et	Butyl benzyl phthalate	Benzyl alcohol	2-Chloronaphthalene	4-Chloroaniline	Carbazole	C5- C8 Aliphatics (Unadj	C9- C12 Aliphatics (Unad	C9- C10 Aromatics (Una
Sample ID	Date Collected	Depth to Water (ft)																					
USTAS497-MW01 (Accutest F44722-4)	10/24/2006	6.8	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	<55	<20
USTAS497-MW02 (Accutest F44798-1)	10/25/2006	8.1	<24	<24	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<75	<55	<20
USTAS497-MW03 (Accutest F44722-2)	10/24/2006	6.7	<24	<24	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<75	<55	<20
USTAS497-MW04 (Accutest F44722-1)	10/24/2006	6.4	<26	<26	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<75	<55	<20
USTAS497-MW06 (Accutest F44722-3)	10/24/2006	6.8	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	**332**	**219**
		GWQS (ug/L)	NS	0.29	300	NS	NS	80	210	2100	0.0479	0.00479	0.0479	210	0.479	NS	100	NS	NS	NS	NS	420	NS	NS
		GCL (ug/L)	NS	290	300000	NS	NS	2120	1965	2100	22	1.5	0.6	210	0.47	NS	NS	NS	NS	NS	NS	NS	NS	NS

Date: 12/6/2006			Project Number and Name: 119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP-EPH-98-1	
Contaminant of Concern			Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Naphthalene	Nitrobenzene	N-Nitroso-di-n-propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	C11-C22 Aromatics (Unadj	C9-C18 Aliphatics	C19-C36 Aliphatics
Sample ID	Date Collected	Depth to Water (ft)																					
USTAS497-MW01 (Accutest F44722-4)	10/24/2006	6.8	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**169 J**	<200	<200
USTAS497-MW02 (Accutest F44798-1)	10/25/2006	8.1	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<190	<190	<190
USTAS497-MW03 (Accutest F44722-2)	10/24/2006	6.7	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<9.6	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	**154 J**	<200	<200
USTAS497-MW04 (Accutest F44722-1)	10/24/2006	6.4	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<11	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<200	<200	<200
USTAS497-MW06 (Accutest F44722-3)	10/24/2006	6.8	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**568**	**1550**	<200
		GWQS (ug/L)	280	NS	0.44	NS	NS	0.0479	NS	14	NS	NS	NS	21	NS	NS	NS	210	210	70	210	4200	42000
		GCL (ug/L)	950	NS	440	NS	NS	31	NS	12500	NS	NS	NS	15500	NS	NS	NS	410	210	9500	NS	NS	NS

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.3
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
October 2006

Date: 12/6/2006			Project Number and Name: 119909 MCAS-Rapid Refueler																	
Analytical Method:			602								625 (8270C)									
Contaminant of Concern			Benzene	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Xylenes (total)	Benzoic acid	2-Chlorophenol	4-Chloro-3-methylphenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	4,6-Dinitro-o-cresol	2-Methylphenol	3&4-Methylphenol	2-Nitrophenol
Sample ID	Date Collected	Depth to Water (ft)																			
USTAS511-MW1 (Accutest F44826-4)	10/27/2006	7.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<24	<4.8	<4.8	<4.8	<4.8	<24	<9.6	<4.8	<4.8	<4.8
USTAS511-MW2 (Accutest F44826-3)	10/27/2006	7.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
USTAS511-MW03 (AccutestF44798-4 and F44942-6)	10/26/2006 10/31/2006	7.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<9.9	<5.0	<5.0	<5.0
USTAS511-MW04 (Accutest F44798-7)	10/26/2006	7.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<4.9	<4.9	<4.9	<4.9	<25	<9.8	<4.9	<4.9	<4.9
USTAS511-MW5 (Accutest F44826-5)	10/27/2006	7.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<4.9	<4.9	<4.9	<4.9	<25	<9.8	<4.9	<4.9	<4.9
		GWQS (ug/L)	1	50	24	170	1.4	550	200	1000	530	28000	NS	NS	NS	140	NS	NS	NS	NS	NS
		GCL (ug/L)	5000	NS	72500	61500	39500	29000	200000	257500	87500	1450000	NS	NS	NS	140000	NS	NS	NS	NS	NS

Date: 12/6/2006			Project Number and Name: 119909 MCAS-Rapid Refueler																	
Analytical Method:			625 (8270C)																	
Contaminant of Concern			Chrysene	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Chlorophenyl phenyl ether	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	3,3'-Dichlorobenzidine	Dibenzo(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	Bis(2-ethylhexyl)phthalate	Fluoranthene
Sample ID	Date Collected	Depth to Water (ft)																			
USTAS511-MW1 (Accutest F44826-4)	10/27/2006	7.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	5.7	<4.8
USTAS511-MW2 (Accutest F44826-3)	10/27/2006	7.2	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
USTAS511-MW03 (AccutestF44798-4 and F44942-6)	10/26/2006 10/31/2006	7.8	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<9.9	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
USTAS511-MW04 (Accutest F44798-7)	10/26/2006	7.3	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
USTAS511-MW5 (Accutest F44826-5)	10/27/2006	7.4	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
		GWQS (ug/L)	4.79	NS	0.031	NS	NS	24	170	1.4	NS	NS	NS	0.0047	28	NS	NS	NS	NS	2.5	280
		GCL (ug/L)	0.8	NS	31	NS	NS	24000	61500	39500	NS	NS	NS	0.25	28000	NS	NS	NS	NS	2500	280

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.3
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
October 2006

Date:	12/6/2006		Project Number and Name:	119909 MCAS-Rapid Refueler																			
Analytical Method:			625 (8270C)																		MADEP VPH		
Contaminant of Concern			4-Nitrophenol	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	4-Bromophenyl phenyl et	Butyl benzyl phthalate	Benzyl alcohol	2-Chloronaphthalene	4-Chloroaniline	Carbazole	C5- C8 Aliphatics (Unadj	C9- C12 Aliphatics (Unad	C9- C10 Aromatics (Una
Sample ID	Date Collected	Depth to Water (ft)																					
USTAS511-MW1 (Accutest F44826-4)	10/27/2006	7.6	<24	<24	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<75	<55	**31.5**
USTAS511-MW2 (Accutest F44826-3)	10/27/2006	7.2	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	<55	<20
USTAS511-MW03 (AccutestF44798-4 and F44942-6)	10/26/2006 10/31/2006	7.8	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<9.9	<5.0	<75	<55	<20
USTAS511-MW04 (Accutest F44798-7)	10/26/2006	7.3	<25	<25	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<75	<55	<20
USTAS511-MW5 (Accutest F44826-5)	10/27/2006	7.4	<25	<25	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<75	<55	<20
		GWQS (ug/L)	NS	0.29	300	NS	NS	80	210	2100	0.0479	0.00479	0.0479	210	0.479	NS	100	NS	NS	NS	NS	420	NS	NS
		GCL (ug/L)	NS	290	300000	NS	NS	2120	1965	2100	22	1.5	0.6	210	0.47	NS	NS	NS	NS	NS	NS	NS	NS	NS

Date:	12/6/2006		Project Number and Name:	119909 MCAS-Rapid Refueler																			
Analytical Method:			625 (8270C)																		MADEP-EPH-98-1		
Contaminant of Concern			Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Naphthalene	Nitrobenzene	N-Nitroso-di-n-propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	C11-C22 Aromatics (Unadj	C9-C18 Aliphatics	C19-C36 Aliphatics
Sample ID	Date Collected	Depth to Water (ft)																					
USTAS511-MW1 (Accutest F44826-4)	10/27/2006	7.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<9.6	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	**172 J**	<200	<200
USTAS511-MW2 (Accutest F44826-3)	10/27/2006	7.2	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<200	<200	<200
USTAS511-MW03 (AccutestF44798-4 and F44942-6)	10/26/2006 10/31/2006	7.8	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<9.9	<9.9	<9.9	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**153 J**	<200	<200
USTAS511-MW04 (Accutest F44798-7)	10/26/2006	7.3	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<9.8	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	**157 J**	<190	<190
USTAS511-MW5 (Accutest F44826-5)	10/27/2006	7.4	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	**2.5 J**	<4.9	<9.8	<9.8	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	577	**204**	<190
		GWQS (ug/L)	280	NS	0.44	NS	NS	0.0479	NS	14	NS	NS	NS	21	NS	NS	NS	210	210	70	210	4200	42000
		GCL (ug/L)	950	NS	440	NS	NS	31	NS	12500	NS	NS	NS	15500	NS	NS	NS	410	210	9500	NS	NS	NS

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.3
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
October 2006

Date:	12/6/2006		Project Number and Name:	119909 MCAS-Rapid Refueler																		
Analytical Method:			602									625 (8270C)										
Contaminant of Concern			Benzene	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Xylenes (total)	Benzoic acid	2-Chlorophenol	4-Chloro-3-methylphenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	4,6-Dinitro-o-cresol	2-Methylphenol	3&4-Methylphenol	2-Nitrophenol
Sample ID	Date Collected	Depth to Water (ft)																				
USTAS511-MW06 (Accutest F44826-2)	10/27/2006	7.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<4.9	<4.9	<4.9	<4.9	<25	<9.8	<4.9	<4.9	<4.9
USTAS511-MW07 (AccutestF44798-5)	10/26/2006	8.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<4.9	<4.9	<4.9	<4.9	<25	<9.8	<4.9	<4.9	<4.9
USTAS511-MW08 (Accutest F44798-6)	10/26/2006	7.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<24	<4.8	<4.8	<4.8	<4.8	<24	<9.5	<4.8	<4.8	<4.8
USTRR-MW22 (Accutest F44826-1)	10/27/2006	7.9	**0.54 J**	<1.0	**14.6**	**7.0**	**31.5**	**5.6**	<1.0	**0.69 J**	**10.4**	<25	<4.9	<4.9	<4.9	<4.9	<25	<9.8	<4.9	<4.9	<4.9
USTAS512-MW16 (Accutest F44798-3)	10/26/2006	6.5	<1.0	<1.0	<1.0	<1.0	<1.0	**2.8**	<1.0	<1.0	**5.6**	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
		GWQS (ug/L)	1	50	24	170	1.4	550	200	1000	530	28000	NS	NS	NS	140	NS	NS	NS	NS	NS
		GCL (ug/L)	5000	NS	72500	61500	39500	29000	200000	257500	87500	1450000	NS	NS	NS	140000	NS	NS	NS	NS	NS

Date:	12/6/2006		Project Number and Name:	119909 MCAS-Rapid Refueler																		
Analytical Method:			625 (8270C)																			
Contaminant of Concern			Chrysene	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Chlorophenyl phenyl ether	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	3,3'-Dichlorobenzidine	Dibenzo(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	Bis(2-ethylhexyl)phthalate	Fluoranthene
Sample ID	Date Collected	Depth to Water (ft)																				
USTAS511-MW06 (Accutest F44826-2)	10/27/2006	7.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
USTAS511-MW07 (AccutestF44798-5)	10/26/2006	8.1	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
USTAS511-MW08 (Accutest F44798-6)	10/26/2006	7.7	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	**3.8 J**	<4.8
USTRR-MW22 (Accutest F44826-1)	10/27/2006	7.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
USTAS512-MW16 (Accutest F44798-3)	10/26/2006	6.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
		GWQS (ug/L)	4.79	NS	0.031	NS	NS	24	170	1.4	NS	NS	NS	0.0047	28	NS	NS	NS	NS	2.5	280
		GCL (ug/L)	0.8	NS	31	NS	NS	24000	61500	39500	NS	NS	NS	0.25	28000	NS	NS	NS	NS	2500	280

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.3
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
October 2006

Date:	12/6/2006		Project Number and Name:	119909 MCAS-Rapid Refueler																					
Analytical Method:			625 (8270C)																				MADEP VPH		
Contaminant of Concern			4-Nitrophenol	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	4-Bromophenyl phenyl et	Butyl benzyl phthalate	Benzyl alcohol	2-Chloronaphthalene	4-Chloroaniline	Carbazole	C5- C8 Aliphatics (Unadj	C9- C12 Aliphatics (Unad	C9- C10 Aromatics (Una
Sample ID	Date Collected	Depth to Water (ft)																							
USTAS511-MW06 (Accutest F44826-2)	10/27/2006	7.7	<25	<25	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<75	<55	<20
USTAS511-MW07 (AccutestF44798-5)	10/26/2006	8.1	<25	<25	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<75	<55	<20
USTAS511-MW08 (Accutest F44798-6)	10/26/2006	7.7	<24	<24	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<75	<55	<20
USTRR-MW22 (Accutest F44826-1)	10/27/2006	7.9	<25	<25	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<75	**632**	**431**
USTAS512-MW16 (Accutest F44798-3)	10/26/2006	6.5	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	**309**	**290**
		GWQS (ug/L)	NS	0.29	300	NS	NS	80	210	2100	0.0479	0.00479	0.0479	210	0.479	NS	100	NS	NS	NS	NS	420	NS	NS
		GCL (ug/L)	NS	290	300000	NS	NS	2120	1965	2100	22	1.5	0.6	210	0.47	NS	NS	NS	NS	NS	NS	NS	NS	NS

Date:	12/6/2006		Project Number and Name:	119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP-EPH-98-1		
Contaminant of Concern			Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Naphthalene	Nitrobenzene	N-Nitroso-di-n-propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	C11-C22 Aromatics (Unadj	C9-C18 Aliphatics	C19-C36 Aliphatics
Sample ID	Date Collected	Depth to Water (ft)																						
USTAS511-MW06 (Accutest F44826-2)	10/27/2006	7.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	**1.2 J**	<4.9	<9.8	<9.8	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	**160 J**	<200	<200
USTAS511-MW07 (AccutestF44798-5)	10/26/2006	8.1	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<9.8	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	**218**	<200	<200
USTAS511-MW08 (Accutest F44798-6)	10/26/2006	7.7	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<200	<200	<200
USTRR-MW22 (Accutest F44826-1)	10/27/2006	7.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<9.8	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	**308**	**565**	<200
USTAS512-MW16 (Accutest F44798-3)	10/26/2006	6.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**19.7**	<10	<10	<10	**20.5**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**408**	<200	<200
		GWQS (ug/L)	280	NS	0.44	NS	NS	0.0479	NS	14	NS	NS	NS	21	NS	NS	NS	210	210	70	210	4200	42000
		GCL (ug/L)	950	NS	440	NS	NS	31	NS	12500	NS	NS	NS	15500	NS	NS	NS	410	210	9500	NS	NS	NS

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
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J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.3
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
October 2006

Date:	12/6/2006		Project Number and Name:	119909 MCAS-Rapid Refueler																		
Analytical Method:			602									625 (8270C)										
Contaminant of Concern			Benzene	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Xylenes (total)	Benzoic acid	2-Chlorophenol	4-Chloro-3-methylphenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	4,6-Dinitro-o-cresol	2-Methylphenol	3&4-Methylphenol	2-Nitrophenol
Sample ID	Date Collected	Depth to Water (ft)																				
USTAS527-DW06 (Accutest F44838-7)	10/30/2006	6.1	**0.66 J**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<24	<4.8	<4.8	<4.8	<4.8	<24	<9.5	<4.8	<4.8	<4.8
USTAS522-MW12 (Accutest F44798-2)	10/26/2006	8.2	**3.2**	<1.0	<1.0	<1.0	<1.0	**15.4**	**2.1**	<1.0	**5.5**	<25	<4.9	<4.9	<4.9	<4.9	<25	<9.8	<4.9	<4.9	<4.9
USTAS522-MW04 (Accutest F44942-5)	10/31/2006	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<28	<5.6	<5.6	<5.6	<5.6	<28	<11	<5.6	<5.6	<5.6
USTRR-MW05 (Accutest F44838-4)	10/30/2006	7.9	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
USTRR-MW10 (Accutest F44838-5)	10/30/2006	6.7	**7.4**	<1.0	<1.0	<1.0	<1.0	**59.6**	**1.4**	<1.0	**20.4**	<25	<4.9	<4.9	<4.9	<4.9	<25	<9.8	<4.9	<4.9	<4.9
		GWQS (ug/L)	1	50	24	170	1.4	550	200	1000	530	28000	NS	NS	NS	140	NS	NS	NS	NS	NS
		GCL (ug/L)	5000	NS	72500	61500	39500	29000	200000	257500	87500	1450000	NS	NS	NS	140000	NS	NS	NS	NS	NS

Date:	12/6/2006		Project Number and Name:	119909 MCAS-Rapid Refueler																		
Analytical Method:			625 (8270C)																			
Contaminant of Concern			Chrysene	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Chlorophenyl phenyl ether	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	3,3'-Dichlorobenzidine	Dibenzo(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	Bis(2-ethylhexyl)phthalate	Fluoranthene
Sample ID	Date Collected	Depth to Water (ft)																				
USTAS527-DW06 (Accutest F44838-7)	10/30/2006	6.1	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
USTAS522-MW12 (Accutest F44798-2)	10/26/2006	8.2	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
USTAS522-MW04 (Accutest F44942-5)	10/31/2006	NA	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
USTRR-MW05 (Accutest F44838-4)	10/30/2006	7.9	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
USTRR-MW10 (Accutest F44838-5)	10/30/2006	6.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	**1.8 J**	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
		GWQS (ug/L)	4.79	NS	0.031	NS	NS	24	170	1.4	NS	NS	NS	0.0047	28	NS	NS	NS	NS	2.5	280
		GCL (ug/L)	0.8	NS	31	NS	NS	24000	61500	39500	NS	NS	NS	0.25	28000	NS	NS	NS	NS	2500	280

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.3
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
October 2006

Date: 12/6/2006			Project Number and Name: 119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP VPH	
Contaminant of Concern			4-Nitrophenol	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	4-Bromophenyl phenyl et	Butyl benzyl phthalate	Benzyl alcohol	2-Chloronaphthalene	4-Chloroaniline	Carbazole	C5- C8 Aliphatics (Unadj	C9- C12 Aliphatics (Unad	C9- C10 Aromatics (Una
Sample ID	Date Collected	Depth to Water (ft)																					
USTAS527-DW06 (Accutest F44838-7)	10/30/2006	6.1	<24	<24	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<75	<55	<20
USTAS522-MW12 (Accutest F44798-2)	10/26/2006	8.2	<25	<25	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<380	**922**	**1050**
USTAS522-MW04 (Accutest F44942-5)	10/31/2006	NA	<28	<28	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<75	<55	<20
USTRR-MW05 (Accutest F44838-4)	10/30/2006	7.9	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	**43 J**	**38.1**
USTRR-MW10 (Accutest F44838-5)	10/30/2006	6.7	<25	<25	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<75	**783**	**590**
		GWQS (ug/L)	NS	0.29	300	NS	NS	80	210	2100	0.0479	0.00479	0.0479	210	0.479	NS	100	NS	NS	NS	NS	420	NS	NS
		GCL (ug/L)	NS	290	300000	NS	NS	2120	1965	2100	22	1.5	0.6	210	0.47	NS	NS	NS	NS	NS	NS	NS	NS	NS

Date: 12/6/2006			Project Number and Name: 119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP-EPH-98-1	
Contaminant of Concern			Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Naphthalene	Nitrobenzene	N-Nitroso-di-n-propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	C11-C22 Aromatics (Unadj	C9-C18 Aliphatics	C19-C36 Aliphatics
Sample ID	Date Collected	Depth to Water (ft)																					
USTAS527-DW06 (Accutest F44838-7)	10/30/2006	6.1	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	**176 J**	<190	<190
USTAS522-MW12 (Accutest F44798-2)	10/26/2006	8.2	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	**83.9**	<9.8	<9.8	<9.8	**126**	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	790	<190	<190
USTAS522-MW04 (Accutest F44942-5)	10/31/2006	NA	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<11	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<200	<200	<200
USTRR-MW05 (Accutest F44838-4)	10/30/2006	7.9	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<10	**3.6 J**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**173 J**	**248**	<200
USTRR-MW10 (Accutest F44838-5)	10/30/2006	6.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	86.8	<9.8	<9.8	<9.8	220	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	**166 J**	<200	<200
		GWQS (ug/L)	280	NS	0.44	NS	NS	0.0479	NS	14	NS	NS	NS	21	NS	NS	NS	210	210	70	210	4200	42000
		GCL (ug/L)	950	NS	440	NS	NS	31	NS	12500	NS	NS	NS	15500	NS	NS	NS	410	210	9500	NS	NS	NS

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.3
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
October 2006

Date: 12/6/2006			Project Number and Name: 119909 MCAS-Rapid Refueler																		
Analytical Method:			602								625 (8270C)										
Contaminant of Concern			Benzene	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Xylenes (total)	Benzoic acid	2-Chlorophenol	4-Chloro-3-methylphenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	4,6-Dinitro-o-cresol	2-Methylphenol	3&4-Methylphenol	2-Nitrophenol
Sample ID	Date Collected	Depth to Water (ft)																			
USTRR-MW11 (Accutest F44838-3)	10/30/2006	6.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<24	<4.8	<4.8	<4.8	<4.8	<24	<9.5	<4.8	<4.8	<4.8
USTRR-MW14 (Accutest F44838-2)	10/30/2006	6.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<24	<4.8	<4.8	<4.8	<4.8	<24	<9.5	<4.8	<4.8	<4.8
USTRR-MW15 (AccutestF44838-1)	10/30/2006	6.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<4.9	<4.9	<4.9	<4.9	<25	<9.8	<4.9	<4.9	<4.9
USTRR-MW21 (Accutest F44942-4)	10/31/2006	5.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<4.9	<4.9	<4.9	<4.9	<25	<9.8	<4.9	<4.9	<4.9
USTRR-MW23 (AccutestF44942-3)	10/31/2006	7.1	**0.53 J**	<1.0	<1.0	<1.0	<1.0	**18.9**	<1.0	<1.0	**8.8**	<24	<4.9	<4.9	<4.9	<4.9	<24	<9.7	<4.9	<4.9	<4.9
		GWQS (ug/L)	1	50	24	170	1.4	550	200	1000	530	28000	NS	NS	NS	140	NS	NS	NS	NS	NS
		GCL (ug/L)	5000	NS	72500	61500	39500	29000	200000	257500	87500	1450000	NS	NS	NS	140000	NS	NS	NS	NS	NS

Date: 12/6/2006			Project Number and Name: 119909 MCAS-Rapid Refueler																		
Analytical Method:			625 (8270C)																		
Contaminant of Concern			Chrysene	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Chlorophenyl phenyl ether	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	3,3'-Dichlorobenzidine	Dibenzo(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	Bis(2-ethylhexyl)phthalate	Fluoranthene
Sample ID	Date Collected	Depth to Water (ft)																			
USTRR-MW11 (Accutest F44838-3)	10/30/2006	6.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
USTRR-MW14 (Accutest F44838-2)	10/30/2006	6.2	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	53.2	<4.8
USTRR-MW15 (AccutestF44838-1)	10/30/2006	6.6	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9	**30.5**	<4.9	<4.9	<4.9
USTRR-MW21 (Accutest F44942-4)	10/31/2006	5.6	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
USTRR-MW23 (AccutestF44942-3)	10/31/2006	7.1	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
		GWQS (ug/L)	4.79	NS	0.031	NS	NS	24	170	1.4	NS	NS	NS	0.0047	28	NS	NS	NS	NS	2.5	280
		GCL (ug/L)	0.8	NS	31	NS	NS	24000	61500	39500	NS	NS	NS	0.25	28000	NS	NS	NS	NS	2500	280

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.3
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
October 2006

Date:	12/6/2006		Project Number and Name:	119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP VPH		
Contaminant of Concern			4-Nitrophenol	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	4-Bromophenyl phenyl et	Butyl benzyl phthalate	Benzyl alcohol	2-Chloronaphthalene	4-Chloroaniline	Carbazole	C5- C8 Aliphatics (Unadj	C9- C12 Aliphatics (Unad	C9- C10 Aromatics (Una
Sample ID	Date Collected	Depth to Water (ft)																						
USTRR-MW11 (Accutest F44838-3)	10/30/2006	6.5	<24	<24	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<75	**36.4 J**	**38.6**
USTRR-MW14 (Accutest F44838-2)	10/30/2006	6.2	<24	<24	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<75	**122**	**81.2**
USTRR-MW15 (AccutestF44838-1)	10/30/2006	6.6	<25	<25	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<75	<55	<20
USTRR-MW21 (Accutest F44942-4)	10/31/2006	5.6	<25	<25	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<75	<55	<20
USTRR-MW23 (AccutestF44942-3)	10/31/2006	7.1	<24	<24	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<150	**698**	**602**
		GWQS (ug/L)	NS	0.29	300	NS	NS	80	210	2100	0.0479	0.00479	0.0479	210	0.479	NS	100	NS	NS	NS	NS	420	NS	NS
		GCL (ug/L)	NS	290	300000	NS	NS	2120	1965	2100	22	1.5	0.6	210	0.47	NS	NS	NS	NS	NS	NS	NS	NS	NS

Date:	12/6/2006		Project Number and Name:	119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP-EPH-98-1		
Contaminant of Concern			Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Naphthalene	Nitrobenzene	N-Nitroso-di-n-propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	C11-C22 Aromatics (Unadj	C9-C18 Aliphatics	C19-C36 Aliphatics
Sample ID	Date Collected	Depth to Water (ft)																						
USTRR-MW11 (Accutest F44838-3)	10/30/2006	6.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<190	<190	<190
USTRR-MW14 (Accutest F44838-2)	10/30/2006	6.2	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	**2.8 J**	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<200	**495**	<200
USTRR-MW15 (AccutestF44838-1)	10/30/2006	6.6	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<9.8	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<200	<200	<200
USTRR-MW21 (Accutest F44942-4)	10/31/2006	5.6	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<9.8	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<200	<200	<200
USTRR-MW23 (AccutestF44942-3)	10/31/2006	7.1	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<9.7	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	719	**905**	<200
		GWQS (ug/L)	280	NS	0.44	NS	NS	0.0479	NS	14	NS	NS	NS	21	NS	NS	NS	210	210	70	210	4200	42000
		GCL (ug/L)	950	NS	440	NS	NS	31	NS	12500	NS	NS	NS	15500	NS	NS	NS	410	210	9500	NS	NS	NS

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
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Results must be reported in ug/L
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Table 3.3
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
October 2006

Date:	12/6/2006		Project Number and Name:	119909 MCAS-Rapid Refueler																		
Analytical Method:				602										625 (8270C)								
Contaminant of Concern				Benzene	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Xylenes (total)	Benzoic acid	2-Chlorophenol	4-Chloro-3-methylphenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	4,6-Dinitro-o-cresol	2-Methylphenol	3&4-Methylphenol	2-Nitrophenol
Sample ID	Date Collected	Depth to Water (ft)																				
USTRR-MW03G (AccutestF44838-6)	10/30/2006	6.9		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<24	<4.8	<4.8	<4.8	<4.8	<24	<9.5	<4.8	<4.8	<4.8
USTRR-MW04G (Accutest F44942-2)	10/31/2006	5.2		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<24	<4.8	<4.8	<4.8	<4.8	<24	<9.5	<4.8	<4.8	<4.8
USTRR-MW06G (Accutest F44942-1)	10/31/2006	6.9		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<24	<4.8	<4.8	<4.8	<4.8	<24	<9.5	<4.8	<4.8	<4.8
			GWQS (ug/L)	1	50	24	170	1.4	550	200	1000	530	28000	NS	NS	NS	140	NS	NS	NS	NS	NS
			GCL (ug/L)	5000	NS	72500	61500	39500	29000	200000	257500	87500	1450000	NS	NS	NS	140000	NS	NS	NS	NS	NS

Date:	12/6/2006		Project Number and Name:	119909 MCAS-Rapid Refueler																		
Analytical Method:				625 (8270C)																		
Contaminant of Concern				Chrysene	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Chlorophenyl phenyl ether	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	3,3'-Dichlorobenzidine	Dibenzo(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	Bis(2-ethylhexyl)phthalate	Fluoranthene
Sample ID	Date Collected	Depth to Water (ft)																				
USTRR-MW03G (AccutestF44838-6)	10/30/2006	6.9		<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	191	<4.8
USTRR-MW04G (Accutest F44942-2)	10/31/2006	5.2		<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	6.8	<4.8
USTRR-MW06G (Accutest F44942-1)	10/31/2006	6.9		<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
			GWQS (ug/L)	4.79	NS	0.031	NS	NS	24	170	1.4	NS	NS	NS	0.0047	28	NS	NS	NS	NS	2.5	280
			GCL (ug/L)	0.8	NS	31	NS	NS	24000	61500	39500	NS	NS	NS	0.25	28000	NS	NS	NS	NS	2500	280

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.3
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
October 2006

Date:	12/6/2006		Project Number and Name:	119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP VPH		
Contaminant of Concern			4-Nitrophenol	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	4-Bromophenyl phenyl ether	Butyl benzyl phthalate	Benzyl alcohol	2-Chloronaphthalene	4-Chloroaniline	Carbazole	C5- C8 Aliphatics (Unadj	C9- C12 Aliphatics (Unadj	C9- C10 Aromatics (Unadj
Sample ID	Date Collected	Depth to Water (ft)																						
USTRR-MW03G (AccutestF44838-6)	10/30/2006	6.9	<24	<24	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<75	<55	<20
USTRR-MW04G (Accutest F44942-2)	10/31/2006	5.2	<24	<24	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<75	**321**	**204**
USTRR-MW06G (Accutest F44942-1)	10/31/2006	6.9	<24	<24	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<4.8	<75	<55	**22.4**
		GWQS (ug/L)	NS	0.29	300	NS	NS	80	210	2100	0.0479	0.00479	0.0479	210	0.479	NS	100	NS	NS	NS	NS	NS	420	NS	NS
		GCL (ug/L)	NS	290	300000	NS	NS	2120	1965	2100	22	1.5	0.6	210	0.47	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Date:	12/6/2006		Project Number and Name:	119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP-EPH-98-1		
Contaminant of Concern			Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Naphthalene	Nitrobenzene	N-Nitroso-di-n-propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	C11-C22 Aromatics (Unadj	C9-C18 Aliphatics	C19-C36 Aliphatics
Sample ID	Date Collected	Depth to Water (ft)																						
USTRR-MW03G (AccutestF44838-6)	10/30/2006	6.9	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	309	**238**	<190
USTRR-MW04G (Accutest F44942-2)	10/31/2006	5.2	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	979	6660	<970
USTRR-MW06G (Accutest F44942-1)	10/31/2006	6.9	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.5	<9.5	<9.5	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<200	<200	<200
		GWQS (ug/L)	280	NS	0.44	NS	NS	0.0479	NS	14	NS	NS	NS	21	NS	NS	NS	210	210	70	210	4200	42000
		GCL (ug/L)	950	NS	440	NS	NS	31	NS	12500	NS	NS	NS	15500	NS	NS	NS	410	210	9500	NS	NS	NS

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.4
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
March 2007

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																		
Analytical Method:			602									625 (8270C)										
Contaminant of Concern			Benzene	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Xylenes (total)	Benzoic acid	2-Chlorophenol	4-Chloro-3-methylphenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	4,6-Dinitro-o-cresol	2-Methylphenol	3&4-Methylphenol	2-Nitrophenol
Sample ID	Date Collected	Depth to Water (ft)																				
USTAS497-MW01 (Accutest F48137-1)	3/19/2007		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<4.9	<4.9	<4.9	<4.9	<25	<9.8	<4.9	<4.9	<4.9
USTAS497-MW02 (AccutestF48137-2)	3/19/2007		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<4.9	<4.9	<4.9	<4.9	<25	<9.8	<4.9	<4.9	<4.9
USTAS497-MW03 (AccutestF48137-3)	3/20/2007		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<24	<4.9	<4.9	<4.9	<4.9	<24	<9.7	<4.9	<4.9	<4.9
USTAS497-MW04 (Accutest F48137-4)	3/19/2007		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<24	<4.8	<4.8	<4.8	<4.8	<24	<9.6	<4.8	<4.8	<4.8
USTAS497-MW06 (Accutest F48137-5)	3/19/2007		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<24	<4.9	<4.9	<4.9	<4.9	<24	<9.7	<4.9	<4.9	<4.9
		GWQS (ug/L)	1	50	24	170	1.4	550	200	1000	530	28000	NS	NS	NS	140	NS	NS	NS	NS	NS
		GCL (ug/L)	5000	NS	72500	61500	39500	29000	200000	257500	87500	1450000	NS	NS	NS	140000	NS	NS	NS	NS	NS

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																		
Analytical Method:			625 (8270C)																			
Contaminant of Concern			Chrysene	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Chlorophenyl phenyl ether	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	3,3'-Dichlorobenzidine	Dibenzo(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	Bis(2-ethylhexyl)phthalate	Fluoranthene
Sample ID	Date Collected	Depth to Water (ft)																				
USTAS497-MW01 (Accutest F48137-1)	3/19/2007		<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
USTAS497-MW02 (Accutest F48137-2)	3/19/2007		<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
USTAS497-MW03 (Accutest F48137-3)	3/20/2007		<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
USTAS497-MW04 (Accutest F48137-4)	3/19/2007		<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
USTAS497-MW06 (Accutest F48137-5)	3/19/2007		<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
		GWQS (ug/L)	4.79	NS	0.031	NS	NS	24	170	1.4	NS	NS	NS	0.0047	28	NS	NS	NS	NS	2.5	280
		GCL (ug/L)	0.8	NS	31	NS	NS	72500	61500	39500	NS	NS	NS	0.25	28000	NS	NS	NS	NS	3000	280

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.4
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
March 2007

Date: 5/1/2007			Project Number and Name: 119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																		MADEP VPH		
Contaminant of Concern			4-Nitrophenol	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	4-Bromophenyl phenyl et	Butyl benzyl phthalate	Benzyl alcohol	2-Chloronaphthalene	4-Chloroaniline	Carbazole	C5- C8 Aliphatics (Unadj	C9- C12 Aliphatics (Unad	C9- C10 Aromatics (Una
Sample ID	Date Collected	Depth to Water (ft)																					
USTAS497-MW01 (Accutest F48137-1)	3/19/2007		<25	<25	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<75	<55	<20
USTAS497-MW02 (AccutestF48137-2)	3/19/2007		<25	<25	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<75	<55	<20
USTAS497-MW03 (AccutestF48137-3)	3/20/2007		<24	<24	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<75	<55	<20
USTAS497-MW04 (Accutest F48137-4)	3/19/2007		<24	<24	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<75	<55	<20
USTAS497-MW06 (Accutest F48137-5)	3/19/2007		<24	<24	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<75	<55	<20
		GWQS (ug/L)	NS	0.29	300	NS	NS	80	210	2100	0.0479	0.00479	0.0479	210	0.479	NS	100	NS	NS	NS	NS	420	NS	NS
		GCL (ug/L)	NS	290	300000	NS	NS	2120	1965	2100	22	1.5	0.6	210	0.47	NS	NS	NS	NS	NS	NS	NS	NS	NS

Date: 5/1/2007			Project Number and Name: 119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																		MADEP-EPH-98-1		
Contaminant of Concern			Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Naphthalene	Nitrobenzene	N-Nitroso-di-n-propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	C11-C22 Aromatics (Unadj	C9-C18 Aliphatics	C19-C36 Aliphatics
Sample ID	Date Collected	Depth to Water (ft)																					
USTAS497-MW01 (Accutest F48137-1)	3/19/2007		<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<9.8	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<190	<190	<190
USTAS497-MW02 (Accutest F48137-2)	3/19/2007		<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<9.8	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<200	<200	<200
USTAS497-MW03 (Accutest F48137-3)	3/20/2007		<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<9.7	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	223	<200	<200
USTAS497-MW04 (Accutest F48137-4)	3/19/2007		<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<9.6	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<200	<200	<200
USTAS497-MW06 (Accutest F48137-5)	3/19/2007		<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<9.7	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<200	<200	<200
		GWQS (ug/L)	280	NS	0.44	NS	NS	0.0479	NS	14	NS	NS	NS	21	NS	NS	NS	210	210	70	210	4200	42000
		GCL (ug/L)	950	NS	440	NS	NS	31	NS	12500	NS	NS	NS	15500	NS	NS	NS	410	210	9500	NS	NS	NS

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.4
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
March 2007

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																	
Analytical Method:			602									625 (8270C)									
Contaminant of Concern			Benzene	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Xylenes (total)	Benzoic acid	2-Chlorophenol	4-Chloro-3-methylphenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	4,6-Dinitro-o-cresol	2-Methylphenol	3&4-Methylphenol	2-Nitrophenol
Sample ID	Date Collected	Depth to Water (ft)																			
USTAS511-MW1 (Accutest F48302-1)	3/27/2007		<1.0	<1.0	0.97 J	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
USTAS511-MW2 (Accutest F48302-2)	3/27/2007		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<23	<4.5	<4.5	<4.5	<4.5	<23	<9.1	<4.5	<4.5	<4.5
USTAS511-MW03 (Accutest F48302-3)	3/26/2007		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
USTAS511-MW04 (Accutest F48302-4)	3/26/2007		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
USTAS511-MW5 (Accutest 3/27/2007)	3/27/2007		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<28	<5.6	<5.6	<5.6	<5.6	<28	<11	<5.6	<5.6	<5.6
		GWQS (ug/L)	1	50	24	170	1.4	550	200	1000	530	28000	NS	NS	NS	140	NS	NS	NS	NS	NS
		GCL (ug/L)	5000	NS	72500	61500	39500	29000	200000	257500	87500	1450000	NS	NS	NS	140000	NS	NS	NS	NS	NS

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																	
Analytical Method:			625 (8270C)																		
Contaminant of Concern			Chrysene	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Chlorophenyl phenyl ether	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	3,3'-Dichlorobenzidine	Dibenzo(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	Bis(2-ethylhexyl)phthalate	Fluoranthene
Sample ID	Date Collected	Depth to Water (ft)																			
USTAS511-MW1 (Accutest F48302-1)	3/27/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
USTAS511-MW2 (Accutest F48302-2)	3/27/2007		<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9.1	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5
USTAS511-MW03 (Accutest F48302-3)	3/26/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
USTAS511-MW04 (Accutest F48302-4)	3/26/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
USTAS511-MW5 (Accutest 3/27/2007)	3/27/2007		<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
		GWQS (ug/L)	4.79	NS	0.031	NS	NS	24	170	1.4	NS	NS	NS	0.0047	28	NS	NS	NS	NS	2.5	280
		GCL (ug/L)	0.8	NS	31	NS	NS	72500	61500	39500	NS	NS	NS	0.25	28000	NS	NS	NS	NS	3000	280

Indicate method detection limit for contaminants when analyzed
but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.4
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
March 2007

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																					
Analytical Method:			625 (8270C)																				MADEP VPH		
Contaminant of Concern			4-Nitrophenol	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	4-Bromophenyl phenyl et	Butyl benzyl phthalate	Benzyl alcohol	2-Chloronaphthalene	4-Chloroaniline	Carbazole	C5- C8 Aliphatics (Unadj	C9- C12 Aliphatics (Una	C9- C10 Aromatics (Una
Sample ID	Date Collected	Depth to Water (ft)																							
USTAS511-MW1 (Accutest F48302-1)	3/27/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	<55	**17.8 J**
USTAS511-MW2 (Accutest F48302-2)	3/27/2007		<23	<23	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9.1	<4.5	<75	<55	<20
USTAS511-MW03 (Accutest F48302-3)	3/26/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	<55	<20
USTAS511-MW04 (Accutest F48302-4)	3/26/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	<55	<20
USTAS511-MW5 (Accutest 3/27/2007)	3/27/2007		<28	<28	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<75	<55	<20
		GWQS (ug/L)	NS	0.29	300	NS	NS	80	210	2100	0.0479	0.00479	0.0479	210	0.479	NS	100	NS	NS	NS	NS	420	NS	NS
		GCL (ug/L)	NS	290	300000	NS	NS	2120	1965	2100	22	1.5	0.6	210	0.47	NS	NS	NS	NS	NS	NS	NS	NS	NS

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP-EPH-98-1		
Contaminant of Concern			Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Naphthalene	Nitrobenzene	N-Nitroso-di-n-propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	C11-C22 Aromatics (Unadj	C9-C18 Aliphatics	C19-C36 Aliphatics
Sample ID	Date Collected	Depth to Water (ft)																						
USTAS511-MW1 (Accutest F48302-1)	3/27/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<200	<200	<200
USTAS511-MW2 (Accutest F48302-2)	3/27/2007		<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9.1	<9.1	<9.1	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<190	<190	<190
USTAS511-MW03 (Accutest F48302-3)	3/26/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<200	<200	<200
USTAS511-MW04 (Accutest F48302-4)	3/26/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<200	<200	<200
USTAS511-MW5 (Accutest 3/27/2007)	3/27/2007		<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	**2.5 J**	<5.6	<11	<11	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<200	<200	<200
		GWQS (ug/L)	280	NS	0.44	NS	NS	0.0479	NS	14	NS	NS	NS	21	NS	NS	NS	210	210	70	210	4200	42000
		GCL (ug/L)	950	NS	440	NS	NS	31	NS	12500	NS	NS	NS	15500	NS	NS	NS	410	210	9500	NS	NS	NS

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.4
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
March 2007

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																	
Analytical Method:				602										625 (8270C)							
Contaminant of Concern				Benzene	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Xylenes (total)	Benzoic acid	2-Chlorophenol	4-Chloro-3-methylphenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	4,6-Dinitro-o-cresol	2-Methylphenol	3&4-Methylphenol	2-Nitrophenol
Sample ID	Date Collected	Depth to Water (ft)																			
USTAS511-MW06 (Accutest F48302-6)	3/27/2007			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<23	<4.5	<4.5	<4.5	<4.5	<23	<9.1	<4.5	<4.5	<4.5
USTAS511-MW07 (Accutest F48302-7)	3/26/2007			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
USTAS511-MW08 (Accutest F48302-8)	3/26/2007			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<26	<5.3	<5.3	<5.3	<5.3	<26	<11	<5.3	<5.3	<5.3
			GWQS (ug/L)	1	50	24	170	1.4	550	200	1000	530	28000	NS	NS	NS	140	NS	NS	NS	NS	NS
			GCL (ug/L)	5000	NS	72500	61500	39500	29000	200000	257500	87500	1450000	NS	NS	NS	140000	NS	NS	NS	NS	NS

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																	
Analytical Method:				625 (8270C)																	
Contaminant of Concern				Chrysene	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Chlorophenyl phenyl ether	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	3,3'-Dichlorobenzidine	Dibenzo(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	Bis(2-ethylhexyl)phthalate	Fluoranthene
Sample ID	Date Collected	Depth to Water (ft)																			
USTAS511-MW06 (Accutest F48302-6)	3/27/2007			<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9.1	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5
USTAS511-MW07 (Accutest F48302-7)	3/26/2007			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
USTAS511-MW08 (Accutest F48302-8)	3/26/2007			<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
			GWQS (ug/L)	4.79	NS	0.031	NS	NS	24	170	1.4	NS	NS	NS	0.0047	28	NS	NS	NS	NS	2.5	280
			GCL (ug/L)	0.8	NS	31	NS	NS	72500	61500	39500	NS	NS	NS	0.25	28000	NS	NS	NS	NS	3000	280

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.4
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
March 2007

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP VPH		
Contaminant of Concern			4-Nitrophenol	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	4-Bromophenyl phenyl et	Butyl benzyl phthalate	Benzyl alcohol	2-Chloronaphthalene	4-Chloroaniline	Carbazole	C5- C8 Aliphatics (Unadj	C9- C12 Aliphatics (Unad	C9- C10 Aromatics (Una
Sample ID	Date Collected	Depth to Water (ft)																						
USTAS511-MW06 (Accutest F48302-6)	3/27/2007		<23	<23	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9.1	<4.5	<75	<55	<20
USTAS511-MW07 (Accutest F48302-7)	3/26/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	<55	<20
USTAS511-MW08 (Accutest F48302-8)	3/26/2007		<26	<26	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<75	<55	<20
		GWQS (ug/L)	NS	0.29	300	NS	NS	80	210	2100	0.0479	0.00479	0.0479	210	0.479	NS	100	NS	NS	NS	NS	420	NS	NS
		GCL (ug/L)	NS	290	300000	NS	NS	2120	1965	2100	22	1.5	0.6	210	0.47	NS	NS	NS	NS	NS	NS	NS	NS	NS

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP-EPH-98-1		
Contaminant of Concern			Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Naphthalene	Nitrobenzene	N-Nitroso-di-n-propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	C11-C22 Aromatics (Unadj	C9-C18 Aliphatics	C19-C36 Aliphatics
Sample ID	Date Collected	Depth to Water (ft)																						
USTAS511-MW06 (Accutest F48302-6)	3/27/2007		<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9.1	<9.1	<9.1	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<200	<200	<200
USTAS511-MW07 (Accutest F48302-7)	3/26/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<200	<200	<200
USTAS511-MW08 (Accutest F48302-8)	3/26/2007		<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<11	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<200	<200	<200
		GWQS (ug/L)	280	NS	0.44	NS	NS	0.0479	NS	14	NS	NS	NS	21	NS	NS	NS	210	210	70	210	4200	42000
		GCL (ug/L)	950	NS	440	NS	NS	31	NS	12500	NS	NS	NS	15500	NS	NS	NS	410	210	9500	NS	NS	NS

Indicate method detection limit for contaminants when analyzed
but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
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Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.4
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
March 2007

Date: 5/1/2007			Project Number and Name: 119909 MCAS-Rapid Refueler																	
Analytical Method:			602								625 (8270C)									
Contaminant of Concern			Benzene	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Xylenes (total)	Benzoic acid	2-Chlorophenol	4-Chloro-3-methylphenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	4,6-Dinitro-o-cresol	2-Methylphenol	3&4-Methylphenol	2-Nitrophenol
Sample ID	Date Collected	Depth to Water (ft)																			
USTAS527-DW06 (Accutest F48326-4)	3/28/2007		**0.79 J**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
USTAS527-DW02 (Accutest F48326-3)	3/28/2007		**8.2**	<1.0	<34	<1.0	<1.0	**79.8**	<1.0	**0.8 J**	**33.3**	<98	<20	<20	<20	<20	<98	<39	<20	<20	<20
USTAS527-MW03 (Accutest F48326-1)	3/28/2007		<1.0	<1.0	<5.0	<2.0	<2.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
USTAS527-MW04 (Accutest F48326-2)	3/28/2007		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
		GWQS (ug/L)	1	50	24	170	1.4	550	200	1000	530	28000	NS	NS	NS	140	NS	NS	NS	NS	NS
		GCL (ug/L)	5000	NS	72500	61500	39500	29000	200000	257500	87500	1450000	NS	NS	NS	140000	NS	NS	NS	NS	NS

Date: 5/1/2007			Project Number and Name: 119909 MCAS-Rapid Refueler																	
Analytical Method:			625 (8270C)																	
Contaminant of Concern			Chrysene	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Chlorophenyl phenyl ether	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	3,3'-Dichlorobenzidine	Dibenzo(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	Bis(2-ethylhexyl)phthalate	Fluoranthene
Sample ID	Date Collected	Depth to Water (ft)																			
USTAS527-DW06 (Accutest F48326-4)	3/28/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
USTAS527-DW02 (Accutest F48326-3)	3/28/2007		<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<39	<20	<20	<20	<20	<20	<20	<20	<20
USTAS527-MW03 (Accutest F48326-1)	3/28/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
USTAS527-MW04 (Accutest F48326-2)	3/28/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
		GWQS (ug/L)	4.79	NS	0.031	NS	NS	24	170	1.4	NS	NS	NS	0.0047	28	NS	NS	NS	NS	2.5	280
		GCL (ug/L)	0.8	NS	31	NS	NS	72500	61500	39500	NS	NS	NS	0.25	28000	NS	NS	NS	NS	3000	280

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.4
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
March 2007

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																						
Analytical Method:			625 (8270C)																					MADEP VPH		
Contaminant of Concern			4-Nitrophenol	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	4-Bromophenyl phenyl et	Butyl benzyl phthalate	Benzyl alcohol	2-Chloronaphthalene	4-Chloroaniline	Carbazole	C5- C8 Aliphatics (Unadj	C9- C12 Aliphatics (Unad	C9- C10 Aromatics (Una
Sample ID	Date Collected	Depth to Water (ft)																								
USTAS527-DW06 (Accutest F48326-4)	3/28/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	<55	<20
USTAS527-DW02 (Accutest F48326-3)	3/28/2007		<98	<98	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<39	<20	<380	**1300**	**1060**
USTAS527-MW03 (Accutest F48326-1)	3/28/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	**532**	**374**
USTAS527-MW04 (Accutest F48326-2)	3/28/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	<55	<20
		GWQS (ug/L)	NS	0.29	300	NS	NS	80	210	2100	0.0479	0.00479	0.0479	210	0.479	NS	100	NS	NS	NS	NS	420	NS	NS
		GCL (ug/L)	NS	290	300000	NS	NS	2120	1965	2100	22	1.5	0.6	210	0.47	NS	NS	NS	NS	NS	NS	NS	NS	NS

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP-EPH-98-1		
Contaminant of Concern			Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Naphthalene	Nitrobenzene	N-Nitroso-di-n-propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	C11-C22 Aromatics (Unadj	C9-C18 Aliphatics	C19-C36 Aliphatics
Sample ID	Date Collected	Depth to Water (ft)																						
USTAS527-DW06 (Accutest F48326-4)	3/28/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<200	<200	<200
USTAS527-DW02 (Accutest F48326-3)	3/28/2007		<20	<20	<20	<20	<20	<20	<20	63.6	<39	<39	<39	225	<20	<20	<20	<20	<20	<20	696	**337**	<190
USTAS527-MW03 (Accutest F48326-1)	3/28/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**206**	**413**	<200
USTAS527-MW04 (Accutest F48326-2)	3/28/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<200	<200	<200
		GWQS (ug/L)	280	NS	0.44	NS	NS	0.0479	NS	14	NS	NS	NS	21	NS	NS	NS	210	210	70	210	4200	42000
		GCL (ug/L)	950	NS	440	NS	NS	31	NS	12500	NS	NS	NS	15500	NS	NS	NS	410	210	9500	NS	NS	NS

Indicate method detection limit for contaminants when analyzed
but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.4
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
March 2007

Date: 5/1/2007			Project Number and Name: 119909 MCAS-Rapid Refueler																	
Analytical Method:			602								625 (8270C)									
Contaminant of Concern			Benzene	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Xylenes (total)	Benzoic acid	2-Chlorophenol	4-Chloro-3-methylphenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	4,6-Dinitro-o-cresol	2-Methylphenol	3&4-Methylphenol	2-Nitrophenol
Sample ID	Date Collected	Depth to Water (ft)																			
USTRR-MW11 (Accutest F48137-8)	3/20/2007		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<26	<5.1	<5.1	<5.1	<5.1	<26	<10	<5.1	<5.1	<5.1
USTRR-MW14 (AccutestF48137-9)	3/20/2007		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.1	<5.1	<5.1	<5.1	<25	<10	<5.1	<5.1	<5.1
USTRR-MW15 (Accutest F48137-10)	3/20/2007		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<24	<4.8	<4.8	<4.8	<4.8	<24	<9.6	<4.8	<4.8	<4.8
USTRR-MW17 (Accutest F48137-11)	3/19/2007		4.6	<1.0	**16.6**	**2.4**	<2.0	**40.9**	**7.4**	<1.0	<3.0	<26	<5.1	<5.1	<5.1	<5.1	<26	<10	<5.1	<5.1	<5.1
USTRR-MW21 (Accutest F48232-4)	3/22/2007		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<9.9	<5.0	<5.0	<5.0
USTRR-MW22 (Accutest F48302-9)	3/27/2007		**0.89 J**	<1.0	<14	<7.0	<6.0	**4.2**	<1.0	<1.0	**4.6**	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	**2.9 J**	<5.0
USTRR-MW23 (Accutest F48232-5)	3/22/2007		<1.0	<1.0	<15	<3.0	<3.0	**7.6**	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
		GWQS (ug/L)	1	50	24	170	1.4	550	200	1000	530	28000	NS	NS	NS	140	NS	NS	NS	NS	NS
		GCL (ug/L)	5000	NS	72500	61500	39500	29000	200000	267500	87500	1450000	NS	NS	NS	140000	NS	NS	NS	NS	NS

Date: 5/1/2007			Project Number and Name: 119909 MCAS-Rapid Refueler																	
Analytical Method:			625 (8270C)																	
Contaminant of Concern			Chrysene	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Chlorophenyl phenyl ether	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	3,3'-Dichlorobenzidine	Dibenzo(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	Bis(2-ethylhexyl)phthalate	Fluoranthene
Sample ID	Date Collected	Depth to Water (ft)																			
USTRR-MW11 (Accutest F48137-8)	3/20/2007		<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
USTRR-MW14 (Accutest F48137-9)	3/20/2007		<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
USTRR-MW15 (AccutestF48137-10)	3/20/2007		<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
USTRR-MW17 (Accutest F48137-11)	3/19/2007		<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	258	<5.1
USTRR-MW21 (Accutest F48232-4)	3/22/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<9.9	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
USTRR-MW22 (Accutest F48302-9)	3/27/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
USTRR-MW23 (Accutest F48232-5)	3/22/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	**1.0 J**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
		GWQS (ug/L)	4.79	NS	0.031	NS	NS	24	170	1.4	NS	NS	NS	0.0047	28	NS	NS	NS	NS	2.5	280
		GCL (ug/L)	0.8	NS	31	NS	NS	72500	61500	39500	NS	NS	NS	0.25	28000	NS	NS	NS	NS	3000	280

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.4
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
March 2007

Date: 5/1/2007			Project Number and Name: 119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP VPH	
Contaminant of Concern			4-Nitrophenol	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	4-Bromophenyl phenyl et	Butyl benzyl phthalate	Benzyl alcohol	2-Chloronaphthalene	4-Chloroaniline	Carbazole	C5- C8 Aliphatics (Unadj	C9- C12 Aliphatics (Una	C9- C10 Aromatics (Una
Sample ID	Date Collected	Depth to Water (ft)																						
USTRR-MW11 (Accutest F48137-8)	3/20/2007		<26	<26	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<75	<55	<20
USTRR-MW14 (AccutestF48137-9)	3/20/2007		<25	<25	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<75	<55	<20
USTRR-MW15 (Accutest F48137-10)	3/20/2007		<24	<24	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<75	<55	<20
USTRR-MW17 (Accutest F48137-11)	3/19/2007		<26	<26	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<75	**718**	**626**
USTRR-MW21 (Accutest F48232-4)	3/22/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<9.9	<5.0	<75	<55	<20
USTRR-MW22 (Accutest F48302-9)	3/27/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<150	**395**	**342**
USTRR-MW23 (Accutest F48232-5)	3/22/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	**449**	**334**
		GWQS (ug/L)	NS	0.29	300	NS	NS	80	210	2100	0.0479	0.00479	0.0479	210	0.479	NS	100	NS	NS	NS	NS	420	NS	NS
		GCL (ug/L)	NS	290	300000	NS	NS	2120	1965	2100	22	1.5	0.6	210	0.47	NS	NS	NS	NS	NS	NS	NS	NS	NS

Date: 5/1/2007			Project Number and Name: 119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP-EPH-98-1	
Contaminant of Concern			Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Naphthalene	Nitrobenzene	N-Nitroso-di-n-propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	C11-C22 Aromatics (Unadj	C9-C18 Aliphatics	C19-C36 Aliphatics
Sample ID	Date Collected	Depth to Water (ft)																					
USTRR-MW11 (Accutest F48137-8)	3/20/2007		<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<10	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<200	<200	<200
USTRR-MW14 (Accutest F48137-9)	3/20/2007		<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<10	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<200	<200	<200
USTRR-MW15 (AccutestF48137-10)	3/20/2007		<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<9.6	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<200	<200	<200
USTRR-MW17 (Accutest F48137-11)	3/19/2007		<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	27.4	<10	<10	<10	73.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	575	**492**	<200
USTRR-MW21 (Accutest F48232-4)	3/22/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<9.9	<9.9	<9.9	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<200	<200	<200
USTRR-MW22 (Accutest F48302-9)	3/27/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**11.5**	<10	<10	<10	**10.7**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	324	**314**	<200
USTRR-MW23 (Accutest F48232-5)	3/22/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	31.7	<10	<10	<10	45	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**155 J**	**211**	<200
		GWQS (ug/L)	280	NS	0.44	NS	NS	0.0479	NS	14	NS	NS	NS	21	NS	NS	NS	210	210	70	210	4200	42000
		GCL (ug/L)	950	NS	440	NS	NS	31	NS	12500	NS	NS	NS	15500	NS	NS	NS	410	210	9500	NS	NS	NS

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
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J = estimated value between RL and MDL
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Table 3.4
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
March 2007

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																		
Analytical Method:				602										625 (8270C)								
Contaminant of Concern				Benzene	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Xylenes (total)	Benzoic acid	2-Chlorophenol	4-Chloro-3-methylphenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	4,6-Dinitro-o-cresol	2-Methylphenol	3&4-Methylphenol	2-Nitrophenol
Sample ID	Date Collected	Depth to Water (ft)																				
USTRR-MW02 (Accutest F48137-12)	3/21/2007			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
USTRR-MW03 (Accutest F48137-13)	3/21/2007			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
USTRR-MW03G (Accutest F48232-6)	3/22/2007			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<9.9	<5.0	<5.0	<5.0
USTRR-MW04G (Accutest F48232-7)	3/22/2007			<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<24	<4.8	<4.8	<4.8	<4.8	<24	<9.6	<4.8	<4.8	<4.8
USTRR-MW06G (Accutest F48232-8)	3/23/2007			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
		GWQS (ug/L)		1	50	24	170	1.4	550	200	1000	530	28000	NS	NS	NS	140	NS	NS	NS	NS	NS
		GCL (ug/L)		5000	NS	72500	61500	39500	29000	200000	257500	87500	1450000	NS	NS	NS	140000	NS	NS	NS	NS	NS

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																		
Analytical Method:				625 (8270C)																		
Contaminant of Concern				Chrysene	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Chlorophenyl phenyl ether	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	3,3'-Dichlorobenzidine	Dibenzo(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	Bis(2-ethylhexyl)phthalate	Fluoranthene
Sample ID	Date Collected	Depth to Water (ft)																				
USTRR-MW02 (Accutest F48137-12)	3/21/2007			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
USTRR-MW03 (Accutest F48137-13)	3/21/2007			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
USTRR-MW03G (Accutest F48232-6)	3/22/2007			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<9.9	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	4.2 J	<5.0
USTRR-MW04G (Accutest F48232-7)	3/22/2007			<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
USTRR-MW06G (Accutest F48232-8)	3/23/2007			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
		GWQS (ug/L)		4.79	NS	0.031	NS	NS	24	170	1.4	NS	NS	NS	0.0047	28	NS	NS	NS	NS	2.5	280
		GCL (ug/L)		0.8	NS	31	NS	NS	72500	61500	39500	NS	NS	NS	0.25	28000	NS	NS	NS	NS	3000	280

Indicate method detection limit for contaminants when analyzed
but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.4
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
March 2007

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																					
Analytical Method:			625 (8270C)																				MADEP VPH		
Contaminant of Concern			4-Nitrophenol	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	4-Bromophenyl phenyl et	Butyl benzyl phthalate	Benzyl alcohol	2-Chloronaphthalene	4-Chloroaniline	Carbazole	C5- C8 Aliphatics (Unadj	C9- C12 Aliphatics (Unad	C9- C10 Aromatics (Una
Sample ID	Date Collected	Depth to Water (ft)																							
USTRR-MW02 (Accutest F48137-12)	3/21/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	<55	<20
USTRR-MW03 (Accutest F48137-13)	3/21/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	<55	<20
USTRR-MW03G (Accutest F48232-6)	3/22/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<9.9	<5.0	<75	<55	<20
USTRR-MW04G (Accutest F48232-7)	3/22/2007		<24	<24	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<75	**60.7**	**58.2**
USTRR-MW06G (Accutest F48232-8)	3/23/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	<55	<20
		GWQS (ug/L)	NS	0.29	300	NS	NS	80	210	2100	0.0479	0.00479	0.0479	210	0.479	NS	100	NS	NS	NS	NS	420	NS	NS
		GCL (ug/L)	NS	290	300000	NS	NS	2120	1965	2100	22	1.5	0.6	210	0.47	NS	NS	NS	NS	NS	NS	NS	NS	NS

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP-EPH-98-1		
Contaminant of Concern			Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Naphthalene	Nitrobenzene	N-Nitroso-di-n-propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	C11-C22 Aromatics (Unadj	C9-C18 Aliphatics	C19-C36 Aliphatics
Sample ID	Date Collected	Depth to Water (ft)																						
USTRR-MW02 (Accutest F48137-12)	3/21/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<200	<200	<200
USTRR-MW03 (Accutest F48137-13)	3/21/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<200	<200	<200
USTRR-MW03G (Accutest F48232-6)	3/22/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<9.9	<9.9	<9.9	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<200	<200	<200
USTRR-MW04G (Accutest F48232-7)	3/22/2007		<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<9.6	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<200	<200	<200
USTRR-MW06G (Accutest F48232-8)	3/23/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<200	<200	<200
		GWQS (ug/L)	280	NS	0.44	NS	NS	0.0479	NS	14	NS	NS	NS	21	NS	NS	NS	210	210	70	210	4200	42000
		GCL (ug/L)	950	NS	440	NS	NS	31	NS	12500	NS	NS	NS	15500	NS	NS	NS	410	210	9500	NS	NS	NS

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.4
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
March 2007

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																		
Analytical Method:				602										625 (8270C)								
Contaminant of Concern				Benzene	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Xylenes (total)	Benzoic acid	2-Chlorophenol	4-Chloro-3-methylphenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	4,6-Dinitro-o-cresol	2-Methylphenol	3&4-Methylphenol	2-Nitrophenol
Sample ID	Date Collected	Depth to Water (ft)																				
USTAS527-MW10 (Accutest F48302-10)	3/27/2007			<1.0	<1.0	13.7	<1.0	<1.0	9.1	<1.0	1.4	5.5	<23	<4.5	<4.5	<4.5	<4.5	<4.5	<23	<9.1	<4.5	<4.5	<4.5
USTAS527-MW12 (Accutest F48302-11)	3/26/2007			3.8	<1.0	<33	<13	<12	18.6	3.1	<1.0	6.7	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
USTAS527-MW16 (Accutest F48302-12)	3/26/2007			<1.0	<1.0	<8.0	<3.0	<3.0	1.2	<1.0	<1.0	5.6	<23	<4.5	<4.5	<4.5	<4.5	<4.5	<23	<9.1	<4.5	<4.5	<4.5
USTRR-MW05 (Accutest F48137-6)	3/20/2007			<1.0	<1.0	0.69 J	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
		GWQS (ug/L)		1	50	24	170	1.4	550	200	1000	530	28000	NS	NS	NS	140	NS	NS	NS	NS	NS
		GCL (ug/L)		5000	NS	72500	61500	39500	29000	200000	257500	87500	1450000	NS	NS	NS	140000	NS	NS	NS	NS	NS

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																		
Analytical Method:				625 (8270C)																		
Contaminant of Concern				Chrysene	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Chlorophenyl phenyl ether	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	3,3'-Dichlorobenzidine	Dibenz(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	Bis(2-ethylhexyl)phthalate	Fluoranthene
Sample ID	Date Collected	Depth to Water (ft)																				
USTAS527-MW10 (Accutest F48302-10)	3/27/2007			<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9.1	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5
USTAS527-MW12 (Accutest F48302-11)	3/26/2007			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
USTAS527-MW16 (Accutest F48302-12)	3/26/2007			<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9.1	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5
USTRR-MW05 (AccutestF48137-6)	3/20/2007			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
		GWQS (ug/L)		4.79	NS	0.031	NS	NS	24	170	1.4	NS	NS	NS	0.0047	28	NS	NS	NS	NS	2.5	280
		GCL (ug/L)		0.8	NS	31	NS	NS	72500	61500	39500	NS	NS	NS	0.25	28000	NS	NS	NS	NS	3000	280

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.4
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
March 2007

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP VPH		
Contaminant of Concern			4-Nitrophenol	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	4-Bromophenyl phenyl et	Butyl benzyl phthalate	Benzyl alcohol	2-Chloronaphthalene	4-Chloroaniline	Carbazole	C5- C8 Aliphatics (Unadj	C9- C12 Aliphatics (Unac	C9- C10 Aromatics (Una
Sample ID	Date Collected	Depth to Water (ft)																						
USTAS527-MW10 (Accutest F48302-10)	3/27/2007		<23	<23	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<150	**464**	**449**
USTAS527-MW12 (Accutest F48302-11)	3/26/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<380	**1240**	**1170**
USTAS527-MW16 (Accutest F48302-12)	3/26/2007		<23	<23	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9.1	<4.5	<75	**147**	**141**
USTRR-MW05 (Accutest F48137-6)	3/20/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	<55	**16.5 J**
		GWQS (ug/L)	NS	0.29	300	NS	NS	80	210	2100	0.0479	0.00479	0.0479	210	0.479	NS	100	NS	NS	NS	NS	420	NS	NS
		GCL (ug/L)	NS	290	300000	NS	NS	2120	1965	2100	22	1.5	0.6	210	0.47	NS	NS	NS	NS	NS	NS	NS	NS	NS

Date:	5/1/2007		Project Number and Name:	119909 MCAS-Rapid Refueler																				
Analytical Method:			625 (8270C)																			MADEP-EPH-98-1		
Contaminant of Concern			Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Naphthalene	Nitrobenzene	N-Nitroso-di-n-propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	C11-C22 Aromatics (Unadj	C9-C18 Aliphatics	C19-C36 Aliphatics
Sample ID	Date Collected	Depth to Water (ft)																						
USTAS527-MW10 (Accutest F48302-10)	3/27/2007		<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	**12.6**	<9.1	<9.1	<9.1	**32.8**	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	**405**	**380**	<200
USTAS527-MW12 (Accutest F48302-11)	3/26/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**84.3**	<10	<10	<10	**151**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**697**	**533**	<200
USTAS527-MW16 (Accutest F48302-12)	3/26/2007		<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9.1	<9.1	<9.1	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	**157 J**	<200	<200
USTRR-MW05 (AccutestF48137-6)	3/20/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<10	**4.0 J**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<200	<200	<200
		GWQS (ug/L)	280	NS	0.44	NS	NS	0.0479	NS	14	NS	NS	NS	21	NS	NS	NS	210	210	70	210	4200	42000
		GCL (ug/L)	950	NS	440	NS	NS	31	NS	12500	NS	NS	NS	15500	NS	NS	NS	410	210	9500	NS	NS	NS

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
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Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
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J = estimated value between RL and MDL
E = estimated value above calibration

Table 3.4
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
March 2007

Date: 5/1/2007			Project Number and Name: 119909 MCAS-Rapid Refueler																	
Analytical Method:			602								625 (8270C)									
Contaminant of Concern			Benzene	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Xylenes (total)	Benzoic acid	2-Chlorophenol	4-Chloro-3-methylphenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	4,6-Dinitro-o-cresol	2-Methylphenol	3&4-Methylphenol	2-Nitrophenol
Sample ID	Date Collected	Depth to Water (ft)																			
UST RR-MW06 (Accutest F48232-1)	3/22/2007		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<24	<4.8	<4.8	<4.8	<4.8	<24	<9.6	<4.8	<4.8	<4.8
UST RR-MW07 (Accutest F48232-2)	3/22/2007		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<28	<5.6	<5.6	<5.6	<5.6	<28	<11	<5.6	<5.6	<5.6
UST RR-MW09 (Accutest F48232-3)	3/23/2007		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
USTRR-MW10 (Accutest F48137-7)	3/20/2007		6.5	<1.0	28.7	<1.0	<6.0	58.8	3.3	0.54 J	30.1	<25	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<5.0	<5.0
		GWQS (ug/L)	1	50	24	170	1.4	550	200	1000	530	28000	NS	NS	NS	140	NS	NS	NS	NS	NS
		GCL (ug/L)	5000	NS	72500	61500	39500	29000	200000	257500	87500	1450000	NS	NS	NS	140000	NS	NS	NS	NS	NS

Date: 5/1/2007			Project Number and Name: 119909 MCAS-Rapid Refueler																	
Analytical Method:			625 (8270C)																	
Contaminant of Concern			Chrysene	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Chlorophenyl phenyl ether	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	3,3'-Dichlorobenzidine	Dibenzo(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Diethyl phthalate	Dimethyl phthalate	Bis(2-ethylhexyl)phthalate	Fluoranthene
Sample ID	Date Collected	Depth to Water (ft)																			
UST RR-MW06 (Accutest F48232-1)	3/20/2007		<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
UST RR-MW07 (Accutest F48232-2)	3/22/2007		<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
UST RR-MW09 (Accutest F48232-3)	3/23/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
USTRR-MW10 (Accutest F48137-7)	3/20/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	1.3 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
		GWQS (ug/L)	4.79	NS	0.031	NS	NS	24	170	1.4	NS	NS	NS	0.0047	28	NS	NS	NS	NS	2.5	280
		GCL (ug/L)	0.8	NS	31	NS	NS	72500	61500	39500	NS	NS	NS	0.25	28000	NS	NS	NS	NS	3000	280

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

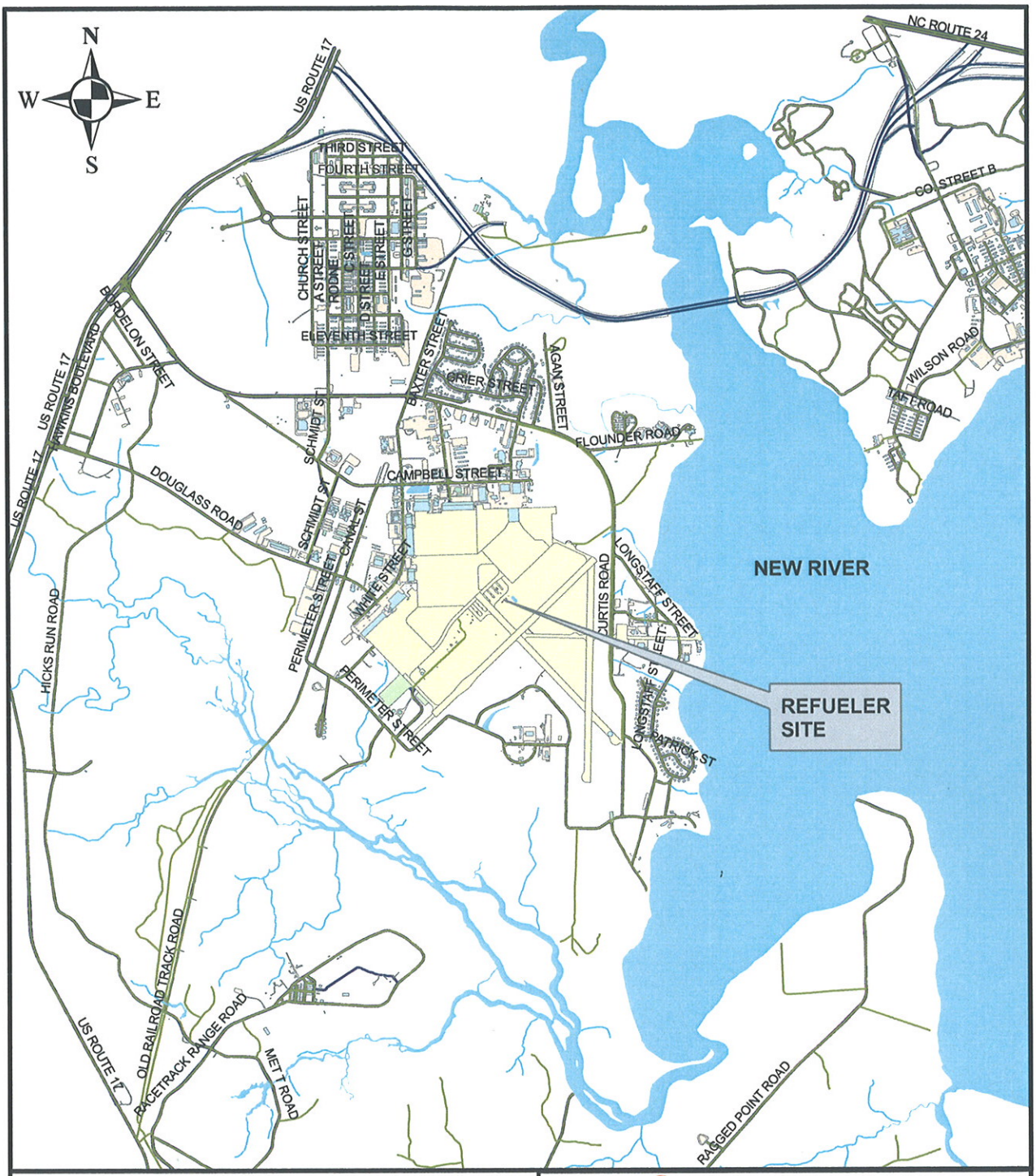
Table 3.4
Rapid Refueler
VOC, SVOC, MADEP EPH/VPH Groundwater Sample Analytical Results
March 2007

Date: 5/1/2007			Project Number and Name: 119909 MCAS-Rapid Refueler																					
Analytical Method:			625 (8270C)																			MADEP VPH		
Contaminant of Concern			4-Nitrophenol	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	4-Bromophenyl phenyl ether	Butyl benzyl phthalate	Benzyl alcohol	2-Chloronaphthalene	4-Chloroaniline	Carbazole	C5- C8 Aliphatics (Unadj	C9- C12 Aliphatics (Unadj	C9- C10 Aromatics (Una
Sample ID	Date Collected	Depth to Water (ft)																						
UST RR-MW06 (Accutest F48232-1)	3/22/2007		<24	<24	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<75	<55	**11.4 J**
UST RR-MW07 (Accutest F48232-2)	3/22/2007		<28	<28	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<75	<55	<20
UST RR-MW09 (Accutest F48232-3)	3/23/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	<55	<20
USTRR-MW10 (Accutest F48137-7)	3/20/2007		<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<75	**726**	**650**
		GWQS (ug/L)	NS	0.29	300	NS	NS	80	210	2100	0.0479	0.00479	0.0479	210	0.479	NS	100	NS	NS	NS	NS	420	NS	NS
		GCL (ug/L)	NS	290	300000	NS	NS	2120	1965	2100	22	1.5	0.6	210	0.47	NS	NS	NS	NS	NS	NS	NS	NS	NS

Date: 5/1/2007			Project Number and Name: 119909 MCAS-Rapid Refueler																					
Analytical Method:			625 (8270C)																			MADEP-EPH-98-1		
Contaminant of Concern			Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Naphthalene	Nitrobenzene	N-Nitroso-di-n-propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	C11-C22 Aromatics (Unadj	C9-C18 Aliphatics	C19-C36 Aliphatics
Sample ID	Date Collected	Depth to Water (ft)																						
UST RR-MW06 (Accutest F48232-1)	3/20/2007		<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<9.6	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<200	<200	<200
UST RR-MW07 (Accutest F48232-2)	3/22/2007		<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<11	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<200	<200	<200
UST RR-MW09 (Accutest F48232-3)	3/23/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<200	<200	<200
USTRR-MW10 (Accutest F48137-7)	3/20/2007		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	43.3	<10	<10	<10	137	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	716	230	<200
		GWQS (ug/L)	280	NS	0.44	NS	NS	0.0479	NS	14	NS	NS	NS	21	NS	NS	NS	210	210	70	210	4200	42000
		GCL (ug/L)	950	NS	440	NS	NS	31	NS	12500	NS	NS	NS	15500	NS	NS	NS	410	210	9500	NS	NS	NS

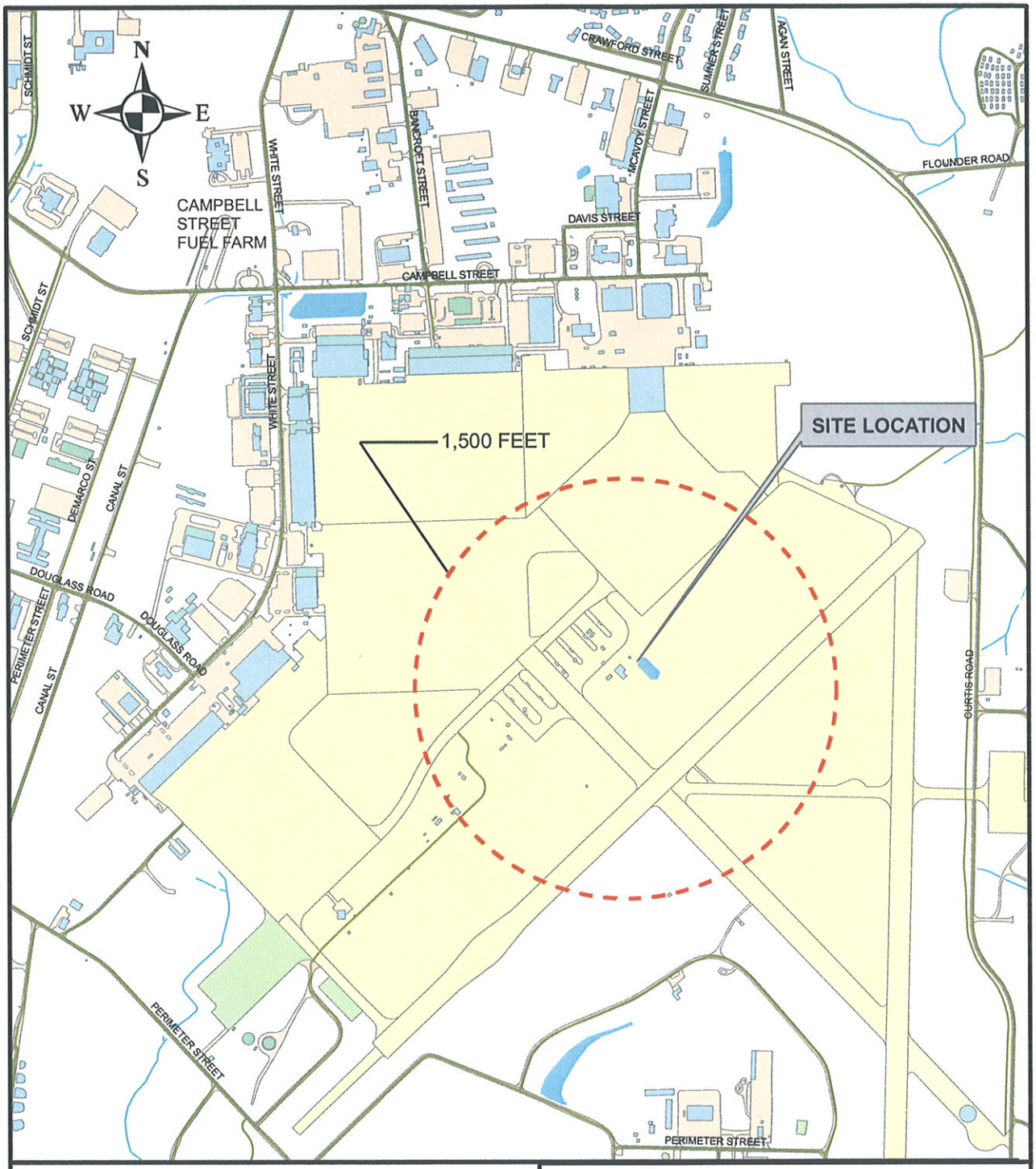
Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
any contaminant detected above the method detection limit
Detectable concentration exceeds GWQS
GWQS = Groundwater Quality Standard
GCL = Groundwater Contamination Level
Results must be reported in ug/L
ug/L = micrograms per liter
NA = not applicable
NS = no standard
J = estimated value between RL and MDL
E = estimated value above calibration

FIGURES



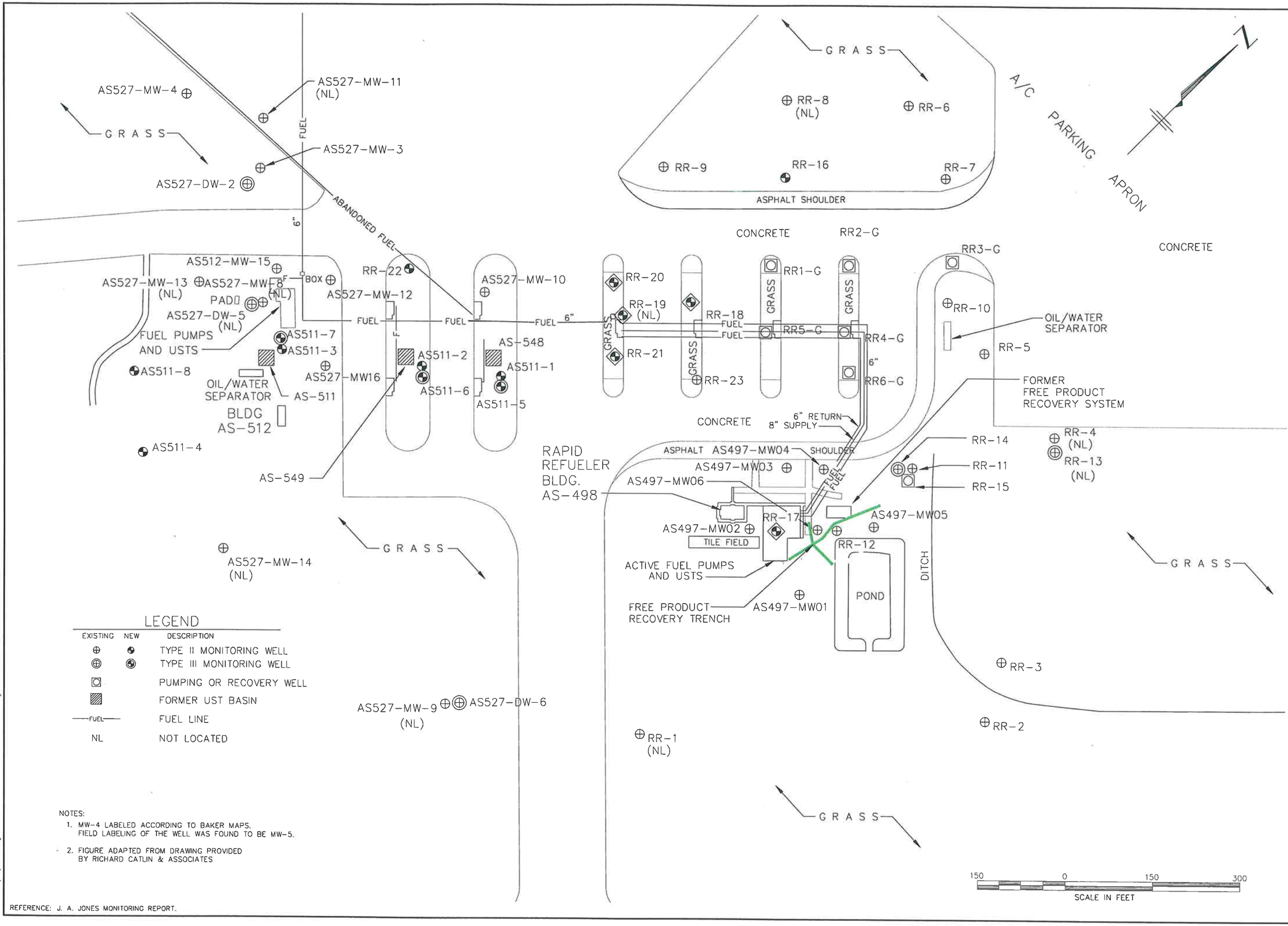
Shaw® Shaw Environmental, Inc.

FIGURE 1.1
SITE VICINITY MAP
RAPID REFUELER A-B TANKS
ANNUAL MONITORING REPORT 2006-2007
MARINE CORPS AIR STATION
CAMP LEJEUNE, NORTH CAROLINA



Shaw® Shaw Environmental, Inc.

FIGURE 1.2
SITE LOCATION MAP
RAPID REFUELER A-B TANKS
ANNUAL MONITORING REPORT 2006-2007
MARINE CORPS AIR STATION
CAMP LEJEUNE, NORTH CAROLINA



LEGEND

EXISTING	NEW	DESCRIPTION
⊕	◓	TYPE II MONITORING WELL
⊕	◓	TYPE III MONITORING WELL
▣		PUMPING OR RECOVERY WELL
▨		FORMER UST BASIN
—FUEL—		FUEL LINE
NL		NOT LOCATED

NOTES:

1. MW-4 LABELED ACCORDING TO BAKER MAPS. FIELD LABELING OF THE WELL WAS FOUND TO BE MW-5.
2. FIGURE ADAPTED FROM DRAWING PROVIDED BY RICHARD CATLIN & ASSOCIATES

REFERENCE: J. A. JONES MONITORING REPORT.

REVISIONS

REV	DATE	BY	CHK'D	APR'VD	DESCRIPTION/ISSUE

Shaw Environmental, Inc.

PROJECT NO. 119909

CHECKED BY	APPROVED BY
RBK	

DESIGNED BY	DRAWN BY
RBK	JEL

DEPARTMENT OF THE NAVY
NAVAL STATION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA
ATLANTIC DIVISION

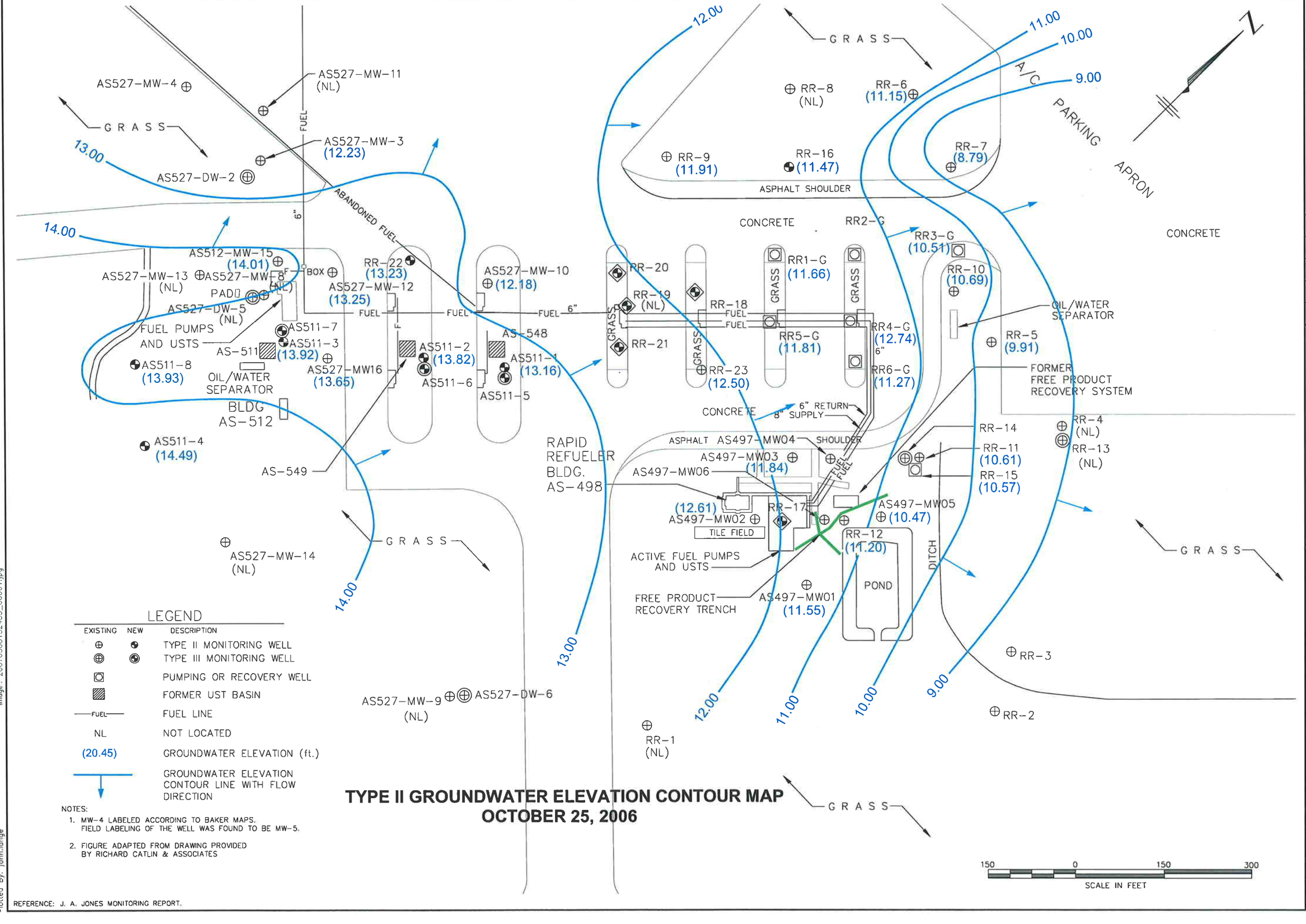
ANNUAL MONITORING REPORT 2006-2007
RAPID REFUELER
NEW RIVER, NORTH CAROLINA

SITE MAP

SCALE: AS SHOWN
SIZE: D
DELIVERY ORDER NO. 061
CONSTR. CONTRACT NO. N62470-02-D-3260
NAVFAC DRAWING NO.
SHEET I.D. 1.3

File: Q:\LEJEUNE-6-05\RAC_IV\TO_46_RAPID FEFUELER\RAPID_REF-MAY-07\RAPID-REF-MAY-07-SITE-1-3.dwg
Plot Date/Time: May 09, 2007 - 10:48am
Plotted By: john.lange
Xref:
Image:

TYPE II GROUNDWATER ELEVATION CONTOUR MAP
OCTOBER 25, 2006



LEGEND

EXISTING	NEW	DESCRIPTION
⊕	◓	TYPE II MONITORING WELL
⊕	◓	TYPE III MONITORING WELL
▣		PUMPING OR RECOVERY WELL
▨		FORMER UST BASIN
—FUEL—		FUEL LINE
NL		NOT LOCATED
(20.45)		GROUNDWATER ELEVATION (ft.)
		GROUNDWATER ELEVATION CONTOUR LINE WITH FLOW DIRECTION

NOTES:
1. MW-4 LABELED ACCORDING TO BAKER MAPS. FIELD LABELING OF THE WELL WAS FOUND TO BE MW-5.
2. FIGURE ADAPTED FROM DRAWING PROVIDED BY RICHARD CATLIN & ASSOCIATES

REFERENCE: J. A. JONES MONITORING REPORT.

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DESIGNED BY	RBK
DRAWN BY	JEL

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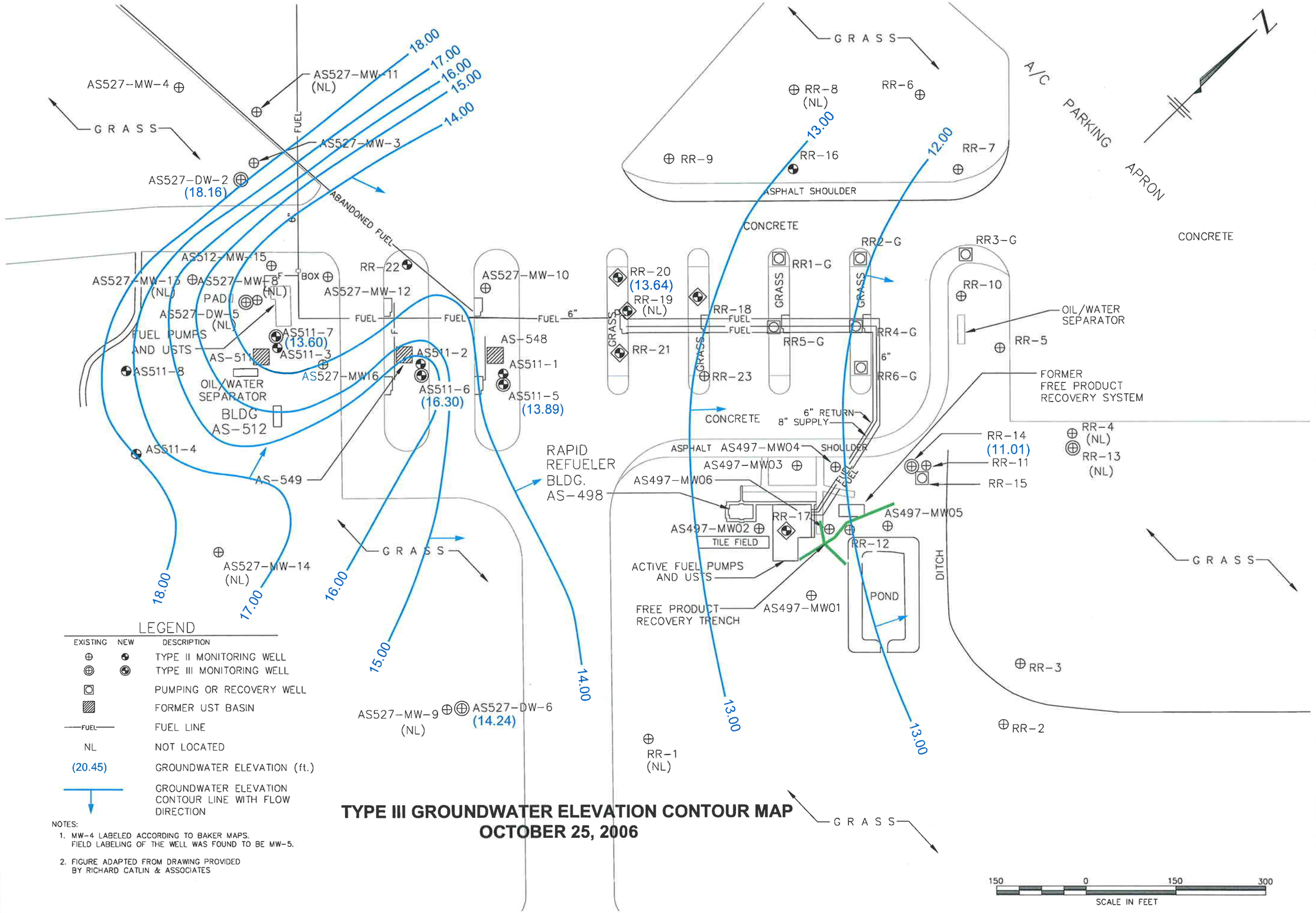
DEPARTMENT OF THE NAVY
NAVAL STATION
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NORFOLK, VIRGINIA
ANNUAL MONITORING REPORT 2006-2007
RAPID REFUELER
NEW RIVER, NORTH CAROLINA

TYPE II WELLS GROUNDWATER ELEVATION CONTOUR MAP

SCALE: AS SHOWN
SIZE: D
DELIVERY ORDER NO. 061
CONSTR. CONTRACT NO. N62470-02-D-3260
NAVFAC DRAWING NO.
SHEET I.D. 3.1

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TYPE III GROUNDWATER ELEVATION CONTOUR MAP
OCTOBER 25, 2006



LEGEND

EXISTING	NEW	DESCRIPTION
⊕	◓	TYPE II MONITORING WELL
⊕	◓	TYPE III MONITORING WELL
▢		PUMPING OR RECOVERY WELL
▨		FORMER UST BASIN
—FUEL—		FUEL LINE
NL		NOT LOCATED
(20.45)		GROUNDWATER ELEVATION (ft.)
		GROUNDWATER ELEVATION CONTOUR LINE WITH FLOW DIRECTION

NOTES:

1. MW-4 LABELED ACCORDING TO BAKER MAPS. FIELD LABELING OF THE WELL WAS FOUND TO BE MW-5.
2. FIGURE ADAPTED FROM DRAWING PROVIDED BY RICHARD CATLIN & ASSOCIATES

REFERENCE: J. A. JONES MONITORING REPORT.

150 0 150 300
SCALE IN FEET

REVISIONS

REV	DATE	BY	CHK'D APP'VD	DESCRIPTION/ISSUE

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NORFOLK, VIRGINIA
NAVAL STATION ATLANTIC DIVISION

ANNUAL MONITORING REPORT 2006-2007
RAPID REFUELER
NEW RIVER, NORTH CAROLINA

TYPE III WELLS GROUNDWATER ELEVATION CONTOUR MAP

SCALE: AS SHOWN
SIZE: D
DELIVERY ORDER NO. 061
CONSTR. CONTRACT NO. N62470-02-D-3260
NAVFAC DRAWING NO.
SHEET I.D. 3.2

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TYPE II GROUNDWATER ELEVATION CONTOUR MAP
MARCH 19, 2007

AS527-MW-4 (12.58)
AS527-MW-11 (NL)
AS527-MW-3 (12.16)
AS527-DW-2
GRASS
FUEL
ABANDONED FUEL
13.00
14.00
15.00
12.00
11.00
AS512-MW-15
AS527-MW-13 (NL)
AS527-MW-8 (NL)
BOX
PAD
AS527-DW-5 (NL)
FUEL PUMPS AND USTS
AS511-7
AS511-3 (14.75)
AS-511
AS511-8 (15.05)
OIL/WATER SEPARATOR
BLDG AS-512
AS527-MW16 (14.29)
AS511-4 (15.71)
AS-549
AS527-MW-14 (NL)
AS527-MW-9 (NL)
AS527-DW-6
RR-22 (13.66)
AS527-MW-12 (13.95)
AS511-2 (14.47)
AS511-6
AS511-5
AS527-MW-10 (13.67)
AS-548
AS511-1 (14.54)
RR-20
RR-19 (NL)
RR-21
RR-23 (13.05)
RR-18
CONCRETE
RR1-G (12.32)
RR2-G (12.52)
RR4-G (12.27)
RR5-G (11.82)
RR6-G (11.72)
RR3-G (10.91)
RR-10 (11.06)
OIL/WATER SEPARATOR
RR-5 (10.79)
FORMER FREE PRODUCT RECOVERY SYSTEM
RR-4 (NL)
RR-13 (NL)
RR-14
RR-11 (10.91)
RR-15 (10.92)
RR-8 (NL)
RR-6 (11.55)
RR-9 (12.43)
RR-16 (11.73)
RR-7 (11.19)
ASPHALT SHOULDER
A/C PARKING APRON
CONCRETE
6" RETURN
8" SUPPLY
ASPHALT SHOULDER
AS497-MW04
AS497-MW03 (12.57)
AS497-MW06 (11.97)
RAPID REFUELER BLDG. AS-498
(13.06)
AS497-MW02
TILE FIELD
RR-17
AS497-MW05 (11.33)
RR-12
POND
DITCH
ACTIVE FUEL PUMPS AND USTS
FREE PRODUCT RECOVERY TRENCH
AS497-MW01 (12.80)
RR-3
RR-2
RR-1 (NL)
GRASS

LEGEND

EXISTING	NEW	DESCRIPTION
⊕	◓	TYPE II MONITORING WELL
⊕	◓	TYPE III MONITORING WELL
▣		PUMPING OR RECOVERY WELL
▨		FORMER UST BASIN
—FUEL—		FUEL LINE
NL		NOT LOCATED
(20.45)		GROUNDWATER ELEVATION (ft.)
		GROUNDWATER ELEVATION CONTOUR LINE WITH FLOW DIRECTION

NOTES:
1. MW-4 LABELED ACCORDING TO BAKER MAPS. FIELD LABELING OF THE WELL WAS FOUND TO BE MW-5.
2. FIGURE ADAPTED FROM DRAWING PROVIDED BY RICHARD CATLIN & ASSOCIATES

REFERENCE: J. A. JONES MONITORING REPORT.

150 0 150 300
SCALE IN FEET

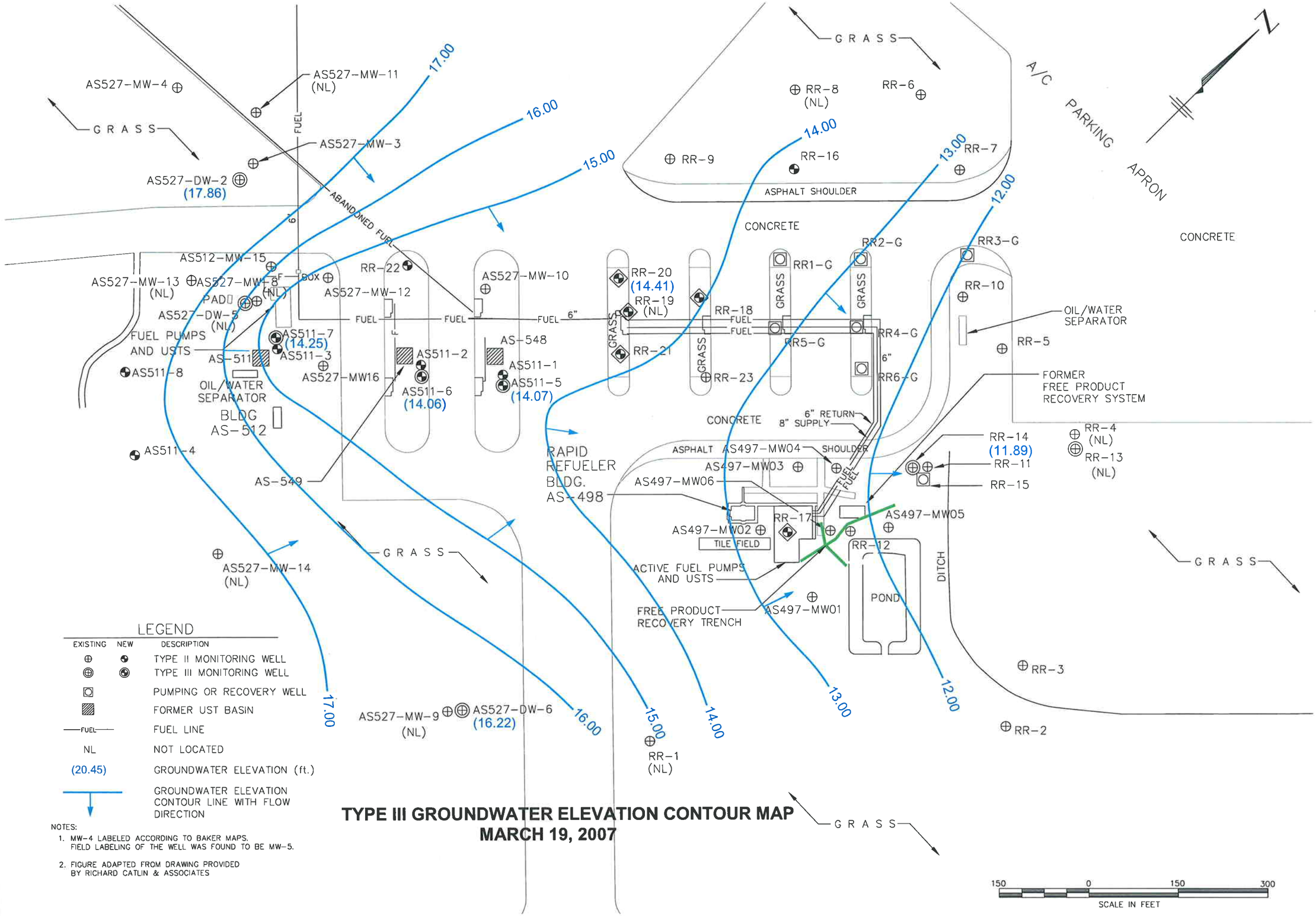
REVISIONS					
REV	DATE	BY	CHK'D	APP'VD	DESCRIPTION/ISSUE

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PROJECT NO. 119909

DEPARTMENT OF THE NAVY
NAVAL STATION ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND NORFOLK, VIRGINIA
ANNUAL MONITORING REPORT 2006-2007
RAPID REFUELER
NEW RIVER, NORTH CAROLINA
TYPE II WELLS GROUNDWATER ELEVATION CONTOUR MAP

SCALE: AS SHOWN | SIZE: D
DELIVERY ORDER NO. 061
CONSTR. CONTRACT NO. N62470-02-D-3260
NAVFAC DRAWING NO.
SHEET I.D. 3.3

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Plotted By: john.lange
Xref:
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LEGEND

EXISTING	NEW	DESCRIPTION
⊕	◓	TYPE II MONITORING WELL
⊕	◉	TYPE III MONITORING WELL
▣		PUMPING OR RECOVERY WELL
▨		FORMER UST BASIN
—FUEL—		FUEL LINE
NL		NOT LOCATED
(20.45)		GROUNDWATER ELEVATION (ft.)
		GROUNDWATER ELEVATION CONTOUR LINE WITH FLOW DIRECTION

NOTES:

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2. FIGURE ADAPTED FROM DRAWING PROVIDED BY RICHARD CATLIN & ASSOCIATES

TYPE III GROUNDWATER ELEVATION CONTOUR MAP
MARCH 19, 2007

REFERENCE: J. A. JONES MONITORING REPORT.

REVISIONS

REV	DATE	BY	CHK'D	APP'VD	DESCRIPTION/ISSUE

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DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	PROJECT NO. 119909
RBK	JEL	RBK		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL STATION ATLANTIC DIVISION NORFOLK, VIRGINIA

ANNUAL MONITORING REPORT 2006-2007
RAPID REFUELER
NEW RIVER, NORTH CAROLINA

TYPE III WELLS GROUNDWATER ELEVATION CONTOUR MAP

SCALE:	SIZE:
AS SHOWN	D

DELIVERY ORDER NO.
061

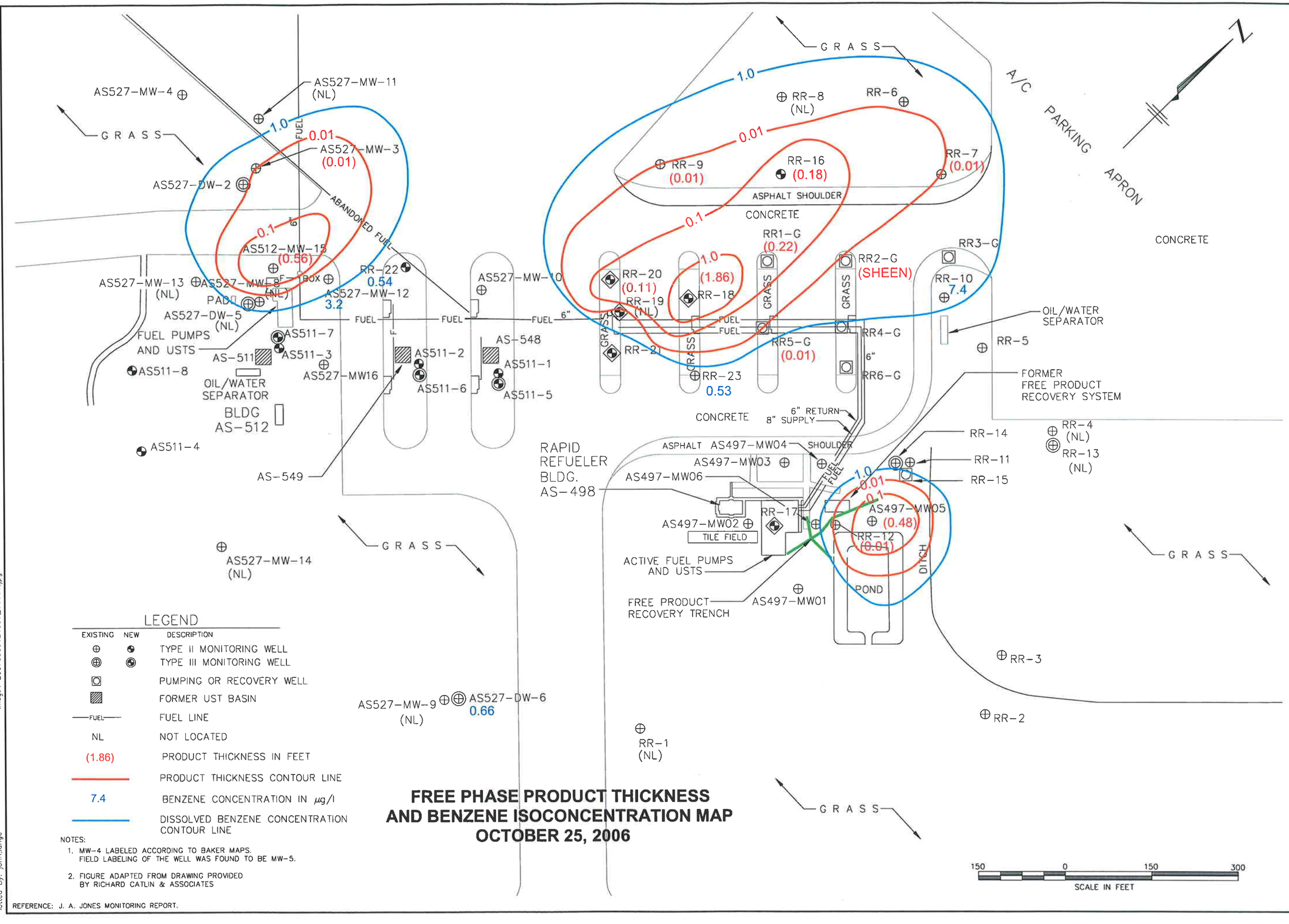
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N62470-02-D-3260

NAVFAC DRAWING NO.

SHEET I.D.
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Image: 20070509100719_00001.jpg
Plotted By: John.Lange

FREE PHASE PRODUCT THICKNESS AND BENZENE ISOCONCENTRATION MAP OCTOBER 25, 2006



LEGEND

EXISTING	NEW	DESCRIPTION
⊕	⊕	TYPE II MONITORING WELL
⊕	⊕	TYPE III MONITORING WELL
▣		PUMPING OR RECOVERY WELL
▨		FORMER UST BASIN
—FUEL—		FUEL LINE
NL		NOT LOCATED
(1.86)		PRODUCT THICKNESS IN FEET
		PRODUCT THICKNESS CONTOUR LINE
7.4		BENZENE CONCENTRATION IN µg/l
		DISSOLVED BENZENE CONCENTRATION CONTOUR LINE

NOTES:
1. MW-4 LABELED ACCORDING TO BAKER MAPS. FIELD LABELING OF THE WELL WAS FOUND TO BE MW-5.
2. FIGURE ADAPTED FROM DRAWING PROVIDED BY RICHARD CATLIN & ASSOCIATES

REFERENCE: J. A. JONES MONITORING REPORT.

REVISIONS

REV	DATE	BY	CHK'D	APP'VD	DESCRIPTION/ISSUE

Shaw Environmental, Inc.

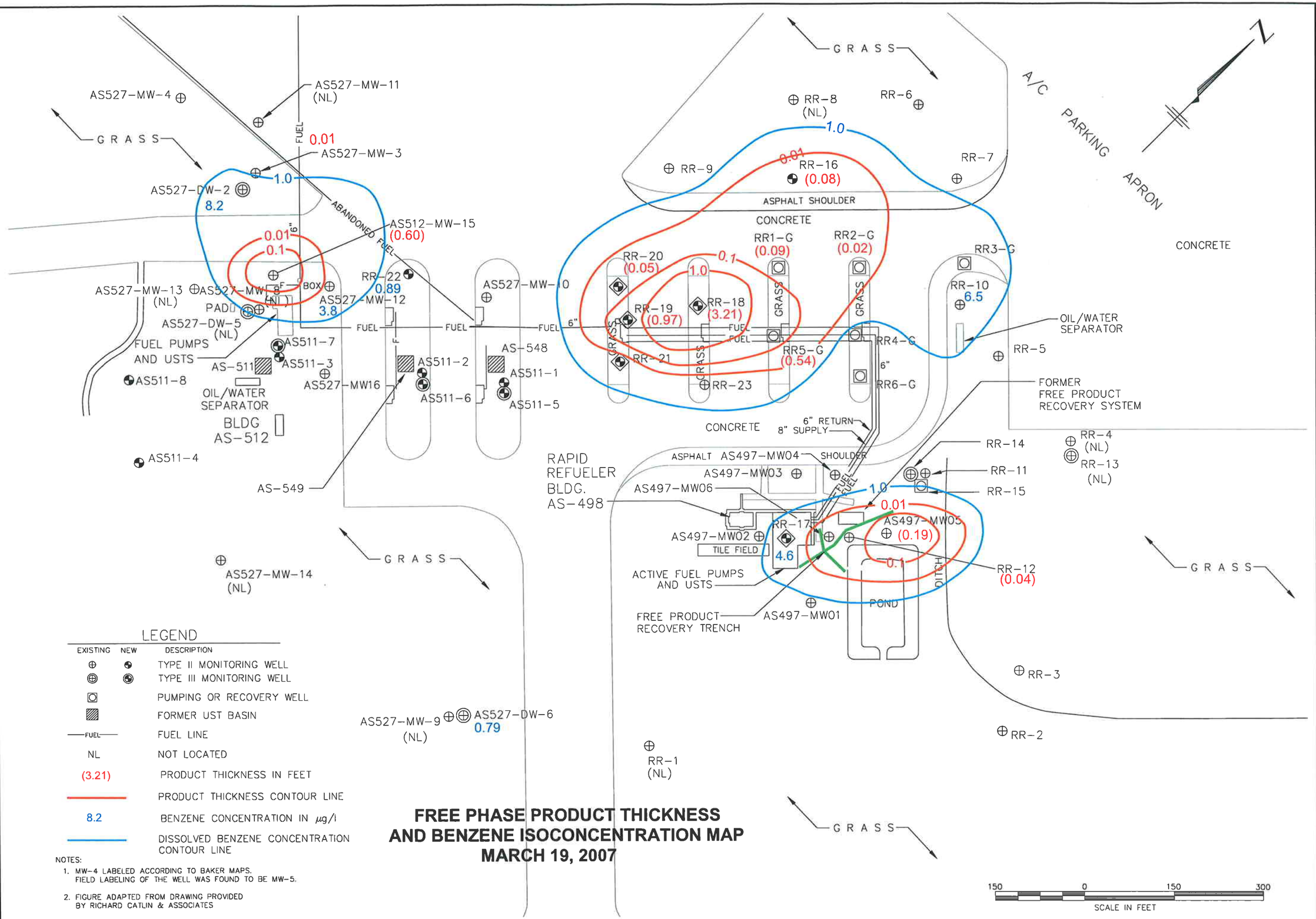
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
JEL		RBK	

PROJECT NO. 119909

DEPARTMENT OF THE NAVY
NAVAL STATION ATLANTIC DIVISION NAVAL FACILITIES ENGINEERING COMMAND NORFOLK, VIRGINIA
ANNUAL MONITORING REPORT 2006-2007
RAPID REFUELER
NEW RIVER, NORTH CAROLINA
FREE PHASE PRODUCT THICKNESS & BENZENE ISOCONCENTRATION MAP

SCALE: AS SHOWN
SIZE: D
DELIVERY ORDER NO. 061
CONSTR. CONTRACT NO. N62470-02-D-3260
NAVFAC DRAWING NO.
SHEET I.D. 3.5

File: O:\LEJEUNE-6-05\RAC_IV\TO_46_RAPID FEFUELER\RAPID_REF-MAY-07\RAPID-REF-MAY-07-OCT-FPP-BEN-3-5.dwg
Xref:
Image: 20070509121059_00001.jpg
Plot Date/Time: May 09, 2007 - 1:09pm
Plotted By: john.lange



LEGEND

EXISTING	NEW	DESCRIPTION
⊕	⊕	TYPE II MONITORING WELL
⊕	⊕	TYPE III MONITORING WELL
▣		PUMPING OR RECOVERY WELL
▨		FORMER UST BASIN
—FUEL—		FUEL LINE
NL		NOT LOCATED
(3.21)		PRODUCT THICKNESS IN FEET
		PRODUCT THICKNESS CONTOUR LINE
8.2		BENZENE CONCENTRATION IN µg/l
		DISSOLVED BENZENE CONCENTRATION CONTOUR LINE

NOTES:
1. MW-4 LABELED ACCORDING TO BAKER MAPS. FIELD LABELING OF THE WELL WAS FOUND TO BE MW-5.
2. FIGURE ADAPTED FROM DRAWING PROVIDED BY RICHARD CATLIN & ASSOCIATES

FREE PHASE PRODUCT THICKNESS AND BENZENE ISOCONCENTRATION MAP MARCH 19, 2007

REFERENCE: J. A. JONES MONITORING REPORT.

File: Q:\LEJEUNE-6-05\RAC_IV\TO_46_RAPID FEFUELER\RAPID_REF-MAY-07\RAPID-REF-MAY-07-MAR-FPP-BEN-3-6.dwg
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Plotted By: John.lange
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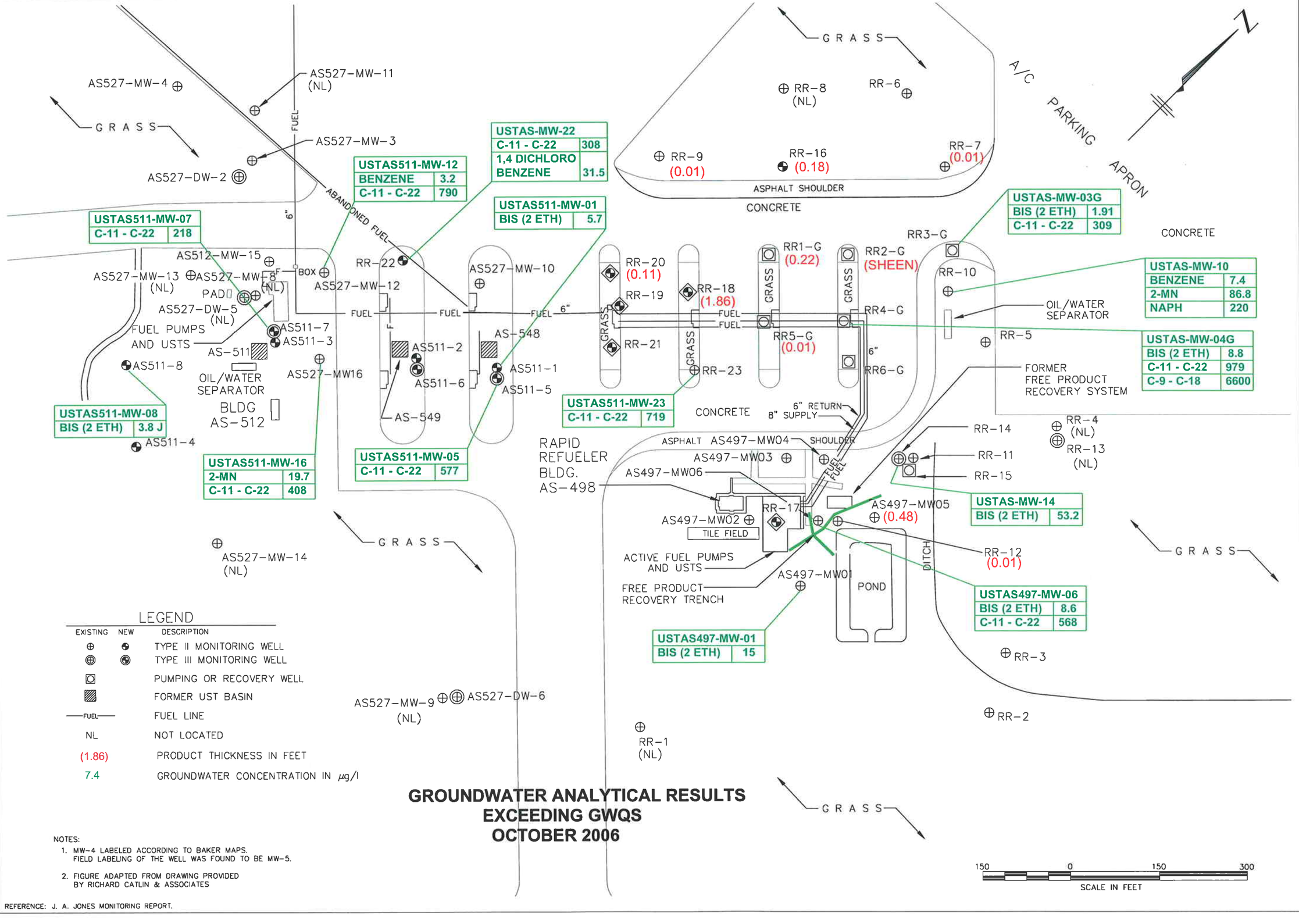
REVISIONS					
DESCRIPTION/ISSUE	CHK'D APP'D	BY	DATE	REV

Shaw Environmental, Inc.
PROJECT NO. 119909
DESIGNED BY: RBK | CHECKED BY: RBK | APPROVED BY: JEL | DRAWN BY:

DEPARTMENT OF THE NAVY
NAVAL STATION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA
ATLANTIC DIVISION
ANNUAL MONITORING REPORT 2006-2007
RAPID REFUELER
NEW RIVER, NORTH CAROLINA
FREE PHASE PRODUCT THICKNESS & BENZENE ISOCONCENTRATION MAP

SCALE: AS SHOWN
SIZE: D
DELIVERY ORDER NO. 061
CONSTR. CONTRACT NO. N62470-02-D-3260
NAVFAC DRAWING NO.
SHEET I.D. 3.6

GROUNDWATER ANALYTICAL RESULTS EXCEEDING GWQS OCTOBER 2006



LEGEND

EXISTING	NEW	DESCRIPTION
⊕	◒	TYPE II MONITORING WELL
⊕	◒	TYPE III MONITORING WELL
▣		PUMPING OR RECOVERY WELL
▨		FORMER UST BASIN
—FUEL—		FUEL LINE
NL		NOT LOCATED
(1.86)		PRODUCT THICKNESS IN FEET
7.4		GROUNDWATER CONCENTRATION IN µg/l

NOTES:
1. MW-4 LABELED ACCORDING TO BAKER MAPS. FIELD LABELING OF THE WELL WAS FOUND TO BE MW-5.
2. FIGURE ADAPTED FROM DRAWING PROVIDED BY RICHARD CATLIN & ASSOCIATES

REFERENCE: J. A. JONES MONITORING REPORT.

REVISIONS

REV	DATE	BY	CHK'D/APR'VD	DESCRIPTION/ISSUE

Shaw Environmental, Inc.
DESIGNED BY RBK | DRAWN BY JEL | CHECKED BY RBK | APPROVED BY
PROJECT NO. 119909

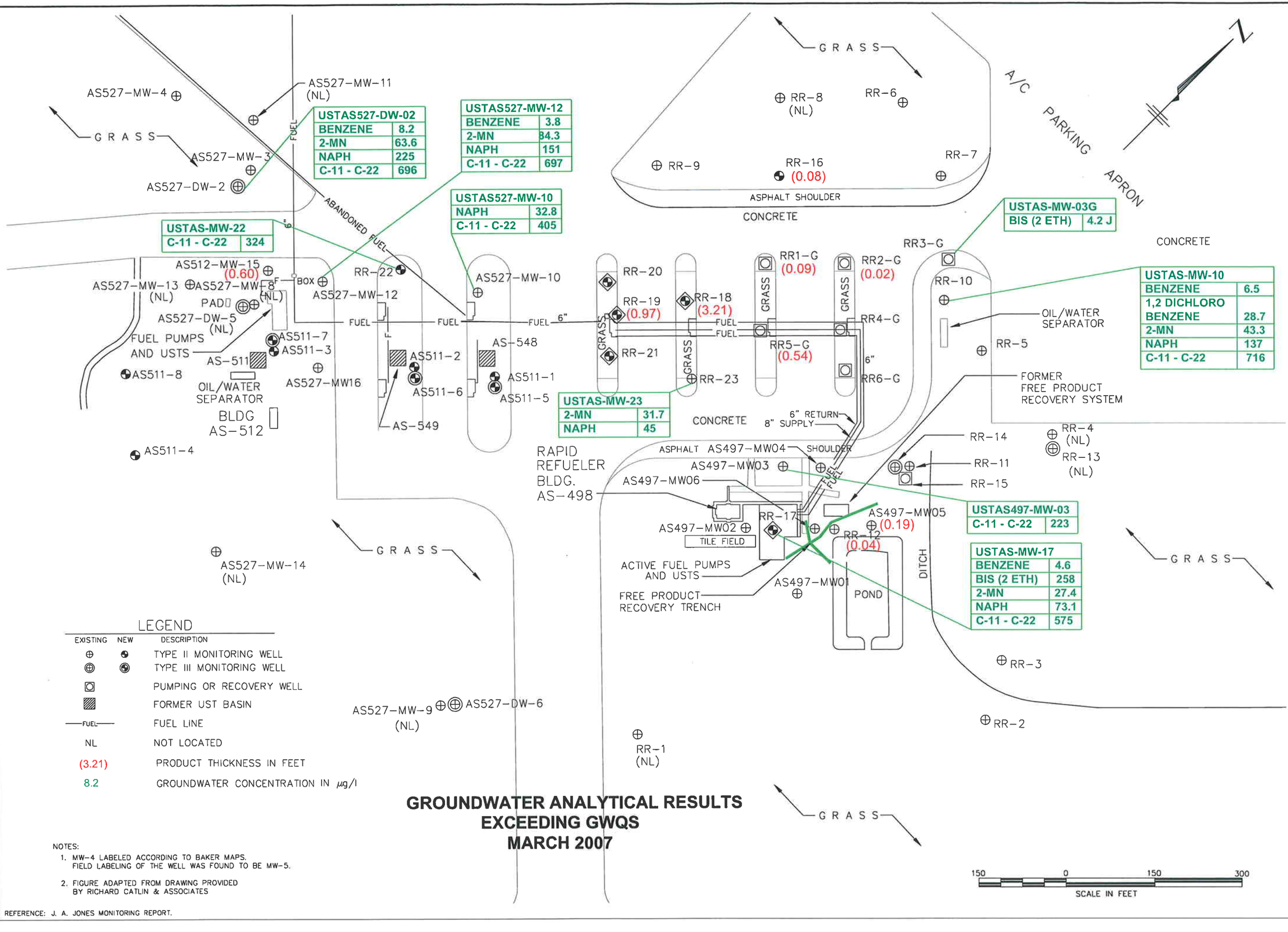
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL STATION ATLANTIC DIVISION NORFOLK, VIRGINIA

ANNUAL MONITORING REPORT 2006-2007
RAPID REFUELER
NEW RIVER, NORTH CAROLINA

GROUNDWATER ANALYTICAL RESULTS

SCALE: AS SHOWN | SIZE: D
DELIVERY ORDER NO. 061
CONSTR. CONTRACT NO. N62470-02-D-3260
NAVFAC DRAWING NO.
SHEET I.D. 3.7

File: Q:\LEJEUNE-6-05\RAC_IV\TO_46_RAPID FEFUELER\RAPID_REF-MAY-07\RAPID-REF-MAY-07-OCT-ANALY-3-7.dwg
Plot Date/Time: May 10, 2007 - 10:11am
Plotted By: john.lange
Xref :
Image :



LEGEND

EXISTING	NEW	DESCRIPTION
⊕	◕	TYPE II MONITORING WELL
⊕	◕	TYPE III MONITORING WELL
▣		PUMPING OR RECOVERY WELL
▨		FORMER UST BASIN
—FUEL—		FUEL LINE
NL		NOT LOCATED
(3.21)		PRODUCT THICKNESS IN FEET
8.2		GROUNDWATER CONCENTRATION IN µg/l

GROUNDWATER ANALYTICAL RESULTS EXCEEDING GWQS MARCH 2007

NOTES:
1. MW-4 LABELED ACCORDING TO BAKER MAPS. FIELD LABELING OF THE WELL WAS FOUND TO BE MW-5.
2. FIGURE ADAPTED FROM DRAWING PROVIDED BY RICHARD CATLIN & ASSOCIATES

REFERENCE: J. A. JONES MONITORING REPORT.

REVISIONS

REV	DATE	BY	CHK'D	APP'VD	DESCRIPTION/ISSUE

Shaw Environmental, Inc.

DESIGNED BY RBK | DRAWN BY JEL | CHECKED BY RBK | APPROVED BY | PROJECT NO. 119909

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL STATION ATLANTIC DIVISION NORFOLK, VIRGINIA

ANNUAL MONITORING REPORT 2006-2007
RAPID REFUELER
NEW RIVER, NORTH CAROLINA

GROUNDWATER ANALYTICAL RESULTS

SCALE: AS SHOWN | SIZE: D
DELIVERY ORDER NO. 061
CONSTR. CONTRACT NO. N62470-02-D-3260
NAVFAC DRAWING NO.
SHEET I.D. 3.8

File: Q:\LEJEUNE-6-05\RAC_IV\TO_46_RAPID FEFUELER\RAPID_REF-MAY-07\RAPID-REF-MAY-07-MAR-07-ANALY-3-8.dwg
Plot Date/Time: May 10, 2007 - 10:04am
Plotted By: john.lange
Xref:
Image:

APPENDIX A

GROUNDWATER SAMPLE COLLECTION FIELD LOGS
OCTOBER 2006

UST RR - MW 05

Shaw
Shaw Environmental & Infrastructure, Inc.

WELL OR GROUND WATER DATA SHEET

PROJECT NUMBER: 119909	
PROJECT NAME: Rapid Refueler	
WELL NO. RR-MW 05	
SAMPLE NO. RR-MW 05	
PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser
PHONE: 910-451-2390	WEATHER:
LEL:	Well Locked: [X] Yes
PID:	Sampling Device: Bailer

DATE 10/30/2006
TIME 1000
☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	23.24				22.43		(°C)
Specific Conductivity	0.260				0.312		(mS/cm°)
Dissolved Oxygen (DO)	-6.35				8.74		(mg/L)
PH	6.68				6.69		(STD)
ORP	-61.3				-67.9		mV
Turbidity (Turb)	54.7				15.5		(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)
r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]

OTHER: ☐

USTRR - MW10

Shaw Environmental & Infrastructure, Inc.	WELL OR GROUND WATER DATA SHEET	PROJECT NUMBER: 119909
		PROJECT NAME: Rapid Refueler
		WELL NO. RR - MW10
		SAMPLE NO. RR-MW10

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 10/30/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 1030
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	23.48			22.88			(°C)
Specific Conductivity	0.291			0.249			(mS/cm°)
Dissolved Oxygen (DO)	~11.25			3.69			(mg/L)
PH	6.41			6.25			(STD)
ORP	~43.2			-40.3			mV
Turbidity (Turb)	89.9			6.5			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST RR - MW 11

Shaw Environmental & Infrastructure, Inc.	WELL OR GROUND WATER DATA SHEET	PROJECT NUMBER: 119909
		PROJECT NAME: Rapid Refueler
		WELL NO. RR - MW 11
		SAMPLE NO. RR - MW 11

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 10/30/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 0930
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	22.19			22.29			(°C)
Specific Conductivity	0.328			0.262			(mS/cm°)
Dissolved Oxygen (DO)	-1.11			13.51			(mg/L)
PH	6.93			6.51			(STD)
ORP	-88.4			-40.7			mV
Turbidity (Turb)	73.4			25.2			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=	HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=	HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Cubic in.	Vol. Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST RR-MW14

Shaw Environmental & Infrastructure, Inc.	WELL OR GROUND WATER DATA SHEET	PROJECT NUMBER: 119909 PROJECT NAME: Rapid Refueler WELL NO. RR-MW 14 SAMPLE NO. RR-MW 14

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 10/30/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 0915
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	19.75			20.88			(°C)
Specific Conductivity	0.208			0.316			(mS/cm°)
Dissolved Oxygen (DO)	0.71			9.92			(mg/L)
PH	7.81			7.65			(STD)
ORP	-129.0			-108.9			mV
Turbidity (Turb)	34.4			92.0			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=	HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=	HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST RR - MW15

Shaw
Shaw Environmental & Infrastructure, Inc.

WELL OR GROUND WATER DATA SHEET

PROJECT NUMBER: 119909	
PROJECT NAME: Rapid Refueler	
WELL NO. RR-MW15	
SAMPLE NO. RR-MW15	
PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser
DATE 10/30/2006	
PROJECT ~~CONTACT~~: Mark Martin	SAMPLER: K. Jones/J. Mauser
TIME 0850	
PHONE: 910-451-2390	WEATHER: 60°F Clear-Calm 45%RH
LEL:	Well Locked: [X] Yes
PID:	Sampling Device: Bailer
	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	19.93			19.78			(°C)
Specific Conductivity	0.365			0.384			(mS/cm°)
Dissolved Oxygen (DO)	~15.80			3.40			(mg/L)
PH	7.33			7.48			(STD)
ORP	~76.5			-114.5			mV
Turbidity (Turb)	9.2			4.9			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=	HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=	HT (ft)

d = 2 MEASUREMENTS (IN INCHES)
r = 1 Multiply Together
d/2 = 1

	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST RR - MW21

Shaw Environmental & Infrastructure, Inc.	WELL OR GROUND WATER DATA SHEET	PROJECT NUMBER: 119909
		PROJECT NAME: Rapid Refueler
		WELL NO. RR-MW 21
		SAMPLE NO. RR-MW 21

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 10/31/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 0945
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	23.61			23.11			(°C)
Specific Conductivity	0002			0.107			(mS/cm°)
Dissolved Oxygen (DO)	27.36			42.71			(mg/L)
PH	6.19			6.13			(STD)
ORP	19.0			64.7			mV
Turbidity (Turb)	153.3			72.6			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST RR - MW 22

Shaw
Shaw Environmental & Infrastructure, Inc.

WELL OR GROUND WATER DATA SHEET

PROJECT NUMBER: 119909	
PROJECT NAME: Rapid Refueler	
WELL NO. RR - MW 22	
SAMPLE NO. RR-MW 22	
PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser
PHONE: 910-451-2390	WEATHER:
LEL:	Well Locked: [X] Yes
PID:	Sampling Device: Bailer ☐ No
DATE 10/27/2006	
TIME 0915	

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	22.15			22.56			(°C)
Specific Conductivity	0.103			0.104			(mS/cm°)
Dissolved Oxygen (DO)	-392			-14.04			(mg/L)
PH	6.06			6.51			(STD)
ORP	-34.9			-109.0			mV
Turbidity (Turb)	13.8			6.5			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)
r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST RR-MW23

Shaw Environmental & Infrastructure, Inc.	WELL OR GROUND WATER DATA SHEET	PROJECT NUMBER: 119909
		PROJECT NAME: Rapid Refueler
		WELL NO. RR-MW 23
		SAMPLE NO. RR-MW 23

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 10/31/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 0915
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	24.06			24.14			(°C)
Specific Conductivity	0.252			0.102			(mS/cm°)
Dissolved Oxygen (DO)	17.11			48.11			(mg/L)
PH	6.53			6.42			(STD)
ORP	-67.4			-88.4			mV
Turbidity (Turb)	648.5			336.7			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=	HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=	HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST RR - MW 36

Shaw Environmental & Infrastructure, Inc.	WELL OR GROUND WATER DATA SHEET	PROJECT NUMBER: 119909
		PROJECT NAME: Rapid Refueler
		WELL NO. RR - MW 36
		SAMPLE NO RR - MW 36

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 10/30/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 1100
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	22.99			22.73			(°C)
Specific Conductivity	0.463			0.469			(mS/cm°)
Dissolved Oxygen (DO)	-9.10			-3.21			(mg/L)
PH	6.67			6.89			(STD)
ORP	-53.8			-49.8			mV
Turbidity (Turb)	14.0			9.4			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST RR-MW4G

Shaw Environmental & Infrastructure, Inc.	WELL OR GROUND WATER DATA SHEET	PROJECT NUMBER: 119909
		PROJECT NAME: Rapid Refueler
		WELL NO. RR-MW 4 G
		SAMPLE NO. RR-MW 4 G

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 10/31/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 0900
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	23.08			23.39			(°C)
Specific Conductivity	0.554			0.549			(mS/cm°)
Dissolved Oxygen (DO)	12.12			13.63			(mg/L)
PH	6.80			6.79			(STD)
ORP	-75.5			-77.5			mV
Turbidity (Turb)	4.3			3.6			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST RR-MW 6 G

Shaw Environmental & Infrastructure, Inc.	WELL OR GROUND WATER DATA SHEET	PROJECT NUMBER: 119909
		PROJECT NAME: Rapid Refueler
		WELL NO. RR-MW 6 G
		SAMPLE NO. RR MW 6 G

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 10/31/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 0845
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	21.39			22.20			(°C)
Specific Conductivity	0.651			0.693			(mS/cm°)
Dissolved Oxygen (DO)	15.89			13.14			(mg/L)
PH	7.00			6.80			(STD)
ORP	-63.6			-743			mV
Turbidity (Turb)	10.9			9.9			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST AS 511 - MW01

Shaw Environmental & Infrastructure, Inc.	WELL OR GROUND WATER DATA SHEET	PROJECT NUMBER: 119909 PROJECT NAME: Rapid Refueler WELL NO. 511-MW01 SAMPLE NO. 511-MW01

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 12/27/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 1030
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	20.85			21.48			(°C)
Specific Conductivity	0.132			0.227			(mS/cm°)
Dissolved Oxygen (DO)	-0.51			-16.30			(mg/L)
PH	6.15			6.27			(STD)
ORP	-39.6			-69.8			mV
Turbidity (Turb)	175.1			293.6			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST A5511-MW02

Shaw Environmental & Infrastructure, Inc.	WELL OR GROUND WATER DATA SHEET	PROJECT NUMBER: 119909
		PROJECT NAME: Rapid Refueler
		WELL NO. 511 - MW 02
		SAMPLE NO. 511 - MW 02

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 10/27/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 0950
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	21.32			21.59			(°C)
Specific Conductivity	0.224			0.382			(mS/cm°)
Dissolved Oxygen (DO)	-8.67			-2.59			(mg/L)
PH	7.10			6.29			(STD)
ORP	-92.9			-6.8			mV
Turbidity (Turb)	19.4			10.3			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=	HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=	HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1

	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

USTAS511-MW03

Shaw Environmental & Infrastructure, Inc.	WELL OR GROUND WATER DATA SHEET	PROJECT NUMBER: 119909
		PROJECT NAME: Rapid Refueler
		WELL NO. 511-MW 03
		SAMPLE NO. 511-MW 03

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 10/26/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 1200
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	21.26			21.78			(°C)
Specific Conductivity	0.131			0.238			(mS/cm°)
Dissolved Oxygen (DO)	16.66			9.12			(mg/L)
PH	5.73			5.88			(STD)
ORP	50.8			51.6			mV
Turbidity (Turb)	144.6			148.2			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

US TA 511- MW04

Shaw
Shaw Environmental & Infrastructure, Inc.

WELL OR GROUND WATER DATA SHEET

PROJECT NUMBER: 119909	
PROJECT NAME: Rapid Refueler	
WELL NO. 511 -MW04	
SAMPLE NO. 511 -MW04	
PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser
PHONE: 910-451-2390	WEATHER:
LEL:	Well Locked: [X] Yes
PID:	Sampling Device: Bailer ☐ No

DATE 6/26/2006

TIME 1345

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	21.75			21.71			(°C)
Specific Conductivity	0.049			0.045			(mS/cm°)
Dissolved Oxygen (DO)	54.36			72.54			(mg/L)
PH	5.27			5.25			(STD)
ORP	239.2			218.4			mV
Turbidity (Turb)	339.1			86.3			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1

	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

USTAS511-MW05

Shaw Environmental & Infrastructure, Inc.	WELL OR GROUND WATER DATA SHEET	PROJECT NUMBER: 119909 PROJECT NAME: Rapid Refueler WELL NO. 511-MW 05 SAMPLE NO. 511-MW 05

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 10/17/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 1100
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	19.61			20.51			(°C)
Specific Conductivity	0.081			0.137			(mS/cm°)
Dissolved Oxygen (DO)	-16.94			-2.30			(mg/L)
PH	6.96			7.02			(STD)
ORP	-74.8			-67.1			mV
Turbidity (Turb)	25.9			56.2			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST AS 511 - MW 06

Shaw
Shaw Environmental & Infrastructure, Inc.

WELL OR GROUND WATER DATA SHEET

PROJECT NUMBER: 119909	
PROJECT NAME: Rapid Refueler	
WELL NO. 511 - MW 06	
SAMPLE NO. 511 - MW 06	
PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser
PHONE: 910-451-2390	WEATHER:
LEL:	Well Locked: [X] Yes
PID:	Sampling Device: Bailer

DATE 10/17/2006
TIME 0940
☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	19.73			19.90			(°C)
Specific Conductivity	0.099			0.289			(mS/cm°)
Dissolved Oxygen (DO)	-0.54			-0.13			(mg/L)
PH	6.92			7.01			(STD)
ORP	-107.9			-108.3			mV
Turbidity (Turb)	292.0			215.2			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=	HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=	HT (ft)

d = 2 MEASUREMENTS (IN INCHES)
r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST AS511-MW07

Shaw
Shaw Environmental & Infrastructure, Inc.

WELL OR GROUND WATER DATA SHEET

PROJECT NUMBER: 119909	
PROJECT NAME: Rapid Refueler	
WELL NO. S11-MW 07	
SAMPLE NO. S11-MW 07	
PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser
PHONE: 910-451-2390	WEATHER:
LEL:	Well Locked: [X] Yes
PID:	Sampling Device: Bailer

DATE 10/26/2006
TIME 1130
☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	19.01			18.79			(°C)
Specific Conductivity	0.166			0.200			(mS/cm°)
Dissolved Oxygen (DO)	2.47			1.25			(mg/L)
PH	6.48			7.35			(STD)
ORP	-34.7			-111.0			mV
Turbidity (Turb)	1074.5			333.0			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2
r = 1
d/2 = 1

MEASUREMENTS (IN INCHES)
Multiply Together

	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

WST AS 511-MW08

Shaw Environmental & Infrastructure, Inc.	WELL OR GROUND WATER DATA SHEET	PROJECT NUMBER: 119909
		PROJECT NAME: Rapid Refueler
		WELL NO. 511-MW08
		SAMPLE NO. 511-MW 08

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 10/26/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 1320
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	21.96			21.79			(°C)
Specific Conductivity	0.122			0.111			(mS/cm°)
Dissolved Oxygen (DO)	10.75			23.51			(mg/L)
PH	6.75			5.90			(STD)
ORP	22.8			136.4			mV
Turbidity (Turb)	61.4			27.1			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST AS 527-MW04

Shaw Environmental & Infrastructure, Inc.	WELL OR GROUND WATER DATA SHEET	PROJECT NUMBER: 119909 PROJECT NAME: Rapid Refueler WELL NO. 527-MW04 SAMPLE NO. 527-MW04

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 10/31/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 1615
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	23.39			22.96			(°C)
Specific Conductivity	0.177			0.128			(mS/cm°)
Dissolved Oxygen (DO)	47.12			41.56			(mg/L)
PH	8.13			4.57			(STD)
ORP	244.0			316.8			mV
Turbidity (Turb)	1.8			0.1			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

USTA5527-MW12

Shaw Environmental & Infrastructure, Inc.	WELL OR GROUND WATER DATA SHEET	PROJECT NUMBER: 119909
		PROJECT NAME: Rapid Refueler
		WELL NO. 527-MW12
		SAMPLE NO. 527-MW12

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 10/26/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 1030
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	18.43			20.72			(°C)
Specific Conductivity	0.271			0.290			(mS/cm°)
Dissolved Oxygen (DO)	10.03			5.37			(mg/L)
PH	4.63			4.58			(STD)
ORP	120.0			130.3			mV
Turbidity (Turb)	68.2			14.4			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST AS527-DW06

Shaw
Shaw Environmental & Infrastructure, Inc.

WELL OR GROUND WATER DATA SHEET

PROJECT NUMBER: 119909
PROJECT NAME: Rapid Refueler
WELL NO. 527-DW06
SAMPLE NO. 527-DW06

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 10/30/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 1400
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	21.52			20.09			(°C)
Specific Conductivity	0.391			0.398			(mS/cm°)
Dissolved Oxygen (DO)	12.18			20.42			(mg/L)
PH	7.90			7.49			(STD)
ORP	60.2			-75.6			mV
Turbidity (Turb)	188.2			73.2			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)
r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST AS 512-MW16

Shaw Environmental & Infrastructure, Inc.	WELL OR GROUND WATER DATA SHEET	PROJECT NUMBER: 119909
		PROJECT NAME: Rapid Refueler
		WELL NO. 512-MW16
		SAMPLE NO. 512-MW16

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 10/26/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 1100
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	20.74			21.70			(°C)
Specific Conductivity	0.859			0.120			(mS/cm°)
Dissolved Oxygen (DO)	6.35			11.99			(mg/L)
PH	7.21			5.03			(STD)
ORP	4.94			74.2			mV
Turbidity (Turb)	271.3			8.2			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

USTA5-497-MW01

Shaw
Shaw Environmental & Infrastructure, Inc.

WELL OR GROUND WATER DATA SHEET

PROJECT NUMBER: 119909	
PROJECT NAME: Rapid Refueler	
WELL NO. 497-MW 01	
SAMPLE NO. 497-MW 01	
PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser
PHONE: 910-451-2390	WEATHER:
LEL:	Well Locked: [X] Yes
PID:	Sampling Device: Bailer ☐ No

DATE 10/24/2006
TIME 1320

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	20.21			20.92			(°C)
Specific Conductivity	0.312			0.192			(mS/cm°)
Dissolved Oxygen (DO)	0.43			1.28			(mg/L)
PH	6.72			6.41			(STD)
ORP	-74.0			-30.4			mV
Turbidity (Turb)	528.9			34.5			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)
r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST AS 497-MW02

Shaw
Shaw Environmental & Infrastructure, Inc.

WELL OR GROUND WATER DATA SHEET

PROJECT NUMBER: 119909	
PROJECT NAME: Rapid Refueler	
WELL NO. 497-MW02	
SAMPLE NO. 497-MW02	
PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser
PHONE: 910-451-2390	WEATHER:
LEL:	Well Locked: [X] Yes
PID:	Sampling Device: Bailer ☐ No

DATE 10/25/2006
TIME 0930

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	20.15			21.10			(°C)
Specific Conductivity	0.254			0.309			(mS/cm°)
Dissolved Oxygen (DO)	8.77			8.76			(mg/L)
PH	5.36			5.01			(STD)
ORP	144.4			213.6			mV
Turbidity (Turb)	81.2			319.3			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=	HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=	HT (ft)

d = 2 MEASUREMENTS (IN INCHES)
r = 1 Multiply Together
d/2 = 1

	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

USTA5457-MW03

Shaw
Shaw Environmental & Infrastructure, Inc.

WELL OR GROUND WATER DATA SHEET

PROJECT NUMBER: 119909	
PROJECT NAME: Rapid Refueler	
WELL NO. 497-MW03	
SAMPLE NO. USTA 497-MW03	
PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser
PHONE: 910-451-2390	WEATHER:
LEL:	Well Locked: [X] Yes
PID:	Sampling Device: Bailer ☐ No
DATE 10/24/2006	
TIME 1200	

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	21.01			21.25			(°C)
Specific Conductivity	0.063			0.062			(mS/cm°)
Dissolved Oxygen (DO)	0.98			1.18			(mg/L)
PH	5.54			5.62			(STD)
ORP	122.1			103.6			mV
Turbidity (Turb)	438.6			84.4			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)
r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST A5497-MW04

Shaw Environmental & Infrastructure, Inc.	WELL OR GROUND WATER DATA SHEET	PROJECT NUMBER: 119909
		PROJECT NAME: Rapid Refueler
		WELL NO. 497-MW04
		SAMPLE NO. UST A5497-MW04

PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser	DATE 10/24/2006
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser	TIME 1115
PHONE: 910-451-2390	WEATHER:	
LEL:		Well Locked: [X] Yes
PID:	Sampling Device: Bailer	☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	21.01			21.38			(°C)
Specific Conductivity	0.085			0.134			(mS/cm°)
Dissolved Oxygen (DO)	1.20			0.99			(mg/L)
PH	5.91			5.62			(STD)
ORP	69.2			97.1			mV
Turbidity (Turb)	23.4			8.7			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=		HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=		HT (ft)

d = 2 MEASUREMENTS (IN INCHES)

r = 1 Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

UST A5497-MW06

Shaw
Shaw Environmental & Infrastructure, Inc.

WELL OR GROUND WATER DATA SHEET

PROJECT NUMBER: 119909	
PROJECT NAME: Rapid Refueler	
WELL NO. 497-MW06	
SAMPLE NO. 497-MW 06	
PROJECT LOCATION: Camp Lejeune	LOGGER: K. Jones/J. Mauser
PROJECT CONTACT: Mark Martin	SAMPLER: K. Jones/J. Mauser
PHONE: 910-451-2390	WEATHER:
LEL:	
PID:	Sampling Device: Bailer

DATE 10/24/2006
TIME 1730
Well Locked: [X] Yes ☐ No

FIELD MEASUREMENTS

	1	2	3	4			
Temperature (Temp)	19.33			19.39			(°C)
Specific Conductivity	0.839			0.855			(mS/cm°)
Dissolved Oxygen (DO)	1.24			0.65			(mg/L)
PH	6.51			7.50			(STD)
ORP	-45.2			-133.7			mV
Turbidity (Turb)	147.7			96.9			(NTU)

Depth to Bottom		(In) (Minus)	Depth to Water		(In)	=	HT (in)
Depth to Bottom		(Ft) (Minus)	Depth to Water		(Ft)	=	HT (ft)

d = 2 MEASUREMENTS (IN INCHES)
r = 1
Multiply Together

d/2 = 1	BOTTOM	TOP	Layer Thickness	r^2	Π	Vol. Cubic in.	Conversion Factor	EST. GALLONS		Purge Vol.	Vol. Purged
TOP				1	3.14		.0043				
Middle					3.14		.0043				
Bottom					3.14		.0043				
Total					3.14		.0043				

ANALYTE	CONTAINER NUMBER	SIZE	PRESERVATIVE

COMMENTS:

PURGE DISCHARGED:	DRUM: ☐	DRUM#	SITE TREATMENT: [X]
OTHER: ☐			

APPENDIX B

GROUNDWATER SAMPLE COLLECTION FIELD LOGS
MARCH 2007

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR2
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW02
Date:	3/21/2007	Well Condition:	Good
Weather:	60s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	4	Water Column (feet):	9.65
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.57
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1053
Initial Depth to Water from TOC (feet):	4.42	Total Volume Purged (gal):	2
Product Thickness (feet):	N/A	Sample Time/Date	1130
Total Depth from TOC (feet):	14.07	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1117	200	1.5	5.34	0.044	15.86	0.75	15.6	28.7	
1120			5.34	0.043	15.81	0.69	10.9	27.8	
1123			5.34	0.043	15.88	0.68	7.26	27.6	
1126		2	5.34	0.043	15.83	0.67	8.16	27.2	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR3
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW03
Date:	3/21/2007	Well Condition:	Good
Weather:	60s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	4	Water Column (feet):	9.10
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.48
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1150
Initial Depth to Water from TOC (feet):	4.85	Total Volume Purged (gal):	2
Product Thickness (feet):	N/A	Sample Time/Date	1225
Total Depth from TOC (feet):	13.95	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^C)	Temp (^oC)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1212	200	1.5	6.59	0.325	15.72	0.37	19.9	-27.1	
1215			6.62	0.328	15.67	0.40	17.1	-25.7	
1218			6.63	0.335	15.67	0.36	11.7	-25.0	
1221		2	6.64	0.336	15.69	0.35	12.0	-25.4	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR5
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW05
Date:	3/20/2007	Well Condition:	Good
Weather:	60s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	4	Water Column (feet):	7.44
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.21
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1318
Initial Depth to Water from TOC (feet):	7.02	Total Volume Purged (gal):	2
Product Thickness (feet):	N/A	Sample Time/Date	1355
Total Depth from TOC (feet):	14.46	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1344	200	1.5	6.61	0.467	17.46	0.19	18.3	-71.3	
1347			6.60	0.473	17.60	0.15	15.9	-71.3	
1350			6.59	0.475	17.59	0.15	13.0	-71.4	
1353		2	6.60	0.4.77	17.57	0.14	11.9	-71.7	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR6
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW06
Date:	3/22/2007	Well Condition:	Good
Weather:	70s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	4	Water Column (feet):	9.08
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.48
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1458
Initial Depth to Water from TOC (feet):	4.00	Total Volume Purged (gal):	2
Product Thickness (feet):	N/A	Sample Time/Date	1550
Total Depth from TOC (feet):	13.08	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1536	200	1.5	5.75	0.080	15.81	0.24	14.7	-49.3	
1539			5.74	0.080	15.81	0.22	13.9	-49.5	
1542			5.75	0.080	15.83	0.22	12.8	-49.8	
1545		2	5.76	0.080	15.80	0.22	12.7	-50.1	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Heavy organic debris in purge water.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR7
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW07
Date:	3/22/2007	Well Condition:	Good
Weather:	70s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	4"	Water Column (feet):	8.30
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.35
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1408
Initial Depth to Water from TOC (feet):	6.40	Total Volume Purged (gal):	2.25
Product Thickness (feet):	N/A	Sample Time/Date	1445
Total Depth from TOC (feet):	14.70	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1429	200	1.5	10.61	0.119	16.89	0.63	15.3	0.3	
1432			10.49	0.127	16.81	0.50	13.9	-5.9	
1435			10.41	0.130	16.77	0.47	9.68	-8.7	
1438			10.01	0.131	16.80	0.45	9.48	-11.6	
1441		2.25	10.12	0.132	16.83	0.42	6.60	-12.4	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PH fluctuating up/down and not stabilized; organic matter in purge water.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR9
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW09
Date:	3/23/2007	Well Condition:	Good
Weather:	60s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	4"	Water Column (feet):	6.61
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.07
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	O945
Initial Depth to Water from TOC (feet):	8.38	Total Volume Purged (gal):	2
Product Thickness (feet):	N/A	Sample Time/Date	1025
Total Depth from TOC (feet):	14.99	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^C)	Temp (^oC)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1010	200	1.5	5.46	0.495	16.72	0.49	1.75	-65.3	
1013			5.48	0.478	16.63	1.22	2.09	-79.8	
1016			5.51	0.478	16.61	1.19	1.95	-80.0	
1019		2	5.5	0.478	16.62	1.17	1.77	-79.7	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR10
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW10
Date:	3/20/2007	Well Condition:	Good
Weather:	60s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	4"	Water Column (feet):	8.60
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.40
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1433
Initial Depth to Water from TOC (feet):	6.33	Total Volume Purged (gal):	2.50
Product Thickness (feet):	N/A	Sample Time/Date	1515
Total Depth from TOC (feet):	14.93	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1501	200	1.5	6.13	0.240	17.54	0.53	6.04	-39.1	
1504			6.11	0.240	17.52	0.48	5.58	-39.6	
1507			6.10	0.240	17.41	0.47	4.96	-39.7	
1510		2.5	6.08	0.239	17.52	0.45	4.54	-40.4	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR11
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW11
Date:	3/20/2007	Well Condition:	Good
Weather:	50s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	4"	Water Column (feet):	8.50
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.38
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1046
Initial Depth to Water from TOC (feet):	6.20	Total Volume Purged (gal):	2.50
Product Thickness (feet):	N/A	Sample Time/Date	1130
Total Depth from TOC (feet):	14.70	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1111	200	1.5	8.18	0.326	17.21	0.46	23.8	-41.6	
1114			8.12	0.324	17.24	0.36	31.6	-42.4	
1117			8.13	0.321	17.24	0.28	22.3	-42.3	
1120			8.33	0.318	17.30	0.24	21.7	-42.7	
1123			8.35	0.316	17.27	0.23	15.8	-42.5	
1126		2.5	8.37	0.315	17.30	0.20	12.2	-42.6	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Heavy organic debris in well-needs to be redeveloped.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR12
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW12
Date:	3/19/2007	Well Condition:	
Weather:			

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	4.92	Start Purge Date/Time:	
Initial Depth to Water from TOC (feet):	4.96	Total Volume Purged (gal):	
Product Thickness (feet):	0.04	Sample Time/Date	
Total Depth from TOC (feet):		Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Note: Well not sampled. LNAPL was detected.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR14
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW14
Date:	3/20/2007	Well Condition:	Good
Weather:	50s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	4"	Water Column (feet):	42.78
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	6.97
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	O937
Initial Depth to Water from TOC (feet):	5.32	Total Volume Purged (gal):	8.50
Product Thickness (feet):	N/A	Sample Time/Date	1145
Total Depth from TOC (feet):	48.10	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1128	300	7.5	23.69	0.348	19.63	0.27	2.02	-129.5	
1131			26.28	0.352	19.73	0.44	2.11	-100.1	
1134			28.80	0.351	19.69	0.27	3.78	-103.6	
1137			23.50	0.346	19.92	0.25	2.89	-104.4	
1140			26.65	0.340	19.73	0.23	2.62	-100.2	
1143		8.5	21.63	0.339	19.89	0.20	2.04	-99.1	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PH probe not working properly/inop.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR15
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW15
Date:	3/20/2007	Well Condition:	Good
Weather:	60s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	24.58
Inner Casing Diameter (inch):	6" (1.469)	Casing Volume (gal):	36.10
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1137
Initial Depth to Water from TOC (feet):	6.25	Total Volume Purged (gal):	37.50
Product Thickness (feet):	N/A	Sample Time/Date	1545
Total Depth from TOC (feet):	30.83	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1530	300	36	6.82	0.411	18.3	0.32	8.24	-57.7	
1533			6.84	0.412	18.38	0.29	3.02	-58.4	
1536			6.82	0.412	18.32	0.27	2.35	-58.0	
1539		37.5	6.81	0.412	18.29	0.27	3.17	-57.7	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

1233-Increased pump speed to 350ml; Well is missing a 6" well cap.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR16
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW16
Date:	3/19/2007	Well Condition:	
Weather:			

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	
Inner Casing Diameter (inch):	4" (0.653)	Casing Volume (gal):	
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	8.20	Start Purge Date/Time:	
Initial Depth to Water from TOC (feet):	8.28	Total Volume Purged (gal):	
Product Thickness (feet):	0.08	Sample Time/Date	
Total Depth from TOC (feet):		Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Note: Well not sampled. LNAPL was detected. Absorbent sock was in well.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR17
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW17
Date:	3/19/2007	Well Condition:	Fair
Weather:	40s/Clear		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	7.50
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.22
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1216
Initial Depth to Water from TOC (feet):	2.40	Total Volume Purged (gal):	2.75
Product Thickness (feet):	N/A	Sample Time/Date	1400
Total Depth from TOC (feet):	9.90	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1244	200	1.5	6.31	0.493	16.2	1.12	11.1	-78.8	
1247			6.3	0.501	16.34	1.13	13.7	-78.4	
1250			6.31	0.506	16.26	1.14	14.3	-76.7	
1253			6.31	0.518	16.23	1.18	16.0	-74.8	
1256			6.31	0.525	16.35	1.12	16.5	-74.4	
1259			6.32	0.537	16.23	1.11	17.9	-73.1	
1302			6.32	0.552	16.31	1.10	20.5	-74.8	
1305		2.75	6.33	0.571	16.30	1.80	21.7	-80.1	Went Dry

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Note: Location of RR17 was within Fuel Pit AB (fuel pumps/USTs) . RR17 is not located on Fuel Island #3 as shown on map dated AMR 2005-2006. Cond/temp not stabilizing; 1305-Well went dry while obtaining readings; 1400-Sampled after well recharged.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR18
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW18
Date:	3/19/2007	Well Condition:	
Weather:			

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	7.71	Start Purge Date/Time:	
Initial Depth to Water from TOC (feet):	10.92	Total Volume Purged (gal):	
Product Thickness (feet):	3.21	Sample Time/Date	
Total Depth from TOC (feet):		Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Note: Well not sampled. LNAPL was detected.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR19
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW19
Date:	3/19/2007	Well Condition:	
Weather:			

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	6.82	Start Purge Date/Time:	
Initial Depth to Water from TOC (feet):	7.79	Total Volume Purged (gal):	
Product Thickness (feet):	0.97	Sample Time/Date	
Total Depth from TOC (feet):		Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Note: Well not sampled. LNAPL was detected.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR20
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW20
Date:	3/19/2007	Well Condition:	
Weather:			

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	7.25	Start Purge Date/Time:	
Initial Depth to Water from TOC (feet):	7.30	Total Volume Purged (gal):	
Product Thickness (feet):	0.05	Sample Time/Date	
Total Depth from TOC (feet):	14.83	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Note: Well not sampled. LNAPL was detected.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR21
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW21
Date:	3/22/2007	Well Condition:	Good
Weather:	60s/Clear		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	9.62
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.56
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1025
Initial Depth to Water from TOC (feet):	4.23	Total Volume Purged (gal):	2
Product Thickness (feet):	N/A	Sample Time/Date	1100
Total Depth from TOC (feet):	13.85	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1046	200	1.5	5.90	0.089	17.27	1.09	21.7	-2.5	
1049			5.89	0.089	17.34	1.02	19.8	-2.9	
1052			5.91	0.089	17.35	0.98	19.6	-3.2	
1055		2	5.90	0.089	17.43	0.98	20.1	-3.9	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR22
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW22
Date:	3/27/2007	Well Condition:	Good
Weather:	60s/Clear		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	7.03
Inner Casing Diameter (inch):	4" (0.653)	Casing Volume (gal):	4.59
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1000
Initial Depth to Water from TOC (feet):	7.47	Total Volume Purged (gal):	6
Product Thickness (feet):	N/A	Sample Time/Date	1124
Total Depth from TOC (feet):	14.50	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1107	200	5	5.58	0.289	18.21	0.22	6.05	-94.6	
1110			5.58	0.287	18.22	0.21	5.53	-95.5	
1113			5.56	0.285	18.19	0.21	4.29	-95.8	
1116		6	5.57	0.285	18.17	0.21	3.96	-96.0	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Note: Duplicate sample obtained from RR22.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR23
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW23
Date:	3/22/2007	Well Condition:	Good
Weather:	60s/Clear		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	7.03
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.14
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	O839
Initial Depth to Water from TOC (feet):	6.55	Total Volume Purged (gal):	2.25
Product Thickness (feet):	N/A	Sample Time/Date	1017
Total Depth from TOC (feet):	13.58	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1001	200	1.5	6.39	0.269	18.07	0.43	7.26	-94.1	
1004			6.40	0.265	17.91	0.44	5.48	-92.7	
1007			6.41	0.262	17.89	0.39	3.74	-88.8	
1010			6.42	0.259	17.80	0.36	3.88	-90.0	
1013		2.25	6.42	0.258	17.83	0.33	3.47	-91.3	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR1G (MW01G)
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW01G
Date:	3/19/2007	Well Condition:	
Weather:			

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	
Inner Casing Diameter (inch):	6" (1.469)	Casing Volume (gal):	
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	5.80	Start Purge Date/Time:	
Initial Depth to Water from TOC (feet):	5.91	Total Volume Purged (gal):	
Product Thickness (feet):	0.11	Sample Time/Date	
Total Depth from TOC (feet):		Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Note: Well not sampled. LNAPL was detected.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR2G (MW02G)
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW02G
Date:	3/19/2007	Well Condition:	
Weather:			

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	
Inner Casing Diameter (inch):	6" (1.469)	Casing Volume (gal):	
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	5.11	Start Purge Date/Time:	
Initial Depth to Water from TOC (feet):	5.13	Total Volume Purged (gal):	
Product Thickness (feet):	0.02	Sample Time/Date	
Total Depth from TOC (feet):		Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Note: Well not sampled. LNAPL was detected.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR3G (MW03G)
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW03G
Date:	3/22/2007	Well Condition:	Good
Weather:	60s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	15.12
Inner Casing Diameter (inch):	6" (1.469)	Casing Volume (gal):	22.21
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	O915
Initial Depth to Water from TOC (feet):	6.50	Total Volume Purged (gal):	24.5
Product Thickness (feet):	N/A	Sample Time/Date	1245
Total Depth from TOC (feet):	21.62	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1228	400	23	6.75	0.478	20.04	0.23	2.08	-39.1	
1231			6.75	0.477	20.07	0.21	1.65	-38.9	
1234			6.75	0.478	20.12	0.2	1.83	-39.0	
1237		24.5	6.75	0.478	20.14	0.17	1.60	-39.0	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

After 1st two gallons of purge, noticed a sheen-H2O cleared after three gallons.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR4G (MW04G)
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW03G
Date:	3/22/2007	Well Condition:	Good
Weather:	70s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	14.78
Inner Casing Diameter (inch):	6" (1.469)	Casing Volume (gal):	21.71
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1251
Initial Depth to Water from TOC (feet):	5.67	Total Volume Purged (gal):	23.5
Product Thickness (feet):	N/A	Sample Time/Date	1640
Total Depth from TOC (feet):	20.45	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1625	400	22	9.56	0.514	19.87	0.20	12.6	-85.7	
1628			9.33	0.514	19.88	0.19	12.4	-85.2	
1631			9.43	0.514	19.84	0.18	12.2	-85.0	
1634			9.53	0.514	19.90	0.16	12.30	-82.9	
1637		23.5	9.46	0.515	19.86	0.16	12.0	-84.0	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

No measurable amount of product detected; however, a sheen was present in purge H2O; PH not stable (up/down).

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR5G (MW05G)
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW05G
Date:	3/19/2007	Well Condition:	
Weather:			

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	
Inner Casing Diameter (inch):	6" (1.469)	Casing Volume (gal):	
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	6.97	Start Purge Date/Time:	
Initial Depth to Water from TOC (feet):	7.01	Total Volume Purged (gal):	
Product Thickness (feet):	0.04	Sample Time/Date	
Total Depth from TOC (feet):		Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Note: Well not sampled. LNAPL was detected.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	RR6G (MW06G)
Project Name:	Rapid Refueler	Sample ID:	USTRR-MW06G
Date:	3/23/2007	Well Condition:	Good
Weather:	60s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	15.40
Inner Casing Diameter (inch):	6" (1.469)	Casing Volume (gal):	22.62
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	O915
Initial Depth to Water from TOC (feet):	6.45	Total Volume Purged (gal):	25
Product Thickness (feet):	N/A	Sample Time/Date	1305
Total Depth from TOC (feet):	21.85	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1247	400	23	8.42	0.692	19.35	0.43	7.93	-47.2	
1250			8.63	0.687	19.38	0.38	5.93	-47.5	
1253			8.45	0.684	19.36	0.34	6.60	-47.6	
1256			8.39	0.682	19.38	0.33	6.39	-47.9	
1259		25	8.36	0.679	19.41	0.29	6.27	-48.0	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Heavy sediments/organic debris in purge H2O.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	MW01
Project Name:	Rapid Refueler	Sample ID:	USTAS497-MW01
Date:	3/19/2007	Well Condition:	Good
Weather:	40s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	6"	Water Column (feet):	8.40
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.36
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1421
Initial Depth to Water from TOC (feet):	5.55	Total Volume Purged (gal):	2
Product Thickness (feet):	N/A	Sample Time/Date	1458
Total Depth from TOC (feet):	13.95	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1445	200	1.5	7.98	0.267	15.70	0.20	7.51	-32.2	
1448			8.39	0.262	15.73	0.25	6.75	-30.9	
1451			8.35	0.262	15.73	0.24	4.96	-31.9	
1454		2	8.37	0.263	15.73	0.21	4.07	-32.4	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	MW02
Project Name:	Rapid Refueler	Sample ID:	USTAS497-MW02
Date:	3/19/2007	Well Condition:	Good
Weather:	50s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	6"	Water Column (feet):	6.80
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.10
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1427
Initial Depth to Water from TOC (feet):	7.65	Total Volume Purged (gal):	2.5
Product Thickness (feet):	N/A	Sample Time/Date	1525
Total Depth from TOC (feet):	14.45	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1510	200	1.5	5.05	0.293	16.62	1.17	3.02	63.8	
1513			4.79	0.292	16.57	0.74	2.73	62.9	
1516			4.75	0.295	16.61	0.32	2.60	53.8	
1519			4.91	0.295	16.58	0.28	1.70	53.3	
1522		2.5	4.94	0.294	16.85	0.27	1.65	52.7	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PH wouldn't stabilize-readings were up/down.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	MW03
Project Name:	Rapid Refueler	Sample ID:	USTAS497-MW03
Date:	3/20/2007	Well Condition:	Good
Weather:	50s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	6	Water Column (feet):	7.93
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.29
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	0945
Initial Depth to Water from TOC (feet):	5.97	Total Volume Purged (gal):	2.25
Product Thickness (feet):	N/A	Sample Time/Date	1025
Total Depth from TOC (feet):	13.90	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1010	200	1.5	7.26	0.104	16.69	0.49	35.6	-7.5	
1013			7.16	0.106	16.75	0.54	22.2	-9.0	
1016			7.37	0.108	16.71	0.54	12.1	-9.8	
1019			7.64	0.107	16.69	0.52	10.3	-11.0	
1022		2.25	7.73	0.108	16.67	0.49	8.61	-11.3	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PH kept fluctuating up/down.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	MW04
Project Name:	Rapid Refueler	Sample ID:	USTAS497-MW04
Date:	3/19/2007	Well Condition:	Good
Weather:	50s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	6	Water Column (feet):	7.91
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.28
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1559
Initial Depth to Water from TOC (feet):	6.09	Total Volume Purged (gal):	2
Product Thickness (feet):	N/A	Sample Time/Date	1635
Total Depth from TOC (feet):	14.00	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1621	200	1.5	5.48	0.155	16.84	0.20	7.41	-17.4	
1624			5.49	0.155	16.73	0.18	5.66	-18.9	
1627			5.48	0.155	16.80	0.18	4.19	-19.0	
1630		2	5.47	0.154	16.77	0.18	3.97	-18.9	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	MW05
Project Name:	Rapid Refueler	Sample ID:	USTAS497-MW05
Date:	3/19/2007	Well Condition:	
Weather:			

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	6	Water Column (feet):	
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	5.53	Start Purge Date/Time:	
Initial Depth to Water from TOC (feet):	5.72	Total Volume Purged (gal):	
Product Thickness (feet):	0.19	Sample Time/Date	
Total Depth from TOC (feet):		Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Note: Well not sampled. LNAPL was detected.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	MW06
Project Name:	Rapid Refueler	Sample ID:	USTAS497-MW06
Date:	3/19/2007	Well Condition:	Good
Weather:	40s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	6	Water Column (feet):	43.17
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	7.03
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1210
Initial Depth to Water from TOC (feet):	6.13	Total Volume Purged (gal):	8
Product Thickness (feet):	N/A	Sample Time/Date	1425
Total Depth from TOC (feet):	49.30	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1409	200	7	8.75	0.360	19.36	0.43	4.66	-87.7	
1412			9.04	0.360	19.34	0.42	5.90	-86.8	
1415			9.02	0.360	19.34	0.39	3.62	-85.8	
1418		8	9.01	0.359	19.36	0.38	2.95	-86.7	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	511-MW01
Project Name:	Rapid Refueler	Sample ID:	USTAS511-MW01
Date:	3/27/2007	Well Condition:	Good
Weather:	80s/Clear		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	4	Water Column (feet):	7.91
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.28
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1423
Initial Depth to Water from TOC (feet):	6.22	Total Volume Purged (gal):	2
Product Thickness (feet):	N/A	Sample Time/Date	1505
Total Depth from TOC (feet):	14.13	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1449	200	1.5	6.09	0.341	17.64	0.55	11.13	-44.1	
1452			7.00	0.343	17.60	0.55	9.08	-44.1	
1455			6.97	0.345	17.58	0.49	7.90	-46.0	
1458		2	6.96	0.346	17.60	0.45	7.43	-45.9	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	511-MW02
Project Name:	Rapid Refueler	Sample ID:	USTAS511-MW02
Date:	3/27/2007	Well Condition:	Good
Weather:	70s/Clear		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	4	Water Column (feet):	8.35
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.36
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1207
Initial Depth to Water from TOC (feet):	6.55	Total Volume Purged (gal):	2
Product Thickness (feet):	N/A	Sample Time/Date	1255
Total Depth from TOC (feet):	14.90	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1236	200	1.5	6.25	0.448	17.73	1.34	4.31	-42.7	
1239			6.15	0.448	17.74	1.35	3.39	-42.8	
1242			6.09	0.451	17.76	1.36	2.48	-42.8	
1245		2	6.11	0.449	17.73	1.38	2.36	-43.3	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	511-MW03
Project Name:	Rapid Refueler	Sample ID:	USTAS511-MW03
Date:	3/26/2007	Well Condition:	Good
Weather:	70s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	4	Water Column (feet):	8.13
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.32
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1320
Initial Depth to Water from TOC (feet):	6.97	Total Volume Purged (gal):	2.25
Product Thickness (feet):	N/A	Sample Time/Date	1405
Total Depth from TOC (feet):	15.10	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1347	200	1.5	8.89	0.234	16.49	1.17	7.04	-29.9	
1350			8.82	0.234	16.50	1.14	4.77	-30.1	
1353			8.83	0.233	16.51	1.13	3.48	-30.2	
1356			8.77	0.233	16.50	1.10	2.55	-30.2	
1359		2.25	8.75	0.233	16.50	1.08	1.99	-30.2	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PH unstable-readings between 8.69-8.89.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	511-MW04
Project Name:	Rapid Refueler	Sample ID:	USTAS511-MW04
Date:	3/26/2007	Well Condition:	Good
Weather:	70s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	4	Water Column (feet):	7.52
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.22
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1652
Initial Depth to Water from TOC (feet):	6.08	Total Volume Purged (gal):	2.50
Product Thickness (feet):	N/A	Sample Time/Date	1737
Total Depth from TOC (feet):	13.60	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1717	200	1.5	7.13	0.052	15.78	8.03	11.18	-30.5	
1720			7.78	0.051	15.76	8.03	6.53	-30.9	
1723			4.82	0.048	15.77	8.52	4.63	-30.2	
1726			4.79	0.048	15.69	8.23	3.98	-30.6	
1729			5.03	0.047	15.63	8.08	4.45	-31.0	
1732		2.5	5.14	0.047	15.65	7.98	4.38	-31.0	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PH suddenly dropped; PH fluctuating between 4.81-5.14.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	511-MW05
Project Name:	Rapid Refueler	Sample ID:	USTAS511-MW05
Date:	3/27/2007	Well Condition:	Good
Weather:	80s/Clear		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	4	Water Column (feet):	42.13
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	6.86
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1319
Initial Depth to Water from TOC (feet):	7.22	Total Volume Purged (gal):	8
Product Thickness (feet):	N/A	Sample Time/Date	1445
Total Depth from TOC (feet):	49.35	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1430	300	7	7.04	0.347	20.39	1.01	3.17	-148.3	
1433			7.06	0.347	20.33	0.37	2.98	-115.8	
1436			7.08	0.347	20.35	0.34	2.24	-110.2	
1439		8	7.08	0.347	20.38	0.29	2.07	-109.7	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	511-MW06
Project Name:	Rapid Refueler	Sample ID:	USTAS511-MW06
Date:	3/27/2007	Well Condition:	Good
Weather:	70s/Clear		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	4	Water Column (feet):	42.19
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	6.87
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1040
Initial Depth to Water from TOC (feet):	6.94	Total Volume Purged (gal):	8.50
Product Thickness (feet):	N/A	Sample Time/Date	1225
Total Depth from TOC (feet):	49.13	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1210	300	7.5	7.52	0.315	19.99	0.29	6.05	-83.9	
1213			7.56	0.316	20.00	0.27	2.3	-82.9	
1216			7.55	0.317	20.01	0.25	4.33	-81.3	
1219		8.5	7.57	0.318	19.98	0.23	2.69	-82.3	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	511-MW07
Project Name:	Rapid Refueler	Sample ID:	USTAS511-MW07
Date:	3/26/2007	Well Condition:	Good
Weather:	70s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	4	Water Column (feet):	41.80
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	6.81
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1245
Initial Depth to Water from TOC (feet):	7.45	Total Volume Purged (gal):	8.50
Product Thickness (feet):	N/A	Sample Time/Date	1442
Total Depth from TOC (feet):	49.25	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1428	350	7.5	7.28	0.233	18.70	0.07	7.04	-111.8	
1431			7.30	0.233	18.72	0.08	2.53	-113.1	
1434			7.33	0.234	18.74	0.08	2.77	-115.4	
1437		8.5	7.36	0.233	18.72	0.10	2.19	-115.8	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	511-MW08
Project Name:	Rapid Refueler	Sample ID:	USTAS511-MW08
Date:	3/26/2007	Well Condition:	Good
Weather:	70s/Clear/Windy		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	4	Water Column (feet):	7.59
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.23
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1558
Initial Depth to Water from TOC (feet):	6.58	Total Volume Purged (gal):	2.25
Product Thickness (feet):	N/A	Sample Time/Date	1640
Total Depth from TOC (feet):	14.17	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1626	200	1.5	4.16	0.125	16.21	3.21	2.64	-25.8	
1629			4.16	0.124	16.21	3.19	2.35	-25.7	
1632			4.17	0.123	16.2	3.19	1.91	-25.6	
1635		2.25	4.16	0.122	16.21	3.15	1.96	-25.9	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	AS527-DW02
Project Name:	Rapid Refueler	Sample ID:	USTAS527-DW02
Date:	3/28/2007	Well Condition:	Good
Weather:	70s/PC		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	25.10
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	4.09
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1150
Initial Depth to Water from TOC (feet):	3.60	Total Volume Purged (gal):	5.25
Product Thickness (feet):	N/A	Sample Time/Date	1314
Total Depth from TOC (feet):	28.70	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1257	250	4	5.55	0.346	17.07	0.84	3.71	-45.0	
1300			5.54	0.345	17.01	0.82	3.73	-45.7	
1303			5.54	0.346	17.03	0.81	18.4	-45.5	
1306			5.54	0.347	17.05	0.79	19.0	-47.1	
1309		5.25	5.54	0.346	17.07	0.76	13.1	-47.3	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Turbidity increased; tiny particles in H2O-fine sand.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	AS527-MW03
Project Name:	Rapid Refueler	Sample ID:	USTAS527-MW03
Date:	3/28/2007	Well Condition:	Good
Weather:	70s/PC		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	5.68
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	0.925
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1155
Initial Depth to Water from TOC (feet):	9.57	Total Volume Purged (gal):	2
Product Thickness (feet):	N/A	Sample Time/Date	1234
Total Depth from TOC (feet):	15.25	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1215	200	1	6.46	0.357	19.14	0.87	4.95	-59.5	
1218			6.47	0.358	19.15	0.81	5.95	-59.4	
1221			6.47	0.358	19.20	0.53	4.74	-58.9	
1224			6.48	0.359	19.22	0.49	4.83	-58.6	
1227		2	6.48	0.360	19.25	0.47	5.00	-58.9	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	AS527-MW04
Project Name:	Rapid Refueler	Sample ID:	USTAS527-MW04
Date:	3/28/2007	Well Condition:	Good
Weather:	70s/PC		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	4.19
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	0.682
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1323
Initial Depth to Water from TOC (feet):	10.28	Total Volume Purged (gal):	2.25
Product Thickness (feet):	N/A	Sample Time/Date	1358
Total Depth from TOC (feet):	14.47	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1340	200	1	4.52	0.128	17.08	3.80	3.37	-14.8	
1343			4.48	0.129	17.06	3.82	3.75	-15.6	
1346			4.68	0.128	17.11	3.76	2.85	-23.2	
1349			4.62	0.128	17.16	3.70	2.60	-19.4	
1352		2.25	4.69	0.128	17.15	3.71	2.51	-24.9	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	AS527-DW06
Project Name:	Rapid Refueler	Sample ID:	USTAS527-DW06
Date:	3/28/2007	Well Condition:	Good
Weather:	70s/PC		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	42.61
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	6.94
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1000
Initial Depth to Water from TOC (feet):	4.12	Total Volume Purged (gal):	8
Product Thickness (feet):	N/A	Sample Time/Date	1135
Total Depth from TOC (feet):	46.73	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1120	300	7	6.75	0.433	18.31	0.18	3.42	-86.2	
1123			6.75	0.432	18.33	0.17	3.02	-85.9	
1126			6.77	0.432	18.27	0.17	2.83	-86.1	
1129		8	6.78	0.433	18.26	0.16	2.85	-87.5	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	AS527-MW10
Project Name:	Rapid Refueler	Sample ID:	USTAS527-MW10
Date:	3/27/2007	Well Condition:	Good
Weather:	70s/Clear		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	5.89
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	0.96
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1325
Initial Depth to Water from TOC (feet):	8.11	Total Volume Purged (gal):	2
Product Thickness (feet):	N/A	Sample Time/Date	1400
Total Depth from TOC (feet):	14.00	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1340	200	1	6.38	0.464	18.85	1.93	5.63	-77.8	
1343			6.37	0.459	18.72	0.77	2.74	-75.4	
1347			6.36	0.457	18.70	0.71	3.05	-75.5	
1350		2	6.35	0.457	18.72	0.69	2.85	-76.2	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Oily film on top of purge H2O.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	AS527-MW12
Project Name:	Rapid Refueler	Sample ID:	USTAS527-MW12
Date:	3/26/2007	Well Condition:	Good
Weather:	60s/Clear		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	6.40
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.04
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1022
Initial Depth to Water from TOC (feet):	7.50	Total Volume Purged (gal):	1.75
Product Thickness (feet):	N/A	Sample Time/Date	1100
Total Depth from TOC (feet):	13.90	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1048	200	1.25	4.58	0.306	16.62	1.18	10.8	-10.1	
1051			4.57	0.305	16.82	1.12	10.0	-10.5	
1054			4.55	0.306	16.80	1.10	9.23	-10.4	
1057		1.75	4.53	0.306	16.78	1.07	6.29	-8.9	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	MW15
Project Name:	Rapid Refueler	Sample ID:	USTAS527-MW15
Date:	3/19/2007	Well Condition:	
Weather:			

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	6.70	Start Purge Date/Time:	
Initial Depth to Water from TOC (feet):	7.30	Total Volume Purged (gal):	
Product Thickness (feet):	0.60	Sample Time/Date	
Total Depth from TOC (feet):		Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^{C})	Temp (^{o}C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Note: Well not sampled. LNAPL was detected.

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number:	CTO 001	Well ID:	AS527-MW16
Project Name:	Rapid Refueler	Sample ID:	USTAS527-MW16
Date:	3/26/2007	Well Condition:	Good
Weather:	60s/Clear		

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch):	N/A	Water Column (feet):	8.04
Inner Casing Diameter (inch):	2" (0.163)	Casing Volume (gal):	1.31
		Purge/Sample Method:	Low Flow Method
Depth to Product from TOC (feet):	N/A	Start Purge Date/Time:	1126
Initial Depth to Water from TOC (feet):	5.86	Total Volume Purged (gal):	2
Product Thickness (feet):	N/A	Sample Time/Date	1220
Total Depth from TOC (feet):	13.90	Sampler Name:	TE

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Specific Conductivity (mS/cm^C)	Temp (^oC)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1205	200	1.5	5.31	0.240	16.58	3.14	13.4	-44.9	
1208			5.30	0.240	16.56	1.19	6.1	-45.0	
1211			5.29	0.239	16.55	1.12	2.33	-45.1	
1214		2	5.28	0.240	16.56	0.99	1.84	-45.1	

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

APPENDIX C

AFVR REPORTS AND SUMMARY TABLE

Aggressive Fluid Vapor Recovery (AFVR)
Petroleum Recovery Data
Rapid Refueler A-B Tanks
Year 2006

Month	Number of Events	Petroleum Recovery	
		Pounds	Gallons
Jan-06	3	237.8	37.9
Feb-06	3	171.0	27.2
Mar-06	0	0.0	0.0
Apr-06	10	688.3	109.6
May-06	7	496.8	79.2
Jun-06	6	406.5	64.7
Jul-06	1	80.3	12.8
Aug-06	5	333.2	53.2
Sep-06	7	441.6	70.4
Oct-06	8	535.0	85.0
Nov-06	3	225.9	35.9
Dec-06	4	291.9	46.5
Total	**57**	**3908.3**	**622.4**

Aggressive Fluid Vapor Recovery (AFVR)
Petroleum Recovery Data
Rapid Refueler A-B Tanks
First Semester 2007

Month	Number of Events	Petroleum Recovery	
		Pounds	Gallons
Jan-07	4	375.4	59.9
Feb-07	2	170.6	27.2
Mar-07	0	0.0	0.0
Total	**6**	**546**	**87.1**

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name:	MCB Camp Lejeune	***Incident #:***	
Site Location:	Building AS-497	***Site Priority Rank:***	
Work Plan Ref:	August, 1997		

Report Date:	03/27/06
Event #:	1
Event Date:	02/10/06

Free Prod Type: Gasoline

Wells Gauged:	MW-5	MW-6				
Free Prod. Thickness:	0.85	0.00				
AFVR Wells Selected:	X					
Observ. Wells Selected:		X				

Event Duration:	1.00	hour(s)				
Stack TPH Recovery (lbs):	38.1	vapor	+	4.7	liquid =	42.8
Stack TPH Recovery (gals):	6.1	vapor	+	0.8	liquid =	6.8
Total Est. Fluids Rec.:	100.75	gals				

Conclusions and Recommendations:

A total of 42.8 pounds or 6.8 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.75 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event may have been greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building AS-497
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 03/27/06
Event #: 2
Event Date: 02/20/06

Free Prod Type: Gasoline

Wells Gauged:	MW-5	MW-6				
Free Prod. Thickness:	0.66	0.00				
AFVR Wells Selected:	X					
Observ. Wells Selected:		X				

Event Duration: 1.50 hour(s)

Stack TPH Recovery (lbs):	55.8 vapor	+	1.6	liquid =	57.3
Stack TPH Recovery (gals):	8.9 vapor	+	0.3	liquid =	9.1

Total Est. Fluids Rec.: 125.25 gals

Conclusions and Recommendations:

A total of 57.3 pounds or 9.1 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.25 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event may have been greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building AS-497
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 04/26/06
Event #: 3
Event Date: 04/07/06

Free Prod Type: Gasoline

Wells Gauged:	MW-5	MW-6				
Free Prod. Thickness:	0.68	0.00				
AFVR Wells Selected:	X					
Observ. Wells Selected:		X				

Event Duration: 1.00 hour(s)

Stack TPH Recovery (lbs):	38.0 vapor	+	4.7	liquid =	42.7
Stack TPH Recovery (gals):	6.1 vapor	+	0.8	liquid =	6.8

Total Est. Fluids Rec.: 100.75 gals

Conclusions and Recommendations:

A total of 42.7 pounds or 6.8 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.75 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event may have been greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name:	MCB Camp Lejeune	***Incident #:***	
Site Location:	Building AS-497	***Site Priority Rank:***	
Work Plan Ref:	August, 1997		

Report Date:	05/02/06
Event #:	4
Event Date:	04/29/06

Free Prod Type: Gasoline

Wells Gauged:	MW-5	MW-6				
Free Prod. Thickness:	0.58	0.00				
AFVR Wells Selected:	X					
Observ. Wells Selected:		X				

Event Duration:	1.50	hour(s)				
Stack TPH Recovery (lbs):	53.8	vapor	+	3.1	liquid =	57.0
Stack TPH Recovery (gals):	8.6	vapor	+	0.5	liquid =	9.1
Total Est. Fluids Rec.:	80.50	gals				

Conclusions and Recommendations:

A total of 57.0 pounds or 9.1 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event may have been greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building AS-497
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 06/27/06
Event #: 5
Event Date: 06/22/06

Free Prod Type: Gasoline

Wells Gauged:	MW-5	MW-6				
Free Prod. Thickness:	0.70	0.00				
AFVR Wells Selected:	X					
Observ. Wells Selected:		X				

Event Duration: 1.25 hour(s)

Stack TPH Recovery (lbs):	44.2	vapor	+	3.1	liquid =	47.4
Stack TPH Recovery (gals):	7.0	vapor	+	0.5	liquid =	7.5

Total Est. Fluids Rec.: 75.50 gals

Conclusions and Recommendations:

A total of 47.4 pounds or 7.5 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event may have been greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building AS-512
Work Plan Ref: August, 1997

Incident #: _____
Site Priority Rank: _____

Report Date: 05/02/06
Event #: 1
Event Date: 04/29/06

Free Prod Type: Gasoline

Wells Gauged:	MW-15	MW-16				
Free Prod. Thickness:	2.92	0.00				
AFVR Wells Selected:	X					
Observ. Wells Selected:		X				

Event Duration: 2.00 hour(s)

Stack TPH Recovery (lbs):	67.8	vapor	+	18.8	liquid =	86.7
Stack TPH Recovery (gals):	10.8	vapor	+	3.0	liquid =	13.8

Total Est. Fluids Rec.: 128.00 gals

Conclusions and Recommendations:

A total of 86.7 pounds or 13.8 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 3 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event may have been greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

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Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name:	MCB Camp Lejeune	***Incident #:***	
Site Location:	Building AS-512	***Site Priority Rank:***	
Work Plan Ref:	August, 1997		

Report Date:	05/15/06
Event #:	2
Event Date:	05/04/06

Free Prod Type: Gasoline

Wells Gauged:	MW-15	MW-16				
Free Prod. Thickness:	0.89	0.00				
AFVR Wells Selected:	X					
Observ. Wells Selected:		X				

Event Duration:	2.00 hour(s)				
Stack TPH Recovery (lbs):	68.2 vapor	+	3.1 liquid =	71.3	
Stack TPH Recovery (gals):	10.9 vapor	+	0.5 liquid =	11.4	
Total Est. Fluids Rec.:	90.50 gals				

Conclusions and Recommendations:

A total of 71.3 pounds or 11.4 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event may have been greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building AS-512
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 05/30/06
Event #: 3
Event Date: 05/19/06

Free Prod Type: Gasoline

Wells Gauged:	MW-15	MW-16				
Free Prod. Thickness:	1.39	0.00				
AFVR Wells Selected:	X					
Observ. Wells Selected:		X				

Event Duration: 1.75 hour(s)

Stack TPH Recovery (lbs):	59.2 vapor	+	6.3 liquid =	65.5
Stack TPH Recovery (gals):	9.4 vapor	+	1.0 liquid =	10.4

Total Est. Fluids Rec.: 101.00 gals

Conclusions and Recommendations:

A total of 65.5 pounds or 10.4 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 1 gallon was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event may have been greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building AS-512
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 06/07/06
Event #: 4
Event Date: 05/26/06

Free Prod Type: Gasoline

Wells Gauged:	MW-15	MW-16				
Free Prod. Thickness:	1.44	0.00				
AFVR Wells Selected:	X					
Observ. Wells Selected:		X				

Event Duration: 2.00 hour(s)

Stack TPH Recovery (lbs):	66.6	vapor	+	6.3	liquid =	72.9
Stack TPH Recovery (gals):	10.6	vapor	+	1.0	liquid =	11.6

Total Est. Fluids Rec.: 101.00 gals

Conclusions and Recommendations:

A total of 72.9 pounds or 11.6 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 1 gallon was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event may have been greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building AS-512
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 06/27/06
Event #: 5
Event Date: 06/16/06

Free Prod Type: Gasoline

Wells Gauged:	MW-15	MW-16				
Free Prod. Thickness:	3.08	0.00				
AFVR Wells Selected:	X					
Observ. Wells Selected:		X				

Event Duration: 2.00 hour(s)

Stack TPH Recovery (lbs):	66.3	vapor	+	18.8	liquid =	85.1
Stack TPH Recovery (gals):	10.6	vapor	+	3.0	liquid =	13.6

Total Est. Fluids Rec.: 123.00 gals

Conclusions and Recommendations:

A total of 85.1 pounds or 13.6 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 3 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event may have been greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building AS-512
Work Plan Ref: August, 1997

Incident #: _____
Site Priority Rank: _____

Report Date: 06/27/06
Event #: 6
Event Date: 06/23/06

Free Prod Type: Gasoline

Wells Gauged:	MW-15	MW-16				
Free Prod. Thickness:	1.11	0.00				
AFVR Wells Selected:	X					
Observ. Wells Selected:		X				

Event Duration: 1.50 hour(s)

Stack TPH Recovery (lbs):	53.5 vapor	+	6.3 liquid =	59.8
Stack TPH Recovery (gals):	8.5 vapor	+	1.0 liquid =	9.5

Total Est. Fluids Rec.: 76.00 gals

Conclusions and Recommendations:

A total of 59.8 pounds or 9.5 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 1 gallon was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event may have been greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

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Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name:	MCB Camp Lejeune	***Incident #:***	
Site Location:	Building AS-512	***Site Priority Rank:***	
Work Plan Ref:	August, 1997		

Report Date:	08/16/06
Event #:	7
Event Date:	08/05/06

Free Prod Type: Gasoline

Wells Gauged:	MW-15	MW-16				
Free Prod. Thickness:	0.99	0.00				
AFVR Wells Selected:	X					
Observ. Wells Selected:		X				

Event Duration:	1.50	hour(s)				
Stack TPH Recovery (lbs):	54.3	vapor	+	9.4	liquid =	63.7
Stack TPH Recovery (gals):	8.7	vapor	+	1.5	liquid =	10.2
Total Est. Fluids Rec.:	66.50	gals				

Conclusions and Recommendations:

A total of 63.7 pounds or 10.2 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 1.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event may have been greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name:	MCB Camp Lejeune	***Incident #:***	
Site Location:	Building AS-512	***Site Priority Rank:***	
Work Plan Ref:	August, 1997		

Report Date:	08/29/06
Event #:	8
Event Date:	08/25/06

Free Prod Type:	Gasoline					
Wells Gauged:	MW-15	MW-16				
Free Prod. Thickness:	0.64	0.00				
AFVR Wells Selected:	X					
Observ. Wells Selected:		X				

Event Duration:	1.50	hour(s)				
Stack TPH Recovery (lbs):	52.8	vapor	+	3.1	liquid =	55.9
Stack TPH Recovery (gals):	8.4	vapor	+	0.5	liquid =	8.9
Total Est. Fluids Rec.:	90.50	gals				

Conclusions and Recommendations:

A total of 55.9 pounds or 8.9 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event may have been greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

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Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 03/27/06
Event #: 106
Event Date: 01/06/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23
Free Prod. Thickness:	0.00	0.00	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X							
Observ. Wells Selected:										X

Event Duration: 1.50 hour(s)

Stack TPH Recovery (lbs):	55.9 vapor	+	18.8 liquid =	74.8
Stack TPH Recovery (gals):	8.9 vapor	+	3.0 liquid =	11.9

Total Est. Fluids Rec.: 153.00 gals

Conclusions and Recommendations:

A total of 74.8 pounds or 11.9 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 3 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 03/27/06
Event #: 107
Event Date: 01/11/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23
Free Prod. Thickness:	0.00	0.00	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X							
Observ. Wells Selected:										X

Event Duration: 2.00 hour(s)
Stack TPH Recovery (lbs): 72.1 vapor + 9.4 liquid = 81.5
Stack TPH Recovery (gals): 11.5 vapor + 1.5 liquid = 13.0
Total Est. Fluids Rec.: 201.50 gals

Conclusions and Recommendations:

A total of 81.5 pounds or 13.0 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 1.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 03/27/06
Event #: 108
Event Date: 01/19/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23
Free Prod. Thickness:	0.00	0.00	2.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X							
Observ. Wells Selected:										X

Event Duration: 2.00 hour(s)

Stack TPH Recovery (lbs):	69.0 vapor	+	12.6 liquid =	81.5
Stack TPH Recovery (gals):	11.0 vapor	+	2.0 liquid =	13.0

Total Est. Fluids Rec.: 222.00 gals

Conclusions and Recommendations:

A total of 81.5 pounds or 13.0 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 03/27/06
Event #: 109
Event Date: 02/10/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23
Free Prod. Thickness:	0.00	0.00	2.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X							
Observ. Wells Selected:										X

Event Duration: 1.50 hour(s)
Stack TPH Recovery (lbs): 58.3 vapor + 12.6 liquid = 70.9
Stack TPH Recovery (gals): 9.3 vapor + 2.0 liquid = 11.3
Total Est. Fluids Rec.: 152.00 gals

Conclusions and Recommendations:

A total of 70.9 pounds or 11.3 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 04/26/06
Event #: 110
Event Date: 04/06/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23
Free Prod. Thickness:	0.00	0.00	2.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X							
Observ. Wells Selected:										X

Event Duration: 1.75 hour(s)
Stack TPH Recovery (lbs): 59.1 vapor + 12.6 liquid = 71.7
Stack TPH Recovery (gals): 9.4 vapor + 2.0 liquid = 11.4
Total Est. Fluids Rec.: 102.00 gals

Conclusions and Recommendations:

A total of 71.7 pounds or 11.4 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 04/26/06
Event #: 111
Event Date: 04/07/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23
Free Prod. Thickness:	0.00	0.00	0.00	0.00	0.00	0.00	1.15	0.00	0.00	0.00
AFVR Wells Selected:							X			
Observ. Wells Selected:								X		

Event Duration: 1.50 hour(s)

Stack TPH Recovery (lbs):	52.3 vapor	+	4.2	liquid =	56.5
Stack TPH Recovery (gals):	8.3 vapor	+	0.7	liquid =	9.0

Total Est. Fluids Rec.: 80.67 gals

Conclusions and Recommendations:

A total of 56.5 pounds or 9.0 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.67 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 04/26/06
Event #: 112
Event Date: 04/07/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.72
AFVR Wells Selected:											X
Observ. Wells Selected:								X			

Event Duration: 1.75 hour(s)

Stack TPH Recovery (lbs):	59.1 vapor	+	28.3 liquid =	87.4
Stack TPH Recovery (gals):	9.4 vapor	+	4.5 liquid =	13.9

Total Est. Fluids Rec.: 134.50 gals

Conclusions and Recommendations:

A total of 87.4 pounds or 13.9 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 4.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 04/26/06
Event #: 113
Event Date: 04/15/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 2.00 hour(s)
Stack TPH Recovery (lbs): 69.0 vapor + 9.4 liquid = 78.4
Stack TPH Recovery (gals): 11.0 vapor + 1.5 liquid = 12.5
Total Est. Fluids Rec.: 86.50 gals

Conclusions and Recommendations:

A total of 78.4 pounds or 12.5 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 1.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 04/26/06
Event #: 114
Event Date: 04/21/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 1.75 hour(s)
Stack TPH Recovery (lbs): 62.2 vapor + 12.6 liquid = 74.8
Stack TPH Recovery (gals): 9.9 vapor + 2.0 liquid = 11.9
Total Est. Fluids Rec.: 102.00 gals

Conclusions and Recommendations:

A total of 74.8 pounds or 11.9 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 05/02/06
Event #: 115
Event Date: 04/28/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 1.75 hour(s)
Stack TPH Recovery (lbs): 60.2 vapor + 15.7 liquid = 75.9
Stack TPH Recovery (gals): 9.6 vapor + 2.5 liquid = 12.1
Total Est. Fluids Rec.: 102.50 gals

Conclusions and Recommendations:

A total of 75.9 pounds or 12.1 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 05/02/06
Event #: 116
Event Date: 04/28/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.02
AFVR Wells Selected:											X
Observ. Wells Selected:								X			

Event Duration: 1.50 hour(s)

Stack TPH Recovery (lbs):	52.5 vapor	+	4.7 liquid =	57.2
Stack TPH Recovery (gals):	8.4 vapor	+	0.8 liquid =	9.1

Total Est. Fluids Rec.: 90.75 gals

Conclusions and Recommendations:

A total of 57.2 pounds or 9.1 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.75 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 05/15/06
Event #: 117
Event Date: 05/03/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 2.00 hour(s)

Stack TPH Recovery (lbs):	67.7 vapor	+	12.6 liquid =	80.3
Stack TPH Recovery (gals):	10.8 vapor	+	2.0 liquid =	12.8

Total Est. Fluids Rec.: 102.00 gals

Conclusions and Recommendations:

A total of 80.3 pounds or 12.8 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 05/30/06
Event #: 118
Event Date: 05/19/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 1.50 hour(s)

Stack TPH Recovery (lbs):	52.4 vapor	+	12.6 liquid =	65.0
Stack TPH Recovery (gals):	8.3 vapor	+	2.0 liquid =	10.3

Total Est. Fluids Rec.: 102.00 gals

Conclusions and Recommendations:

A total of 65.0 pounds or 10.3 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 05/30/06
Event #: 119
Event Date: 05/19/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77
AFVR Wells Selected:											X
Observ. Wells Selected:								X			

Event Duration: 1.50 hour(s)

Stack TPH Recovery (lbs):	52.9 vapor	+	3.1 liquid =	56.0
Stack TPH Recovery (gals):	8.4 vapor	+	0.5 liquid =	8.9

Total Est. Fluids Rec.: 80.50 gals

Conclusions and Recommendations:

A total of 56.0 pounds or 8.9 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 06/07/06
Event #: 120
Event Date: 05/26/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 2.00 hour(s)
Stack TPH Recovery (lbs): 67.0 vapor + 18.8 liquid = 85.8
Stack TPH Recovery (gals): 10.7 vapor + 3.0 liquid = 13.7
Total Est. Fluids Rec.: 123.00 gals

Conclusions and Recommendations:

A total of 85.8 pounds or 13.7 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 3 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 06/27/06
Event #: 121
Event Date: 06/16/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 2.00 hour(s)
Stack TPH Recovery (lbs): 67.2 vapor + 15.7 liquid = 82.9
Stack TPH Recovery (gals): 10.7 vapor + 2.5 liquid = 13.2
Total Est. Fluids Rec.: 112.50 gals

Conclusions and Recommendations:

A total of 82.9 pounds or 13.2 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 06/27/06
Event #: 122
Event Date: 06/17/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66
AFVR Wells Selected:											X
Observ. Wells Selected:								X			

Event Duration: 1.75 hour(s)
Stack TPH Recovery (lbs): 58.5 vapor + 3.1 liquid = 61.6
Stack TPH Recovery (gals): 9.3 vapor + 0.5 liquid = 9.8
Total Est. Fluids Rec.: 75.50 gals

Conclusions and Recommendations:

A total of 61.6 pounds or 9.8 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 06/27/06
Event #: 123
Event Date: 06/22/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 1.75 hour(s)

Stack TPH Recovery (lbs):	60.3 vapor	+	9.4 liquid =	69.7
Stack TPH Recovery (gals):	9.6 vapor	+	1.5 liquid =	11.1

Total Est. Fluids Rec.: 101.50 gals

Conclusions and Recommendations:

A total of 69.7 pounds or 11.1 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 1.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 07/25/06
Event #: 124
Event Date: 07/22/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	3.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 2.00 hour(s)
Stack TPH Recovery (lbs): 67.7 vapor + 12.6 liquid = 80.3
Stack TPH Recovery (gals): 10.8 vapor + 2.0 liquid = 12.8
Total Est. Fluids Rec.: 152.00 gals

Conclusions and Recommendations:

A total of 80.3 pounds or 12.8 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 08/16/06
Event #: 125
Event Date: 08/05/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 1.50 hour(s)
Stack TPH Recovery (lbs): 53.8 vapor + 9.4 liquid = 63.2
Stack TPH Recovery (gals): 8.6 vapor + 1.5 liquid = 10.1
Total Est. Fluids Rec.: 81.50 gals

Conclusions and Recommendations:

A total of 63.2 pounds or 10.1 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 1.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 08/23/06
Event #: 126
Event Date: 08/19/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 1.75 hour(s)

Stack TPH Recovery (lbs):	59.0 vapor	+	9.4 liquid =	68.4
Stack TPH Recovery (gals):	9.4 vapor	+	1.5 liquid =	10.9

Total Est. Fluids Rec.: 111.50 gals

Conclusions and Recommendations:

A total of 68.4 pounds or 10.9 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 1.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 08/29/06
Event #: 127
Event Date: 08/25/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 2.00 hour(s)

Stack TPH Recovery (lbs):	66.5 vapor	+	15.7 liquid =	82.2
Stack TPH Recovery (gals):	10.6 vapor	+	2.5 liquid =	13.1

Total Est. Fluids Rec.: 112.50 gals

Conclusions and Recommendations:

A total of 82.2 pounds or 13.1 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 09/11/06
Event #: 128
Event Date: 09/01/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 2.00 hour(s)
Stack TPH Recovery (lbs): 66.6 vapor + 15.7 liquid = 82.3
Stack TPH Recovery (gals): 10.6 vapor + 2.5 liquid = 13.1
Total Est. Fluids Rec.: 112.50 gals

Conclusions and Recommendations:

A total of 82.3 pounds or 13.1 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 09/11/06
Event #: 129
Event Date: 09/01/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62
AFVR Wells Selected:											X
Observ. Wells Selected:								X			

Event Duration: 1.50 hour(s)

Stack TPH Recovery (lbs):	52.0 vapor	+	3.1 liquid =	55.2	
Stack TPH Recovery (gals):	8.3 vapor	+	0.5 liquid =	8.8	

Total Est. Fluids Rec.: 80.50 gals

Conclusions and Recommendations:

A total of 55.2 pounds or 8.8 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 09/26/06
Event #: 130
Event Date: 09/08/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 2.50 hour(s)

Stack TPH Recovery (lbs):	66.5 vapor	+	15.7 liquid =	82.2
Stack TPH Recovery (gals):	10.6 vapor	+	2.5 liquid =	13.1

Total Est. Fluids Rec.: 122.50 gals

Conclusions and Recommendations:

A total of 82.2 pounds or 13.1 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 10/02/06
Event #: 131
Event Date: 09/23/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 1.50 hour(s)

Stack TPH Recovery (lbs):	52.5 vapor	+	12.6 liquid =	65.1
Stack TPH Recovery (gals):	8.4 vapor	+	2.0 liquid =	10.4

Total Est. Fluids Rec.: 127.00 gals

Conclusions and Recommendations:

A total of 65.1 pounds or 10.4 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 10/02/06
Event #: 132
Event Date: 09/23/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89
AFVR Wells Selected:											X
Observ. Wells Selected:								X			

Event Duration: 1.25 hour(s)

Stack TPH Recovery (lbs):	43.1 vapor	+	3.1 liquid =	46.2
Stack TPH Recovery (gals):	6.9 vapor	+	0.5 liquid =	7.4

Total Est. Fluids Rec.: 75.50 gals

Conclusions and Recommendations:

A total of 46.2 pounds or 7.4 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 10/02/06
Event #: 133
Event Date: 09/29/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81
AFVR Wells Selected:											X
Observ. Wells Selected:								X			

Event Duration: 1.00 hour(s)

Stack TPH Recovery (lbs):	36.5 vapor	+	3.1 liquid =	39.6
Stack TPH Recovery (gals):	5.8 vapor	+	0.5 liquid =	6.3

Total Est. Fluids Rec.: 75.50 gals

Conclusions and Recommendations:

A total of 39.6 pounds or 6.3 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 10/02/06
Event #: 134
Event Date: 09/29/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 1.75 hour(s)
Stack TPH Recovery (lbs): 60.0 vapor + 11.0 liquid = 71.0
Stack TPH Recovery (gals): 9.6 vapor + 1.8 liquid = 11.3
Total Est. Fluids Rec.: 126.75 gals

Conclusions and Recommendations:

A total of 71.0 pounds or 11.3 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 1.75 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 10/09/06
Event #: 135
Event Date: 10/05/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 2.00 hour(s)
Stack TPH Recovery (lbs): 69.7 vapor + 12.6 liquid = 82.3
Stack TPH Recovery (gals): 11.1 vapor + 2.0 liquid = 13.1
Total Est. Fluids Rec.: 102.00 gals

Conclusions and Recommendations:

A total of 82.3 pounds or 13.1 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 10/18/06
Event #: 136
Event Date: 10/14/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 1.75 hour(s)
Stack TPH Recovery (lbs): 61.7 vapor + 14.1 liquid = 75.9
Stack TPH Recovery (gals): 9.8 vapor + 2.3 liquid = 12.1
Total Est. Fluids Rec.: 127.25 gals

Conclusions and Recommendations:

A total of 75.9 pounds or 12.1 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2.25 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 10/18/06
Event #: 137
Event Date: 10/14/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84
AFVR Wells Selected:											X
Observ. Wells Selected:								X			

Event Duration: 1.25 hour(s)

Stack TPH Recovery (lbs):	44.2 vapor	+	3.1 liquid =	47.3
Stack TPH Recovery (gals):	7.0 vapor	+	0.5 liquid =	7.5

Total Est. Fluids Rec.: 75.50 gals

Conclusions and Recommendations:

A total of 47.3 pounds or 7.5 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 10/27/06
Event #: 138
Event Date: 10/18/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 2.00 hour(s)
Stack TPH Recovery (lbs): 70.6 vapor + 12.6 liquid = 83.2
Stack TPH Recovery (gals): 11.2 vapor + 2.0 liquid = 13.2
Total Est. Fluids Rec.: 152.00 gals

Conclusions and Recommendations:

A total of 83.2 pounds or 13.2 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 10/31/06
Event #: 139
Event Date: 10/28/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 2.00 hour(s)

Stack TPH Recovery (lbs):	70.6 vapor	+	14.1 liquid =	84.8	
Stack TPH Recovery (gals):	11.2 vapor	+	2.3 liquid =	13.5	

Total Est. Fluids Rec.: 152.25 gals

Conclusions and Recommendations:

A total of 84.8 pounds or 13.5 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2.25 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 10/31/06
Event #: 140
Event Date: 10/28/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63
AFVR Wells Selected:											X
Observ. Wells Selected:								X			

Event Duration: 1.50 hour(s)

Stack TPH Recovery (lbs):	51.6 vapor	+	3.1 liquid =	54.8
Stack TPH Recovery (gals):	8.2 vapor	+	0.5 liquid =	8.7

Total Est. Fluids Rec.: 90.50 gals

Conclusions and Recommendations:

A total of 54.8 pounds or 8.7 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 11/07/06
Event #: 141
Event Date: 10/31/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	1.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 1.50 hour(s)

Stack TPH Recovery (lbs):	54.3 vapor	+	12.6 liquid =	66.9
Stack TPH Recovery (gals):	8.6 vapor	+	2.0 liquid =	10.6

Total Est. Fluids Rec.: 127.00 gals

Conclusions and Recommendations:

A total of 66.9 pounds or 10.6 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 11/07/06
Event #: 142
Event Date: 10/31/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72
AFVR Wells Selected:											X
Observ. Wells Selected:								X			

Event Duration: 1.00 hour(s)

Stack TPH Recovery (lbs):	36.6 vapor	+	3.1	liquid =	39.8
Stack TPH Recovery (gals):	5.8 vapor	+	0.5	liquid =	6.3

Total Est. Fluids Rec.: 75.50 gals

Conclusions and Recommendations:

A total of 39.8 pounds or 6.3 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 11/27/06
Event #: 143
Event Date: 11/10/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 2.00 hour(s)
Stack TPH Recovery (lbs): 69.7 vapor + 14.1 liquid = 83.8
Stack TPH Recovery (gals): 11.1 vapor + 2.3 liquid = 13.3
Total Est. Fluids Rec.: 152.25 gals

Conclusions and Recommendations:

A total of 83.8 pounds or 13.3 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2.25 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 12/05/06
Event #: 144
Event Date: 11/17/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 2.00 hour(s)
Stack TPH Recovery (lbs): 70.6 vapor + 12.6 liquid = 83.2
Stack TPH Recovery (gals): 11.2 vapor + 2.0 liquid = 13.2
Total Est. Fluids Rec.: 152.00 gals

Conclusions and Recommendations:

A total of 83.2 pounds or 13.2 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 12/05/06
Event #: 145
Event Date: 11/17/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87
AFVR Wells Selected:											X
Observ. Wells Selected:								X			

Event Duration: 1.50 hour(s)

Stack TPH Recovery (lbs):	54.2 vapor	+	4.7 liquid =	58.9
Stack TPH Recovery (gals):	8.6 vapor	+	0.8 liquid =	9.4

Total Est. Fluids Rec.: 100.75 gals

Conclusions and Recommendations:

A total of 58.9 pounds or 9.4 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.75 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 12/19/06
Event #: 146
Event Date: 12/02/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 1.75 hour(s)
Stack TPH Recovery (lbs): 63.6 vapor + 15.7 liquid = 79.3
Stack TPH Recovery (gals): 10.1 vapor + 2.5 liquid = 12.6
Total Est. Fluids Rec.: 202.50 gals

Conclusions and Recommendations:

A total of 79.3 pounds or 12.6 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 12/19/06
Event #: 147
Event Date: 12/10/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 1.75 hour(s)

Stack TPH Recovery (lbs):	63.3 vapor	+	15.7 liquid =	79.0	
Stack TPH Recovery (gals):	10.1 vapor	+	2.5 liquid =	12.6	

Total Est. Fluids Rec.: 152.50 gals

Conclusions and Recommendations:

A total of 79.0 pounds or 12.6 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 01/10/07
Event #: 148
Event Date: 12/19/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 1.75 hour(s)

Stack TPH Recovery (lbs):	63.4 vapor	+	12.6 liquid =	75.9
Stack TPH Recovery (gals):	10.1 vapor	+	2.0 liquid =	12.1

Total Est. Fluids Rec.: 152.00 gals

Conclusions and Recommendations:

A total of 75.9 pounds or 12.1 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 01/10/07
Event #: 149
Event Date: 12/19/06

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79
AFVR Wells Selected:											X
Observ. Wells Selected:								X			

Event Duration: 1.50 hour(s)

Stack TPH Recovery (lbs):	54.6 vapor	+	3.1 liquid =	57.7
Stack TPH Recovery (gals):	8.7 vapor	+	0.5 liquid =	9.2

Total Est. Fluids Rec.: 80.50 gals

Conclusions and Recommendations:

A total of 57.7 pounds or 9.2 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 0.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 01/16/07
Event #: 150
Event Date: 01/03/07

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 1.75 hour(s)
Stack TPH Recovery (lbs): 61.3 vapor + 18.8 liquid = 80.1
Stack TPH Recovery (gals): 9.8 vapor + 3.0 liquid = 12.8
Total Est. Fluids Rec.: 128.00 gals

Conclusions and Recommendations:

A total of 80.1 pounds or 12.8 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 3 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 01/16/07
Event #: 151
Event Date: 01/13/07

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 2.00 hour(s)

Stack TPH Recovery (lbs):	72.0 vapor	+	18.8	liquid =	90.8
Stack TPH Recovery (gals):	11.5 vapor	+	3.0	liquid =	14.5

Total Est. Fluids Rec.: 203.00 gals

Conclusions and Recommendations:

A total of 90.8 pounds or 14.5 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 3 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 01/29/07
Event #: 152
Event Date: 01/18/07

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 2.00 hour(s)

Stack TPH Recovery (lbs):	74.7 vapor	+	25.1	liquid =	99.8
Stack TPH Recovery (gals):	11.9 vapor	+	4.0	liquid =	15.9

Total Est. Fluids Rec.: 154.00 gals

Conclusions and Recommendations:

A total of 99.8 pounds or 15.9 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 4 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 02/05/07
Event #: 153
Event Date: 01/26/07

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	2.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 2.50 hour(s)

Stack TPH Recovery (lbs):	89.0 vapor	+	15.7 liquid =	104.7
Stack TPH Recovery (gals):	14.2 vapor	+	2.5 liquid =	16.7

Total Est. Fluids Rec.: 202.50 gals

Conclusions and Recommendations:

A total of 104.7 pounds or 16.7 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2.5 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 02/19/07
Event #: 154
Event Date: 02/12/07

Free Prod Type: Gasoline

	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Wells Gauged:											
Free Prod. Thickness:	0.00	0.00	2.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AFVR Wells Selected:			X								
Observ. Wells Selected:										X	

Event Duration: 2.50 hour(s)
Stack TPH Recovery (lbs): 88.5 vapor + 12.6 liquid = 101.1
Stack TPH Recovery (gals): 14.1 vapor + 2.0 liquid = 16.1
Total Est. Fluids Rec.: 147.00 gals

Conclusions and Recommendations:

A total of 101.1 pounds or 16.1 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 2 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

Aggressive Fluid Vapor Recovery Report

MCB Camp Lejeune, North Carolina

Site Name: MCB Camp Lejeune
Site Location: Building 498
Work Plan Ref: August, 1997

Incident #:
Site Priority Rank:

Report Date: 02/19/07
Event #: 155
Event Date: 02/12/07

Free Prod Type: Gasoline

Wells Gauged:	RR-12	RR-1G	RR-18	RR-2G	RR-4G	MW-06	RR-20	RR-21	RR-5G	RR-23	MW-16
Free Prod. Thickness:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84
AFVR Wells Selected:											X
Observ. Wells Selected:								X			

Event Duration: 1.75 hour(s)

Stack TPH Recovery (lbs):	63.2 vapor	+	6.3 liquid =	69.5
Stack TPH Recovery (gals):	10.1 vapor	+	1.0 liquid =	11.1

Total Est. Fluids Rec.: 91.00 gals

Conclusions and Recommendations:

A total of 69.5 pounds or 11.1 gallons of gasoline were removed from the site during this AFVR event. A free product volume of 1 gallons was detected floating in the vacuum truck at the end of the event. Some extracted vapor concentrations measured during this AFVR event were greater than 200,000 ppm, so estimated total hydrocarbon extraction for this event and all considered conservative. Shaw recommends continued AFVR events in this area.

Prepared By: Betsy McDaniel

Reviewed By: James A. Dunn, Jr., P.E.
Shaw Environmental

Attachments: Tables 1, 2, 3, 4.

APPENDIX D

GROUNDWATER LABORATORY ANALYTICAL REPORTS
OCTOBER 2006

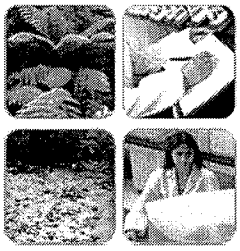
APPENDIX D

GROUNDWATER LABORATORY ANALYTICAL REPORTS
OCTOBER 2006

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

11/20/06



Technical Report for

Shaw E & I, Inc.

Camp Lejeune-MCAS-Rapid Refueler

119909

Accutest Job Number: F44722

Sampling Date: 10/24/06

Report to:

Shaw E & I, Inc.

natasha.sullivan@shawgrp.com

ATTN: Natasha Sullivan

Total number of pages in report: 66

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Sample Summary

Shaw E & I, Inc.

Job No: F44722

Camp Lejeune-MCAS-Rapid Refueler
Project No: 119909

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
F44722-1	10/24/06	11:15	MM	10/25/06	AQ	Ground Water	USTAS497-MW04
F44722-2	10/24/06	12:00	MM	10/25/06	AQ	Ground Water	USTAS497-MW03
F44722-3	10/24/06	12:30	MM	10/25/06	AQ	Ground Water	USTAS497-MW06
F44722-4	10/24/06	13:20	MM	10/25/06	AQ	Ground Water	USTAS497-MW01

Sample Results

Report of Analysis

Accutest LabLink@56642 09:16 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS497-MW04		
Lab Sample ID:	F44722-1	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05743.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	26	11	ug/l	
95-57-8	2-Chlorophenol	ND	5.3	2.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.3	2.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.3	2.1	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.3	2.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	26	11	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	11	5.3	ug/l	
95-48-7	2-Methylphenol	ND	5.3	2.1	ug/l	
	3&4-Methylphenol	ND	5.3	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.3	2.1	ug/l	
100-02-7	4-Nitrophenol	ND	26	11	ug/l	
87-86-5	Pentachlorophenol	ND	26	11	ug/l	
108-95-2	Phenol	ND	5.3	2.1	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.3	2.1	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.3	2.1	ug/l	
83-32-9	Acenaphthene	ND	5.3	1.1	ug/l	
208-96-8	Acenaphthylene	ND	5.3	1.1	ug/l	
120-12-7	Anthracene	ND	5.3	1.1	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.3	1.1	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.3	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.3	1.1	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.3	2.1	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.3	1.1	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.3	1.1	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.3	2.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.3	1.1	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.3	1.1	ug/l	
106-47-8	4-Chloroaniline	ND	11	4.2	ug/l	
86-74-8	Carbazole	ND	5.3	1.1	ug/l	
218-01-9	Chrysene	ND	5.3	1.1	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.3	1.1	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.3	2.1	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS497-MW04		
Lab Sample ID:	F44722-1	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.3	1.1	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.3	1.1	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.3	1.1	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.3	1.1	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.3	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.3	2.1	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.3	2.1	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	11	5.3	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.3	2.1	ug/l	
132-64-9	Dibenzofuran	ND	5.3	1.1	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.3	2.1	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.3	2.6	ug/l	
84-66-2	Diethyl phthalate	ND	5.3	2.1	ug/l	
131-11-3	Dimethyl phthalate	ND	5.3	2.1	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.3	2.6	ug/l	
206-44-0	Fluoranthene	ND	5.3	1.1	ug/l	
86-73-7	Fluorene	ND	5.3	1.1	ug/l	
118-74-1	Hexachlorobenzene	ND	5.3	1.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.3	2.1	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.3	2.1	ug/l	
67-72-1	Hexachloroethane	ND	5.3	2.1	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.3	2.1	ug/l	
78-59-1	Isophorone	ND	5.3	1.1	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.3	1.1	ug/l	
88-74-4	2-Nitroaniline	ND	11	4.2	ug/l	
99-09-2	3-Nitroaniline	ND	11	4.2	ug/l	
100-01-6	4-Nitroaniline	ND	11	4.2	ug/l	
91-20-3	Naphthalene	ND	5.3	1.1	ug/l	
98-95-3	Nitrobenzene	ND	5.3	1.1	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.3	2.1	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	2.1	ug/l	
85-01-8	Phenanthrene	ND	5.3	1.1	ug/l	
129-00-0	Pyrene	ND	5.3	1.1	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	34%		19-90%
4165-62-2	Phenol-d5	24%		10-68%
118-79-6	2,4,6-Tribromophenol	74%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS497-MW04		
Lab Sample ID:	F44722-1	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	58%		49-119%
321-60-8	2-Fluorobiphenyl	54%		45-118%
1718-51-0	Terphenyl-d14	68%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
10544	Cyclic octaatomic sulfur	12.40	7.6	ug/l	JN
	Total TIC, Semi-Volatile		7.6	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTAS497-MW04		
Lab Sample ID:	F44722-1	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ019762.D	1	10/28/06	AF	n/a	n/a	GQQ761
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		71-130%
98-08-8	aaa-Trifluorotoluene	100%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTAS497-MW04		
Lab Sample ID:	F44722-1	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024685.D	1	11/02/06	MM	n/a	n/a	GUV1418
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	80%		70-130%
460-00-4	BFB	76%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTAS497-MW04		
Lab Sample ID:	F44722-1	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22272.D	1	11/14/06	ME	11/01/06	OP18373	GZF1036
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	57%		40-140%
580-13-2	2-Bromonaphthalene	92%		40-140%
84-15-1	o-Terphenyl	62%		40-140%
321-60-8	2-Fluorobiphenyl	91%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTAS497-MW03		
Lab Sample ID:	F44722-2	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05746.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.6	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.6	4.8	ug/l	
95-48-7	2-Methylphenol	ND	4.8	1.9	ug/l	
	3&4-Methylphenol	ND	4.8	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.6	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.6	ug/l	
108-95-2	Phenol	ND	4.8	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.96	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.96	ug/l	
120-12-7	Anthracene	ND	4.8	0.96	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.96	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.96	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.96	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.96	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.96	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.96	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.96	ug/l	
106-47-8	4-Chloroaniline	ND	9.6	3.8	ug/l	
86-74-8	Carbazole	ND	4.8	0.96	ug/l	
218-01-9	Chrysene	ND	4.8	0.96	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.96	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS497-MW03		
Lab Sample ID:	F44722-2	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.96	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.96	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.96	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.96	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.96	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.6	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.96	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.96	ug/l	
86-73-7	Fluorene	ND	4.8	0.96	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.96	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.8	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	1.9	ug/l	
78-59-1	Isophorone	ND	4.8	0.96	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.96	ug/l	
88-74-4	2-Nitroaniline	ND	9.6	3.8	ug/l	
99-09-2	3-Nitroaniline	ND	9.6	3.8	ug/l	
100-01-6	4-Nitroaniline	ND	9.6	3.8	ug/l	
91-20-3	Naphthalene	ND	4.8	0.96	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.96	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.96	ug/l	
129-00-0	Pyrene	ND	4.8	0.96	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.96	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	33%		19-90%
4165-62-2	Phenol-d5	22%		10-68%
118-79-6	2,4,6-Tribromophenol	75%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTAS497-MW03		
Lab Sample ID:	F44722-2	Date Sampled:	10/24/06
Matrix:	AQ - Ground Water	Date Received:	10/25/06
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	58%		49-119%
321-60-8	2-Fluorobiphenyl	55%		45-118%
1718-51-0	Terphenyl-d14	64%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
10544	Cyclic octaatomic sulfur	12.40	5.1	ug/l	JN
	Total TIC, Semi-Volatile		5.1	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTAS497-MW03		
Lab Sample ID:	F44722-2	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ019763.D	1	10/28/06	AF	n/a	n/a	GQQ761
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		71-130%
98-08-8	aaa-Trifluorotoluene	101%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTAS497-MW03		
Lab Sample ID:	F44722-2	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024686.D	1	11/02/06	MM	n/a	n/a	GUV1418
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	82%		70-130%
460-00-4	BFB	78%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS497-MW03		
Lab Sample ID:	F44722-2	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	ZF22180.D	1	11/07/06	ME	11/01/06	OP18373	GZF1032
Run #2 [b]	ZF22276.D	1	11/14/06	ME	11/08/06	OP18450	GZF1036

	Initial Volume	Final Volume
Run #1	1010 ml	2.0 ml
Run #2	1000 ml	2.0 ml

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	154	200	150	ug/l	J
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	23%	44%	40-140%
580-13-2	2-Bromonaphthalene	47%	89%	40-140%
84-15-1	o-Terphenyl	56%	79%	40-140%
321-60-8	2-Fluorobiphenyl	55%	83%	40-140%

(a) Confirmed by re-extraction and reanalysis beyond holdtime.
(b) Confirmation run.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:16 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS497-MW06		
Lab Sample ID:	F44722-3	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05747.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS497-MW06		
Lab Sample ID:	F44722-3	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	8.6	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	28%		19-90%
4165-62-2	Phenol-d5	19%		10-68%
118-79-6	2,4,6-Tribromophenol	78%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS497-MW06		
Lab Sample ID:	F44722-3	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	61%		49-119%
321-60-8	2-Fluorobiphenyl	63%		45-118%
1718-51-0	Terphenyl-d14	71%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
104	1-Hexanol, 2-ethyl-	4.62	9.9	ug/l	JN
13151	Decane, 3-methyl-	4.86	7	ug/l	JN
7094	Cyclohexane, 1,1,2-trimethyl-	5.07	9.1	ug/l	JN
17312	Decane, 3,7-dimethyl-	5.19	7.8	ug/l	JN
14676	Heptane, 3-ethyl-2-methyl-	5.35	6.5	ug/l	JN
934	3-Phenylbut-1-ene	5.38	6.3	ug/l	JN
7045	Undecane, 2-methyl-	5.41	6.4	ug/l	JN
17312	Decane, 3,8-dimethyl-	5.45	6	ug/l	JN
17301	Undecane, 3,6-dimethyl-	5.71	13	ug/l	JN
54676	Cyclohexane, 2-butyl-1,1,3-trimeth	5.83	13	ug/l	JN
4292	Cyclohexane, hexyl-	5.93	5.2	ug/l	JN
17312	Undecane, 2,4-dimethyl-	5.97	5.8	ug/l	JN
6117	Dodecane, 4-methyl-	6.00	5.1	ug/l	JN
17301	Undecane, 2,10-dimethyl-	6.04	5.2	ug/l	JN
61141	Dodecane, 4,6-dimethyl-	6.09	21	ug/l	JN
629	Tridecane	6.29	6.9	ug/l	JN
1560	Tridecane, 2-methyl-	6.74	6.4	ug/l	JN
6418	Tridecane, 3-methyl-	6.80	7.2	ug/l	JN
629	Tetradecane	7.01	12	ug/l	JN
17312	Decane, 5-propyl-	7.48	7.8	ug/l	JN
	Total TIC, Semi-Volatile		167.6	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:16 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS497-MW06		
Lab Sample ID:	F44722-3	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ019803.D	1	10/31/06	AF	n/a	n/a	GQQ763
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	0.76	1.0	0.50	ug/l	J
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%		71-130%
98-08-8	aaa-Trifluorotoluene	103%		71-124%

(a) All hits confirmed by GC/MS.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:16 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS497-MW06		
Lab Sample ID:	F44722-3	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024779.D	1	11/07/06	MM	n/a	n/a	GUV1421
Run #2 [a]	UV024717.D	1	11/03/06	MM	n/a	n/a	GUV1419

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	332	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	219	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	85%	103%	70-130%
460-00-4	BFB	97%	147%	70-130%

(a) Confirmation run.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:16 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS497-MW06		
Lab Sample ID:	F44722-3	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22199.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	568	200	150	ug/l	
	C9-C18 Aliphatics	1550	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	44%		40-140%
580-13-2	2-Bromonaphthalene	73%		40-140%
84-15-1	o-Terphenyl	62%		40-140%
321-60-8	2-Fluorobiphenyl	73%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:16 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS497-MW01		
Lab Sample ID:	F44722-4	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05748.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS497-MW01		
Lab Sample ID:	F44722-4	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	15.0	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	21%		19-90%
4165-62-2	Phenol-d5	13%		10-68%
118-79-6	2,4,6-Tribromophenol	60%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS497-MW01		
Lab Sample ID:	F44722-4	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		49-119%
321-60-8	2-Fluorobiphenyl	65%		45-118%
1718-51-0	Terphenyl-d14	61%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
629	Tridecane	6.29	5.4	ug/l	JN
629	Tetradecane	7.02	8	ug/l	JN
	Total TIC, Semi-Volatile		13.4	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:16 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS497-MW01		
Lab Sample ID:	F44722-4	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ019764.D	1	10/28/06	AF	n/a	n/a	GQQ761
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		71-130%
98-08-8	aaa-Trifluorotoluene	100%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:16 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS497-MW01		
Lab Sample ID:	F44722-4	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024688.D	1	11/02/06	MM	n/a	n/a	GUV1418
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	84%		70-130%
460-00-4	BFB	78%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS497-MW01		
Lab Sample ID:	F44722-4	**Date Sampled:**	10/24/06
Matrix:	AQ - Ground Water	**Date Received:**	10/25/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	ZF22182.D	1	11/07/06	ME	11/01/06	OP18373	GZF1032
Run #2 [b]	ZF22277.D	1	11/14/06	ME	11/08/06	OP18450	GZF1036

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2	1010 ml	2.0 ml

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	169	200	150	ug/l	J
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	22%	41%	40-140%
580-13-2	2-Bromonaphthalene	95%	65%	40-140%
84-15-1	o-Terphenyl	77%	65%	40-140%
321-60-8	2-Fluorobiphenyl	96%	59%	40-140%

(a) Confirmed by re-extraction and reanalysis beyond holdtime.
(b) Confirmation run.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

COC Number:
119909-RR-102406-1

F44722

Shaw Environmental & Infrastructure, Inc.

CHAIN-OF-CUSTODY RECORD

Shaw E & I - Piney Green Rd. Lot 203 Bld 626 - 910-451-2390

Receiving LAB: Accutest

Project Name	Project Location		
CAMP LEJEUNE - RR	CAMP LEJEUNE, NC		
Project Number	**Contact**	**P.O. Number**	**Reviewed by**
119909	Mark Martin	200935	
Client Rep	**Project Manager**		
US NAVY - LANTDIV	Ron Kenyon		

Item No.	Sample Number	Date	Time	Comp	Grab	Sample Description	Number of Containers	Analysis Desired: Voas +Xylenes 602	PAHs 625	MADEP EPH	MADEP VPH
1	USTAS497-MW04	10/24/06	11:15		X	USTAS497-MW04	10	X	X	X	X
2	USTAS497-MW03	10/24/06	12:00		X	USTAS497-MW03	10	X	X	X	X
3	USTAS497-MW06	10/24/06	12:30		X	USTAS497-MW06	10	X	X	X	X
4	USTAS497-MW01	10/24/06	13:20		X	USTAS497-MW01	10	X	X	X	X
5											
6											
7											
8											
9											
10											

Transfer Number	Item Number	Transfers Relinquished By	Transfers Accepted By	Date	Time
1	1 -- 4		FedEx 8580 9102 0609	10/24/06	16:00
2			Jorge Corral	10-25-06	9:00
3					

Remarks

14 Day TAT
NEESA LEVEL C

F44722: Chain of Custody
Page 1 of 2

ACCUTEST. F44722

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F44722 CLIENT: SHAW PROJECT: Camp lejeune - RR

DATE/TIME RECEIVED: 10-25-06 9:00 # OF COOLERS RECEIVED: 2 COOLER TEMPS: 2.4 3.2

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8580 9102 0609

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [x] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [x] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [x] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [x] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DOES NOT MATCH LABEL(S)
- [ ] ID'S ON COC DOES NOT MATCH LABEL(S)
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

MISC. INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OR LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS: Received only 2 vials for second set of vials for sample # 4

TECHNICIAN SIGNATURE/DATE: Jmc 10-25-06 TECHNICIAN SIGNATURE/DATE: ASBD 10/03/06

F44722: Chain of Custody
Page 2 of 2

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MB	R05738.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: Method: EPA 625

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MB	R05738.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: Method: EPA 625

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	34%	19-90%
4165-62-2	Phenol-d5	23%	10-68%

Method Blank Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MB	R05738.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: Method: EPA 625

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	62%	36-137%
4165-60-0	Nitrobenzene-d5	52%	49-119%
321-60-8	2-Fluorobiphenyl	50%	45-118%
1718-51-0	Terphenyl-d14	63%	46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

Method Blank Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MB	R05781.D	1	11/07/06	NJ	10/30/06	OP18332	SR271

The QC reported here applies to the following samples: **Method:** EPA 625

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MB	R05781.D	1	11/07/06	NJ	10/30/06	OP18332	SR271

The QC reported here applies to the following samples: Method: EPA 625

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	31%	19-90%
4165-62-2	Phenol-d5	21%	10-68%

Method Blank Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MB	R05781.D	1	11/07/06	NJ	10/30/06	OP18332	SR271

The QC reported here applies to the following samples: Method: EPA 625

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	50%	36-137%
4165-60-0	Nitrobenzene-d5	52%	49-119%
321-60-8	2-Fluorobiphenyl	52%	45-118%
1718-51-0	Terphenyl-d14	63%	46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

Blank Spike Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-BS	R05737.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: Method: EPA 625

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	30.2	30	10-50
95-57-8	2-Chlorophenol	50	33.3	67	57-100
59-50-7	4-Chloro-3-methyl phenol	50	41.0	82	63-105
120-83-2	2,4-Dichlorophenol	50	37.5	75	65-106
105-67-9	2,4-Dimethylphenol	50	28.1	56	49-90
51-28-5	2,4-Dinitrophenol	100	89.7	90	26-125
534-52-1	4,6-Dinitro-o-cresol	100	95.6	96	56-121
95-48-7	2-Methylphenol	50	30.4	61	48-90
	3&4-Methylphenol	100	61.1	61	43-94
88-75-5	2-Nitrophenol	50	35.7	71	62-107
100-02-7	4-Nitrophenol	100	43.1	43	19-66
87-86-5	Pentachlorophenol	100	101	101	62-120
108-95-2	Phenol	50	18.3	37	20-65
95-95-4	2,4,5-Trichlorophenol	50	40.1	80	67-103
88-06-2	2,4,6-Trichlorophenol	50	39.4	79	68-104
83-32-9	Acenaphthene	50	40.3	81	67-101
208-96-8	Acenaphthylene	50	39.3	79	65-100
120-12-7	Anthracene	50	43.7	87	71-103
56-55-3	Benzo(a)anthracene	50	38.4	77	71-105
50-32-8	Benzo(a)pyrene	50	43.2	86	67-106
205-99-2	Benzo(b)fluoranthene	50	43.6	87	68-108
191-24-2	Benzo(g,h,i)perylene	50	42.3	85	65-110
207-08-9	Benzo(k)fluoranthene	50	44.4	89	69-110
101-55-3	4-Bromophenyl phenyl ether	50	42.2	84	71-106
85-68-7	Butyl benzyl phthalate	50	38.4	77	66-110
100-51-6	Benzyl Alcohol	50	34.3	69	36-101
91-58-7	2-Chloronaphthalene	50	36.5	73	62-99
106-47-8	4-Chloroaniline	50	36.4	73	58-101
86-74-8	Carbazole	50	45.5	91	73-106
218-01-9	Chrysene	50	39.2	78	71-105
111-91-1	bis(2-Chloroethoxy)methane	50	32.7	65	56-101
111-44-4	bis(2-Chloroethyl)ether	50	34.6	69	60-108
108-60-1	bis(2-Chloroisopropyl)ether	50	32.0	64	49-108
7005-72-3	4-Chlorophenyl phenyl ether	50	41.9	84	69-106
95-50-1	1,2-Dichlorobenzene	50	33.8	68	48-98
541-73-1	1,3-Dichlorobenzene	50	32.0	64	44-95

Blank Spike Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-BS	R05737.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: Method: EPA 625

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-46-7	1,4-Dichlorobenzene	50	32.1	64	46-96
121-14-2	2,4-Dinitrotoluene	50	44.3	89	64-107
606-20-2	2,6-Dinitrotoluene	50	40.5	81	64-102
91-94-1	3,3'-Dichlorobenzidine	50	37.2	74	54-109
53-70-3	Dibenzo(a,h)anthracene	50	43.2	86	61-112
132-64-9	Dibenzofuran	50	40.7	81	70-102
84-74-2	Di-n-butyl phthalate	50	42.6	85	69-109
117-84-0	Di-n-octyl phthalate	50	44.7	89	63-125
84-66-2	Diethyl phthalate	50	43.8	88	66-111
131-11-3	Dimethyl phthalate	50	41.4	83	66-109
117-81-7	bis(2-Ethylhexyl)phthalate	50	38.7	77	66-114
206-44-0	Fluoranthene	50	45.5	91	71-108
86-73-7	Fluorene	50	42.5	85	68-102
118-74-1	Hexachlorobenzene	50	41.8	84	69-103
87-68-3	Hexachlorobutadiene	50	32.0	64	48-100
77-47-4	Hexachlorocyclopentadiene	50	26.4	53	20-85
67-72-1	Hexachloroethane	50	31.6	63	41-98
193-39-5	Indeno(1,2,3-cd)pyrene	50	42.7	85	66-112
78-59-1	Isophorone	50	39.0	78	62-105
91-57-6	2-Methylnaphthalene	50	38.8	78	62-105
88-74-4	2-Nitroaniline	50	43.4	87	66-105
99-09-2	3-Nitroaniline	50	40.0	80	56-104
100-01-6	4-Nitroaniline	50	45.9	92	62-110
91-20-3	Naphthalene	50	34.8	70	56-99
98-95-3	Nitrobenzene	50	35.0	70	60-102
621-64-7	N-Nitroso-di-n-propylamine	50	37.6	75	56-101
86-30-6	N-Nitrosodiphenylamine	50	40.6	81	69-106
85-01-8	Phenanthrene	50	43.5	87	71-104
129-00-0	Pyrene	50	38.2	76	67-108
120-82-1	1,2,4-Trichlorobenzene	50	33.6	67	52-99

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	48%	19-90%
4165-62-2	Phenol-d5	34%	10-68%

Blank Spike Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-BS	R05737.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: Method: EPA 625

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Surrogate Recoveries	BSP	Limits
118-79-6	2,4,6-Tribromophenol	87%	36-137%
4165-60-0	Nitrobenzene-d5	69%	49-119%
321-60-8	2-Fluorobiphenyl	70%	45-118%
1718-51-0	Terphenyl-d14	76%	46-135%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MS	R05744.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
OP18332-MSD	R05745.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
F44722-1	R05743.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: Method: EPA 625

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Compound	F44722-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND		192	103	54	79.8	41	25	10-80/45
95-57-8	2-Chlorophenol	ND		96.2	68.9	72	54.9	57	23	43-109/27
59-50-7	4-Chloro-3-methyl phenol	ND		96.2	86.0	89	70.5	73	20	57-109/20
120-83-2	2,4-Dichlorophenol	ND		96.2	78.8	82	61.7	64	24*	49-114/23
105-67-9	2,4-Dimethylphenol	ND		96.2	57.8	60	47.2	49	20	32-103/24
51-28-5	2,4-Dinitrophenol	ND		192	162	84	140	73	15	20-131/28
534-52-1	4,6-Dinitro-o-cresol	ND		192	177	92	149	77	17	46-130/23
95-48-7	2-Methylphenol	ND		96.2	66.1	69	52.4	54	23	40-102/25
	3&4-Methylphenol	ND		192	141	73	113	59	22	39-97/24
88-75-5	2-Nitrophenol	ND		96.2	73.9	77	57.3	60	25	46-115/26
100-02-7	4-Nitrophenol	ND		192	128	67	101	53	24	28-81/30
87-86-5	Pentachlorophenol	ND		192	204	106	168	87	19	53-128/22
108-95-2	Phenol	ND		96.2	50.8	53	39.6	41	25	19-81/33
95-95-4	2,4,5-Trichlorophenol	ND		96.2	84.3	88	67.2	70	23*	56-110/19
88-06-2	2,4,6-Trichlorophenol	ND		96.2	82.4	86	66.7	69	21*	55-112/19
83-32-9	Acenaphthene	ND		96.2	84.8	88	69.6	72	20*	58-109/18
208-96-8	Acenaphthylene	ND		96.2	82.6	86	67.6	70	20*	59-103/18
120-12-7	Anthracene	ND		96.2	90.2	94	77.6	81	15	65-108/16
56-55-3	Benzo(a)anthracene	ND		96.2	78.5	82	68.0	71	14	68-106/17
50-32-8	Benzo(a)pyrene	ND		96.2	88.0	92	75.9	79	15	61-108/18
205-99-2	Benzo(b)fluoranthene	ND		96.2	90.1	94	77.0	80	16	65-109/18
191-24-2	Benzo(g,h,i)perylene	ND		96.2	88.0	92	74.3	77	17	60-114/19
207-08-9	Benzo(k)fluoranthene	ND		96.2	92.0	96	78.8	82	15	66-111/17
101-55-3	4-Bromophenyl phenyl ether	ND		96.2	84.0	87	73.6	77	13	68-108/17
85-68-7	Butyl benzyl phthalate	ND		96.2	76.6	80	66.7	69	14	64-111/18
100-51-6	Benzyl Alcohol	ND		96.2	78.4	82	62.6	65	22	44-105/26
91-58-7	2-Chloronaphthalene	ND		96.2	77.0	80	62.4	65	21*	57-102/20
106-47-8	4-Chloroaniline	ND		96.2	70.1	73	60.0	62	16	37-106/27
86-74-8	Carbazole	ND		96.2	92.7	96	79.3	82	16	68-111/16
218-01-9	Chrysene	ND		96.2	80.0	83	69.3	72	14	69-106/17
111-91-1	bis(2-Chloroethoxy)methane	ND		96.2	67.6	70	54.9	57	21	46-106/24
111-44-4	bis(2-Chloroethyl)ether	ND		96.2	69.9	73	57.0	59	20	48-114/28
108-60-1	bis(2-Chloroisopropyl)ether	ND		96.2	64.5	67	53.2	55	19	43-110/26
7005-72-3	4-Chlorophenyl phenyl ether	ND		96.2	84.3	88	72.3	75	15	66-107/17
95-50-1	1,2-Dichlorobenzene	ND		96.2	69.3	72	56.3	59	21	45-103/24
541-73-1	1,3-Dichlorobenzene	ND		96.2	65.8	68	54.2	56	19	42-100/24

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MS	R05744.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
OP18332-MSD	R05745.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
F44722-1	R05743.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: Method: EPA 625

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Compound	F44722-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
106-46-7	1,4-Dichlorobenzene	ND		96.2	67.6	70	54.0	56	22	43-102/24
121-14-2	2,4-Dinitrotoluene	ND		96.2	89.4	93	76.3	79	16	60-108/18
606-20-2	2,6-Dinitrotoluene	ND		96.2	82.7	86	71.0	74	15	59-105/18
91-94-1	3,3'-Dichlorobenzidine	ND		96.2	72.7	76	63.9	66	13	21-120/24
53-70-3	Dibenzo(a,h)anthracene	ND		96.2	89.6	93	76.0	79	16	59-112/18
132-64-9	Dibenzofuran	ND		96.2	84.3	88	69.6	72	19*	65-105/17
84-74-2	Di-n-butyl phthalate	ND		96.2	86.0	89	73.2	76	16	68-109/18
117-84-0	Di-n-octyl phthalate	ND		96.2	88.8	92	75.2	78	17	59-127/23
84-66-2	Diethyl phthalate	ND		96.2	88.2	92	75.6	79	15	64-111/18
131-11-3	Dimethyl phthalate	ND		96.2	85.0	88	73.8	77	14	63-109/17
117-81-7	bis(2-Ethylhexyl)phthalate	ND		96.2	87.4	91	75.3	78	15	58-119/21
206-44-0	Fluoranthene	ND		96.2	94.2	98	81.2	84	15	68-110/18
86-73-7	Fluorene	ND		96.2	88.2	92	74.1	77	17	62-106/17
118-74-1	Hexachlorobenzene	ND		96.2	86.3	90	73.3	76	16	66-106/16
87-68-3	Hexachlorobutadiene	ND		96.2	67.8	71	54.1	56	22	46-107/26
77-47-4	Hexachlorocyclopentadiene	ND		96.2	50.4	52	42.6	44	17	16-84/31
67-72-1	Hexachloroethane	ND		96.2	65.3	68	52.1	54	22	39-105/25
193-39-5	Indeno(1,2,3-cd)pyrene	ND		96.2	89.2	93	75.4	78	17	61-115/19
78-59-1	Isophorone	ND		96.2	80.3	84	66.9	70	18	54-107/22
91-57-6	2-Methylnaphthalene	ND		96.2	80.3	84	65.6	68	20	53-112/22
88-74-4	2-Nitroaniline	ND		96.2	91.2	95	75.8	79	18	60-108/18
99-09-2	3-Nitroaniline	ND		96.2	75.8	79	68.4	71	10	43-103/23
100-01-6	4-Nitroaniline	ND		96.2	90.3	94	79.2	82	13	55-110/19
91-20-3	Naphthalene	ND		96.2	73.0	76	59.1	61	21	49-104/24
98-95-3	Nitrobenzene	ND		96.2	72.4	75	59.7	62	19	50-107/25
621-64-7	N-Nitroso-di-n-propylamine	ND		96.2	74.3	77	63.1	66	16	47-104/23
86-30-6	N-Nitrosodiphenylamine	ND		96.2	84.0	87	72.0	75	15	63-110/17
85-01-8	Phenanthrene	ND		96.2	90.0	94	77.8	81	15	67-108/17
129-00-0	Pyrene	ND		96.2	78.4	82	69.0	72	13	65-108/18
120-82-1	1,2,4-Trichlorobenzene	ND		96.2	70.2	73	57.0	59	21	49-104/25

CAS No.	Surrogate Recoveries	MS	MSD	F44722-1	Limits
367-12-4	2-Fluorophenol	61%	48%	34%	19-90%
4165-62-2	Phenol-d5	50%	38%	24%	10-68%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MS	R05744.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
OP18332-MSD	R05745.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
F44722-1	R05743.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: Method: EPA 625

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Surrogate Recoveries	MS	MSD	F44722-1	Limits
118-79-6	2,4,6-Tribromophenol	91%	76%	74%	36-137%
4165-60-0	Nitrobenzene-d5	72%	59%	58%	49-119%
321-60-8	2-Fluorobiphenyl	75%	61%	54%	45-118%
1718-51-0	Terphenyl-d14	78%	69%	68%	46-135%

GC Volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ761-MB	QQ019752.D	1	10/28/06	AF	n/a	n/a	GQQ761

The QC reported here applies to the following samples: Method: EPA 601/602

F44722-1, F44722-2, F44722-4

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	91%	71-130%
98-08-8	aaa-Trifluorotoluene	99%	71-124%

Method Blank Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ763-MB	QQ019802.D	1	10/31/06	AF	n/a	n/a	GQQ763

The QC reported here applies to the following samples: Method: EPA 601/602

F44722-3

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	93%	71-130%
98-08-8	aaa-Trifluorotoluene	100%	71-124%

Method Blank Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1418-MB	UV024684.D	1	11/02/06	MM	n/a	n/a	GUV1418

The QC reported here applies to the following samples: Method: MADEP VPH

F44722-1, F44722-2, F44722-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	BFB	74%	70-130%
460-00-4	BFB	71%	70-130%

Method Blank Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1421-MB	UV024760.D	1	11/07/06	MM	n/a	n/a	GUV1421

The QC reported here applies to the following samples: Method: MADEP VPH

F44722-3

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	BFB	79%	70-130%
460-00-4	BFB	77%	70-130%

Blank Spike Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ761-BS	QQ019751.D	1	10/28/06	AF	n/a	n/a	GQQ761

The QC reported here applies to the following samples: Method: EPA 601/602

F44722-1, F44722-2, F44722-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	19.1	96	81-121
108-90-7	Chlorobenzene	20	18.8	94	76-120
95-50-1	1,2-Dichlorobenzene	20	18.0	90	63-127
541-73-1	1,3-Dichlorobenzene	20	18.1	91	70-124
106-46-7	1,4-Dichlorobenzene	20	19.4	97	68-121
100-41-4	Ethylbenzene	20	19.3	97	79-124
1634-04-4	Methyl Tert Butyl Ether	20	17.3	87	73-118
108-88-3	Toluene	20	19.2	96	79-122
1330-20-7	Xylenes (total)	60	57.0	95	79-121

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	100%	71-130%
98-08-8	aaa-Trifluorotoluene	102%	71-124%

Blank Spike Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ763-BS	QQ019801.D	1	10/31/06	AF	n/a	n/a	GQQ763

The QC reported here applies to the following samples: Method: EPA 601/602

F44722-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	19.7	99	81-121
108-90-7	Chlorobenzene	20	19.1	96	76-120
95-50-1	1,2-Dichlorobenzene	20	18.0	90	63-127
541-73-1	1,3-Dichlorobenzene	20	18.1	91	70-124
106-46-7	1,4-Dichlorobenzene	20	19.5	98	68-121
100-41-4	Ethylbenzene	20	19.5	98	79-124
1634-04-4	Methyl Tert Butyl Ether	20	18.2	91	73-118
108-88-3	Toluene	20	19.5	98	79-122
1330-20-7	Xylenes (total)	60	58.1	97	79-121

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	100%	71-130%
98-08-8	aaa-Trifluorotoluene	101%	71-124%

Blank Spike Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1418-BS	UV024683.D	1	11/02/06	MM	n/a	n/a	GUV1418

The QC reported here applies to the following samples: Method: MADEP VPH

F44722-1, F44722-2, F44722-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C5- C8 Aliphatics (Unadj.)	480	552	115	70-130
	C9- C12 Aliphatics (Unadj.)	480	490	102	70-130
	C9- C10 Aromatics (Unadj.)	80	79.5	99	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	BFB	100%	70-130%
460-00-4	BFB	94%	70-130%

Blank Spike Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1421-BS	UV024759.D	1	11/07/06	MM	n/a	n/a	GUV1421

The QC reported here applies to the following samples: Method: MADEP VPH

F44722-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C5- C8 Aliphatics (Unadj.)	480	556	116	70-130
	C9- C12 Aliphatics (Unadj.)	480	516	108	70-130
	C9- C10 Aromatics (Unadj.)	80	80.4	101	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	BFB	104%	70-130%
460-00-4	BFB	98%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44722-1MS	QQ019766.D	1	10/28/06	AF	n/a	n/a	GQQ761
F44722-1MSD	QQ019767.D	1	10/28/06	AF	n/a	n/a	GQQ761
F44722-1	QQ019762.D	1	10/28/06	AF	n/a	n/a	GQQ761

The QC reported here applies to the following samples: Method: EPA 601/602

F44722-1, F44722-2, F44722-4

CAS No.	Compound	F44722-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	13.4	67*	17.1	86	24*	74-126/11
108-90-7	Chlorobenzene	ND		20	13.1	66*	16.7	84	24*	72-124/8
95-50-1	1,2-Dichlorobenzene	ND		20	12.6	63	15.9	80	23*	55-136/13
541-73-1	1,3-Dichlorobenzene	ND		20	12.6	63*	15.8	79	23*	65-132/16
106-46-7	1,4-Dichlorobenzene	ND		20	13.5	68	17.0	85	23*	61-133/11
100-41-4	Ethylbenzene	ND		20	13.3	67*	16.9	85	24*	71-131/8
1634-04-4	Methyl Tert Butyl Ether	ND		20	11.9	60*	15.7	79	28*	63-130/11
108-88-3	Toluene	ND		20	13.4	67*	17.0	85	24*	69-132/7
1330-20-7	Xylenes (total)	ND		60	39.5	66*	50.5	84	24*	71-127/8

CAS No.	Surrogate Recoveries	MS	MSD	F44722-1	Limits
460-00-4	4-Bromofluorobenzene	99%	98%	94%	71-130%
98-08-8	aaa-Trifluorotoluene	101%	99%	100%	71-124%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44798-4MS	QQ019813.D	1	10/31/06	AF	n/a	n/a	GQQ763
F44798-4MSD	QQ019814.D	1	10/31/06	AF	n/a	n/a	GQQ763
F44798-4	QQ019809.D	1	10/31/06	AF	n/a	n/a	GQQ763

The QC reported here applies to the following samples: Method: EPA 601/602

F44722-3

CAS No.	Compound	F44798-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	19.2	96	19.3	97	1	74-126/11
108-90-7	Chlorobenzene	ND		20	18.5	93	18.5	93	0	72-124/8
95-50-1	1,2-Dichlorobenzene	ND		20	17.4	87	17.5	88	1	55-136/13
541-73-1	1,3-Dichlorobenzene	ND		20	17.6	88	17.5	88	1	65-132/16
106-46-7	1,4-Dichlorobenzene	ND		20	18.9	95	18.8	94	1	61-133/11
100-41-4	Ethylbenzene	ND		20	18.9	95	18.9	95	0	71-131/8
1634-04-4	Methyl Tert Butyl Ether	ND		20	17.7	89	17.5	88	1	63-130/11
108-88-3	Toluene	ND		20	19.0	95	19.0	95	0	69-132/7
1330-20-7	Xylenes (total)	ND		60	56.0	93	56.0	93	0	71-127/8

CAS No.	Surrogate Recoveries	MS	MSD	F44798-4	Limits
460-00-4	4-Bromofluorobenzene	105%	100%	94%	71-130%
98-08-8	aaa-Trifluorotoluene	105%	100%	100%	71-124%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44722-1MS	UV024709.D	1	11/02/06	MM	n/a	n/a	GUV1418
F44722-1MSD	UV024710.D	1	11/02/06	MM	n/a	n/a	GUV1418
F44722-1	UV024685.D	1	11/02/06	MM	n/a	n/a	GUV1418

The QC reported here applies to the following samples: Method: MADEP VPH

F44722-1, F44722-2, F44722-4

CAS No.	Compound	F44722-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C5- C8 Aliphatics (Unadj.)	ND		480	492	103	432	90	13	70-130/50
	C9- C12 Aliphatics (Unadj.)	ND		480	436	91	408	85	7	70-130/50
	C9- C10 Aromatics (Unadj.)	ND		80	74.6	93	71.4	89	4	70-130/50

CAS No.	Surrogate Recoveries	MS	MSD	F44722-1	Limits
460-00-4	BFB	86%	85%	80%	70-130%
460-00-4	BFB	85%	82%	76%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44942-4MS	UV024774.D	1	11/07/06	MM	n/a	n/a	GUV1421
F44942-4MSD	UV024775.D	1	11/07/06	MM	n/a	n/a	GUV1421
F44942-4	UV024766.D	1	11/07/06	MM	n/a	n/a	GUV1421

The QC reported here applies to the following samples: Method: MADEP VPH

F44722-3

CAS No.	Compound	F44942-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C5- C8 Aliphatics (Unadj.)	ND		480	481	100	496	103	3	70-130/50
	C9- C12 Aliphatics (Unadj.)	ND		480	454	95	470	98	3	70-130/50
	C9- C10 Aromatics (Unadj.)	ND		80	77.4	97	78.8	99	2	70-130/50

CAS No.	Surrogate Recoveries	MS	MSD	F44942-4	Limits
460-00-4	BFB	87%	87%	76%	70-130%
460-00-4	BFB	85%	86%	75%	70-130%

Duplicate Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44722-2DUP	UV024711.D	1	11/02/06	MM	n/a	n/a	GUV1418
F44722-2	UV024686.D	1	11/02/06	MM	n/a	n/a	GUV1418

The QC reported here applies to the following samples: Method: MADEP VPH

F44722-1, F44722-2, F44722-4

CAS No.	Compound	F44722-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C5- C8 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C12 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C10 Aromatics (Unadj.)	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F44722-2	Limits
460-00-4	BFB	76%	82%	70-130%
460-00-4	BFB	73%	78%	70-130%

Duplicate Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44942-5DUP	UV024781.D	1	11/07/06	MM	n/a	n/a	GUV1421
F44942-5	UV024771.D	1	11/07/06	MM	n/a	n/a	GUV1421

The QC reported here applies to the following samples: Method: MADEP VPH

F44722-3

CAS No.	Compound	F44942-5 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C5- C8 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C12 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C10 Aromatics (Unadj.)	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F44942-5	Limits
460-00-4	BFB	71%	75%	70-130%
460-00-4	BFB	72%	74%	70-130%

GC Semi-volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18373-MB	ZF22178.D	1	11/07/06	ME	11/01/06	OP18373	GZF1032

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	45%	40-140%
580-13-2	2-Bromonaphthalene	61%	40-140%
84-15-1	o-Terphenyl	55%	40-140%
321-60-8	2-Fluorobiphenyl	57%	40-140%

Method Blank Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18373-MB	ZF22193.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	52%	40-140%
580-13-2	2-Bromonaphthalene	64%	40-140%
84-15-1	o-Terphenyl	59%	40-140%
321-60-8	2-Fluorobiphenyl	60%	40-140%

Method Blank Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18373-MB	ZF22271.D	1	11/14/06	ME	11/01/06	OP18373	GZF1036

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	49%	40-140%
580-13-2	2-Bromonaphthalene	69%	40-140%
84-15-1	o-Terphenyl	64%	40-140%
321-60-8	2-Fluorobiphenyl	63%	40-140%

Blank Spike Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18373-BS	ZF22177.D	1	11/07/06	ME	11/01/06	OP18373	GZF1032

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C11-C22 Aromatics (Unadj.)	850	584	69	40-140
	C9-C18 Aliphatics	300	216	72	40-140
	C19-C36 Aliphatics	400	274	69	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
3386-33-2	1-Chlorooctadecane	41%	40-140%
580-13-2	2-Bromonaphthalene	43%	40-140%
84-15-1	o-Terphenyl	57%	40-140%
321-60-8	2-Fluorobiphenyl	49%	40-140%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18373-MS	ZF22201.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033
OP18373-MSD	ZF22202.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033
F44798-3 [a]	ZF22200.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Compound	F44798-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C11-C22 Aromatics (Unadj.)	408		1670	1340	56	1880	88	34	40-140/50
	C9-C18 Aliphatics	ND		588	937	159*	615	105	41	40-140/50
	C19-C36 Aliphatics	ND		784	807	103	670	85	19	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	F44798-3	Limits
3386-33-2	1-Chlorooctadecane	78%	54%	32%*	40-140%
580-13-2	2-Bromonaphthalene	40%	76%	83%	40-140%
84-15-1	o-Terphenyl	68%	87%	82%	40-140%
321-60-8	2-Fluorobiphenyl	61%	80%	96%	40-140%

(a) Confirmed by re-extraction and reanalysis.

Duplicate Summary

Job Number: F44722
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18373-DUP	ZF22195.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033
F44798-4	ZF22194.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44722-1, F44722-2, F44722-3, F44722-4

CAS No.	Compound	F44798-4 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C11-C22 Aromatics (Unadj.)	153	J	166	J	8	
	C9-C18 Aliphatics	ND		ND		nc	
	C19-C36 Aliphatics	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F44798-4	Limits
3386-33-2	1-Chlorooctadecane	26%*	27%* [a]	40-140%
580-13-2	2-Bromonaphthalene	69%	65%	40-140%
84-15-1	o-Terphenyl	65%	64%	40-140%
321-60-8	2-Fluorobiphenyl	74%	69%	40-140%

(a) Outside control limits due to matrix interference. Confirmed by batch QC.

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11/20/06

Technical Report for

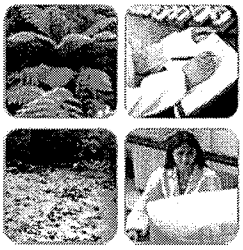
Shaw E & I, Inc.

Camp Lejeune-MCAS-Rapid Refueler

119909

Accutest Job Number: F44798

Sampling Dates: 10/25/06 - 10/26/06



Report to:

Shaw E & I, Inc.

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ATTN: Natasha Sullivan

Total number of pages in report: 80

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Harry Behzadi, Ph.D.
Laboratory Director

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Sample Summary

Shaw E & I, Inc.

Job No: F44798

Camp Lejeune-MCAS-Rapid Refueler
Project No: 119909

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
F44798-1	10/25/06	09:30	KJ	10/27/06	AQ	Ground Water	USTAS497-MW02
F44798-2	10/26/06	10:30	KJ	10/27/06	AQ	Ground Water	USTAS527-MW12
F44798-3	10/26/06	11:00	KJ	10/27/06	AQ	Ground Water	USTAS512-MW16
F44798-4	10/26/06	12:00	KJ	10/27/06	AQ	Ground Water	USTAS511-MW03
F44798-5	10/26/06	11:30	KJ	10/27/06	AQ	Ground Water	USTAS511-MW07
F44798-6	10/26/06	13:20	KJ	10/27/06	AQ	Ground Water	USTAS511-MW08
F44798-7	10/26/06	13:45	KJ	10/27/06	AQ	Ground Water	USTAS511-MW04

Sample Results

Report of Analysis

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS497-MW02		
Lab Sample ID:	F44798-1	**Date Sampled:**	10/25/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05749.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	4.8	ug/l	
95-48-7	2-Methylphenol	ND	4.8	1.9	ug/l	
	3&4-Methylphenol	ND	4.8	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.5	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.5	ug/l	
108-95-2	Phenol	ND	4.8	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.95	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.95	ug/l	
120-12-7	Anthracene	ND	4.8	0.95	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.95	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.95	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.95	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.95	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.95	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.95	ug/l	
106-47-8	4-Chloroaniline	ND	9.5	3.8	ug/l	
86-74-8	Carbazole	ND	4.8	0.95	ug/l	
218-01-9	Chrysene	ND	4.8	0.95	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.95	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS497-MW02		
Lab Sample ID:	F44798-1	**Date Sampled:**	10/25/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.95	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.95	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.95	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.95	ug/l	
86-73-7	Fluorene	ND	4.8	0.95	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.95	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.8	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	1.9	ug/l	
78-59-1	Isophorone	ND	4.8	0.95	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.95	ug/l	
88-74-4	2-Nitroaniline	ND	9.5	3.8	ug/l	
99-09-2	3-Nitroaniline	ND	9.5	3.8	ug/l	
100-01-6	4-Nitroaniline	ND	9.5	3.8	ug/l	
91-20-3	Naphthalene	ND	4.8	0.95	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.95	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.95	ug/l	
129-00-0	Pyrene	ND	4.8	0.95	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.95	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	31%		19-90%
4165-62-2	Phenol-d5	21%		10-68%
118-79-6	2,4,6-Tribromophenol	81%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS497-MW02		
Lab Sample ID:	F44798-1	**Date Sampled:**	10/25/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		49-119%
321-60-8	2-Fluorobiphenyl	71%		45-118%
1718-51-0	Terphenyl-d14	63%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS497-MW02		
Lab Sample ID:	F44798-1	**Date Sampled:**	10/25/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ019804.D	1	10/31/06	AF	n/a	n/a	GQQ763
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	1.1	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		71-130%
98-08-8	aaa-Trifluorotoluene	100%		71-124%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTAS497-MW02		
Lab Sample ID:	F44798-1	**Date Sampled:**	10/25/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024689.D	1	11/02/06	MM	n/a	n/a	GUV1418
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	82%		70-130%
460-00-4	BFB	79%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTAS497-MW02		
Lab Sample ID:	F44798-1	**Date Sampled:**	10/25/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22183.D	1	11/07/06	ME	11/01/06	OP18373	GZF1032
Run #2 [a]	ZF22278.D	1	11/14/06	ME	11/08/06	OP18450	GZF1036

	Initial Volume	Final Volume
Run #1	1050 ml	2.0 ml
Run #2	1010 ml	2.0 ml

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	190	140	ug/l	
	C9-C18 Aliphatics	ND	190	190	ug/l	
	C19-C36 Aliphatics	ND	190	190	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	36% [b]	21%	40-140%
580-13-2	2-Bromonaphthalene	83%	71%	40-140%
84-15-1	o-Terphenyl	70%	71%	40-140%
321-60-8	2-Fluorobiphenyl	82%	66%	40-140%

(a) Confirmation run.
(b) Confirmed by re-extraction and reanalysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS527-MW12		
Lab Sample ID:	F44798-2	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05750.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
Run #2	R05783.D	2	11/07/06	NJ	10/30/06	OP18332	SR271

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2	1020 ml	1.0 ml

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	9.8	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.9	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.9	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.9	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	9.8	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.8	4.9	ug/l	
95-48-7	2-Methylphenol	ND	4.9	2.0	ug/l	
	3&4-Methylphenol	ND	4.9	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	9.8	ug/l	
87-86-5	Pentachlorophenol	ND	25	9.8	ug/l	
108-95-2	Phenol	ND	4.9	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.9	2.0	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.98	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.98	ug/l	
120-12-7	Anthracene	ND	4.9	0.98	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.98	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.98	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.98	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.98	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.9	0.98	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.9	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.98	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.98	ug/l	
106-47-8	4-Chloroaniline	ND	9.8	3.9	ug/l	
86-74-8	Carbazole	ND	4.9	0.98	ug/l	
218-01-9	Chrysene	ND	4.9	0.98	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.98	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS527-MW12		
Lab Sample ID:	F44798-2	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.9	0.98	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.9	0.98	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.98	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.98	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.98	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.8	4.9	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	2.0	ug/l	
132-64-9	Dibenzofuran	ND	4.9	0.98	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.9	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.9	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	4.9	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.9	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	2.5	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.98	ug/l	
86-73-7	Fluorene	ND	4.9	0.98	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.98	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.9	2.0	ug/l	
67-72-1	Hexachloroethane	ND	4.9	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	2.0	ug/l	
78-59-1	Isophorone	ND	4.9	0.98	ug/l	
91-57-6	2-Methylnaphthalene	83.9	4.9	0.98	ug/l	
88-74-4	2-Nitroaniline	ND	9.8	3.9	ug/l	
99-09-2	3-Nitroaniline	ND	9.8	3.9	ug/l	
100-01-6	4-Nitroaniline	ND	9.8	3.9	ug/l	
91-20-3	Naphthalene	126 [a]	9.8	2.0	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.98	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.9	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	2.0	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.98	ug/l	
129-00-0	Pyrene	ND	4.9	0.98	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	34%	29%	19-90%
4165-62-2	Phenol-d5	24%	20%	10-68%
118-79-6	2,4,6-Tribromophenol	82%	74%	36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS527-MW12		
Lab Sample ID:	F44798-2	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	60%	56%	49-119%
321-60-8	2-Fluorobiphenyl	61%	61%	45-118%
1718-51-0	Terphenyl-d14	69%	65%	46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
526	Benzene, 1,2,3-trimethyl-	4.28	23	ug/l	JN
95-63-6	Benzene, 1,2,4-trimethyl-	4.44	120	ug/l	JN
496	Indane	4.69	26	ug/l	JN
135	Benzene, 1,2-diethyl-	4.75	19	ug/l	JN
1758	Benzene, 2-ethyl-1,4-dimethyl-	4.81	43	ug/l	JN
1074	Benzene, 1-methyl-2-propyl-	4.86	18	ug/l	JN
933	Benzene, 1-ethyl-2,3-dimethyl-	4.92	37	ug/l	JN
535	Benzene, 1-methyl-3-(1-methylethyl	4.94	30	ug/l	JN
95	Benzene, 1,2,4,5-tetramethyl-	5.17	18	ug/l	JN
488	Benzene, 1,2,3,4-tetramethyl-	5.20	25	ug/l	JN
527-53-7	Benzene, 1,2,3,5-tetramethyl-	5.39	63	ug/l	JN
119	Naphthalene, 1,2,3,4-tetrahydro-	5.48	31	ug/l	JN
83	1H-Inden-1-one, 2,3-dihydro-	6.27	81	ug/l	JN
611	Benzoic acid, 2,4-dimethyl-	6.67	19	ug/l	JN
1000201	7-Methylindan-1-one	6.75	20	ug/l	JN
	unknown	7.21	65	ug/l	J
581	Naphthalene, 2,6-dimethyl-	7.30	19	ug/l	JN
582-16-1	Naphthalene, 2,7-dimethyl-	7.34	38	ug/l	JN
6939	1(2H)-Naphthalenone, 3,4-dihydro-5	8.07	18	ug/l	JN
10544	Cyclic octaatomic sulfur	12.41	29	ug/l	JN
	Total TIC, Semi-Volatile		742	ug/l	J

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS527-MW12		
Lab Sample ID:	F44798-2	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ019805.D	1	10/31/06	AF	n/a	n/a	GQQ763
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	3.2	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	15.4	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.1	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	5.5	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	105%		71-130%
98-08-8	aaa-Trifluorotoluene	100%		71-124%

(a) All hits confirmed by GC/MS.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS527-MW12		
Lab Sample ID:	F44798-2	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024727.D	5	11/03/06	MM	n/a	n/a	GUV1419
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	380	250	ug/l	
	C9- C12 Aliphatics (Unadj.)	922	280	150	ug/l	
	C9- C10 Aromatics (Unadj.)	1050	100	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	85%		70-130%
460-00-4	BFB	85%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS527-MW12		
Lab Sample ID:	F44798-2	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22205.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	790	190	140	ug/l	
	C9-C18 Aliphatics	ND	190	190	ug/l	
	C19-C36 Aliphatics	ND	190	190	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	57%		40-140%
580-13-2	2-Bromonaphthalene	87%		40-140%
84-15-1	o-Terphenyl	74%		40-140%
321-60-8	2-Fluorobiphenyl	91%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS512-MW16		
Lab Sample ID:	F44798-3	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05751.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS512-MW16		
Lab Sample ID:	F44798-3	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	19.7	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	20.5	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%		19-90%
4165-62-2	Phenol-d5	27%		10-68%
118-79-6	2,4,6-Tribromophenol	90%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS512-MW16		
Lab Sample ID:	F44798-3	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	74%		49-119%
321-60-8	2-Fluorobiphenyl	72%		45-118%
1718-51-0	Terphenyl-d14	74%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
103	Benzene, propyl-	4.17	6.5	ug/l	JN
108	Benzene, 1,3,5-trimethyl-	4.44	53	ug/l	JN
496	Indane	4.69	10	ug/l	JN
141	Benzene, 1,3-diethyl-	4.75	6.2	ug/l	JN
1074	Benzene, 1-methyl-3-propyl-	4.77	9.5	ug/l	JN
105	Benzene, 1,4-diethyl-	4.81	19	ug/l	JN
135	Benzene, (1-methylpropyl)-	4.86	13	ug/l	JN
934	Benzene, 4-ethyl-1,2-dimethyl-	4.92	14	ug/l	JN
99	Benzene, 1-methyl-4-(1-methylethyl	4.94	18	ug/l	JN
2050	Benzene, 1,3-diethyl-5-methyl-	5.07	7.9	ug/l	JN
25155	Benzene, methyl(1-methylethyl)-	5.17	6.4	ug/l	JN
488	Benzene, 1,2,3,4-tetramethyl-	5.19	11	ug/l	JN
1758	Benzene, 2-ethyl-1,4-dimethyl-	5.32	6.1	ug/l	JN
95	Benzene, 1,2,4,5-tetramethyl-	5.39	26	ug/l	JN
119	Naphthalene, 1,2,3,4-tetrahydro-	5.48	18	ug/l	JN
1680	Naphthalene, 1,2,3,4-tetrahydro-6-	6.15	6.9	ug/l	JN
581	Naphthalene, 2,6-dimethyl-	7.20	9.4	ug/l	JN
581	Naphthalene, 2,3-dimethyl-	7.29	7.4	ug/l	JN
575	Naphthalene, 1,7-dimethyl-	7.33	7.2	ug/l	JN
10544	Cyclic octaatomic sulfur	12.41	20	ug/l	JN
	Total TIC, Semi-Volatile		275.5	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS512-MW16		
Lab Sample ID:	F44798-3	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ019808.D	1	10/31/06	AF	n/a	n/a	GQQ763
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	2.8	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	5.6	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		71-130%
98-08-8	aaa-Trifluorotoluene	101%		71-124%

(a) All hits confirmed by GC/MS.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS512-MW16		
Lab Sample ID:	F44798-3	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024691.D	1	11/02/06	MM	n/a	n/a	GUV1418
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	309	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	290	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	83%		70-130%
460-00-4	BFB	84%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS512-MW16		
Lab Sample ID:	F44798-3	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	ZF22200.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033
Run #2 [b]	ZF22279.D	1	11/14/06	ME	11/08/06	OP18450	GZF1036

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2	1040 ml	2.0 ml

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	408	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	32%	52%	40-140%
580-13-2	2-Bromonaphthalene	83%	88%	40-140%
84-15-1	o-Terphenyl	82%	96%	40-140%
321-60-8	2-Fluorobiphenyl	96%	91%	40-140%

(a) Confirmed by re-extraction and reanalysis.
(b) Confirmation run.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW03		
Lab Sample ID:	F44798-4	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ019809.D	1	10/31/06	AF	n/a	n/a	GQQ763
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		71-130%
98-08-8	aaa-Trifluorotoluene	100%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW03		
Lab Sample ID:	F44798-4	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024718.D	1	11/03/06	MM	n/a	n/a	GUV1419
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	81%		70-130%
460-00-4	BFB	78%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW03		
Lab Sample ID:	F44798-4	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22194.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	153	200	150	ug/l	J
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	27% [a]		40-140%
580-13-2	2-Bromonaphthalene	65%		40-140%
84-15-1	o-Terphenyl	64%		40-140%
321-60-8	2-Fluorobiphenyl	69%		40-140%

(a) Outside control limits due to matrix interference. Confirmed by batch QC.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTAS511-MW07		
Lab Sample ID:	F44798-5	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05752.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	9.8	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.9	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.9	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.9	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	9.8	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.8	4.9	ug/l	
95-48-7	2-Methylphenol	ND	4.9	2.0	ug/l	
	3&4-Methylphenol	ND	4.9	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	9.8	ug/l	
87-86-5	Pentachlorophenol	ND	25	9.8	ug/l	
108-95-2	Phenol	ND	4.9	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.9	2.0	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.98	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.98	ug/l	
120-12-7	Anthracene	ND	4.9	0.98	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.98	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.98	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.98	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.98	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.9	0.98	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.9	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.98	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.98	ug/l	
106-47-8	4-Chloroaniline	ND	9.8	3.9	ug/l	
86-74-8	Carbazole	ND	4.9	0.98	ug/l	
218-01-9	Chrysene	ND	4.9	0.98	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.98	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW07		
Lab Sample ID:	F44798-5	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.9	0.98	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.9	0.98	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.98	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.98	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.98	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.8	4.9	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	2.0	ug/l	
132-64-9	Dibenzofuran	ND	4.9	0.98	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.9	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.9	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	4.9	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.9	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	2.5	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.98	ug/l	
86-73-7	Fluorene	ND	4.9	0.98	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.98	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.9	2.0	ug/l	
67-72-1	Hexachloroethane	ND	4.9	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	2.0	ug/l	
78-59-1	Isophorone	ND	4.9	0.98	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.9	0.98	ug/l	
88-74-4	2-Nitroaniline	ND	9.8	3.9	ug/l	
99-09-2	3-Nitroaniline	ND	9.8	3.9	ug/l	
100-01-6	4-Nitroaniline	ND	9.8	3.9	ug/l	
91-20-3	Naphthalene	ND	4.9	0.98	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.98	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.9	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	2.0	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.98	ug/l	
129-00-0	Pyrene	ND	4.9	0.98	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	28%		19-90%
4165-62-2	Phenol-d5	19%		10-68%
118-79-6	2,4,6-Tribromophenol	71%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW07		
Lab Sample ID:	F44798-5	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	66%		49-119%
321-60-8	2-Fluorobiphenyl	64%		45-118%
1718-51-0	Terphenyl-d14	66%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW07		
Lab Sample ID:	F44798-5	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ019810.D	1	10/31/06	AF	n/a	n/a	GQQ763
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		71-130%
98-08-8	aaa-Trifluorotoluene	100%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTAS511-MW07		
Lab Sample ID:	F44798-5	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024695.D	1	11/02/06	MM	n/a	n/a	GUV1418
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	81%		70-130%
460-00-4	BFB	76%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW07		
Lab Sample ID:	F44798-5	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22196.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033
Run #2 [a]	ZF22282.D	1	11/14/06	ME	11/08/06	OP18450	GZF1036

	Initial Volume	Final Volume
Run #1	1020 ml	2.0 ml
Run #2	1020 ml	2.0 ml

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	218	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	27% [b]	36%	40-140%
580-13-2	2-Bromonaphthalene	59%	80%	40-140%
84-15-1	o-Terphenyl	46%	65%	40-140%
321-60-8	2-Fluorobiphenyl	67%	78%	40-140%

(a) Confirmation run.
(b) Confirmed by re-extraction and reanalysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTAS511-MW08		
Lab Sample ID:	F44798-6	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05753.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	4.8	ug/l	
95-48-7	2-Methylphenol	ND	4.8	1.9	ug/l	
	3&4-Methylphenol	ND	4.8	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.5	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.5	ug/l	
108-95-2	Phenol	ND	4.8	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.95	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.95	ug/l	
120-12-7	Anthracene	ND	4.8	0.95	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.95	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.95	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.95	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.95	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.95	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.95	ug/l	
106-47-8	4-Chloroaniline	ND	9.5	3.8	ug/l	
86-74-8	Carbazole	ND	4.8	0.95	ug/l	
218-01-9	Chrysene	ND	4.8	0.95	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.95	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW08		
Lab Sample ID:	F44798-6	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.95	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.95	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.95	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	3.8	4.8	2.4	ug/l	J
206-44-0	Fluoranthene	ND	4.8	0.95	ug/l	
86-73-7	Fluorene	ND	4.8	0.95	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.95	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.8	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	1.9	ug/l	
78-59-1	Isophorone	ND	4.8	0.95	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.95	ug/l	
88-74-4	2-Nitroaniline	ND	9.5	3.8	ug/l	
99-09-2	3-Nitroaniline	ND	9.5	3.8	ug/l	
100-01-6	4-Nitroaniline	ND	9.5	3.8	ug/l	
91-20-3	Naphthalene	ND	4.8	0.95	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.95	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.95	ug/l	
129-00-0	Pyrene	ND	4.8	0.95	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.95	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	45%		19-90%
4165-62-2	Phenol-d5	29%		10-68%
118-79-6	2,4,6-Tribromophenol	91%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW08		
Lab Sample ID:	F44798-6	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	78%		49-119%
321-60-8	2-Fluorobiphenyl	78%		45-118%
1718-51-0	Terphenyl-d14	74%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTAS511-MW08		
Lab Sample ID:	F44798-6	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ019811.D	1	10/31/06	AF	n/a	n/a	GQQ763
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		71-130%
98-08-8	aaa-Trifluorotoluene	100%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW08		
Lab Sample ID:	F44798-6	Date Sampled:	10/26/06
Matrix:	AQ - Ground Water	Date Received:	10/27/06
Method:	MADEP VPH	Percent Solids:	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024696.D	1	11/02/06	MM	n/a	n/a	GUV1418
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	73%		70-130%
460-00-4	BFB	72%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW08		
Lab Sample ID:	F44798-6	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22197.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033
Run #2 [a]	ZF22283.D	1	11/14/06	ME	11/08/06	OP18450	GZF1036

	Initial Volume	Final Volume
Run #1	1020 ml	2.0 ml
Run #2	1030 ml	2.0 ml

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	23% [b]	33%	40-140%
580-13-2	2-Bromonaphthalene	84%	60%	40-140%
84-15-1	o-Terphenyl	79%	69%	40-140%
321-60-8	2-Fluorobiphenyl	86%	61%	40-140%

(a) Confirmation run.
(b) Confirmed ND by re-extraction and reanalysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW04		
Lab Sample ID:	F44798-7	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	R05754.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
Run #2 [b]	R05835.D	1	11/08/06	NJ	11/08/06	OP18438	SR273

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2	1000 ml	1.0 ml

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	9.8	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.9	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.9	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.9	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	9.8	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.8	4.9	ug/l	
95-48-7	2-Methylphenol	ND	4.9	2.0	ug/l	
	3&4-Methylphenol	ND	4.9	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	9.8	ug/l	
87-86-5	Pentachlorophenol	ND	25	9.8	ug/l	
108-95-2	Phenol	ND	4.9	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.9	2.0	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.98	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.98	ug/l	
120-12-7	Anthracene	ND	4.9	0.98	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.98	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.98	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.98	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.98	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.9	0.98	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.9	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.98	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.98	ug/l	
106-47-8	4-Chloroaniline	ND	9.8	3.9	ug/l	
86-74-8	Carbazole	ND	4.9	0.98	ug/l	
218-01-9	Chrysene	ND	4.9	0.98	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.98	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW04		
Lab Sample ID:	F44798-7	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.9	0.98	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.9	0.98	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.98	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.98	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.98	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.8	4.9	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	2.0	ug/l	
132-64-9	Dibenzofuran	ND	4.9	0.98	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.9	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.9	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	4.9	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.9	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	2.5	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.98	ug/l	
86-73-7	Fluorene	ND	4.9	0.98	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.98	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.9	2.0	ug/l	
67-72-1	Hexachloroethane	ND	4.9	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	2.0	ug/l	
78-59-1	Isophorone	ND	4.9	0.98	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.9	0.98	ug/l	
88-74-4	2-Nitroaniline	ND	9.8	3.9	ug/l	
99-09-2	3-Nitroaniline	ND	9.8	3.9	ug/l	
100-01-6	4-Nitroaniline	ND	9.8	3.9	ug/l	
91-20-3	Naphthalene	ND	4.9	0.98	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.98	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.9	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	2.0	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.98	ug/l	
129-00-0	Pyrene	ND	4.9	0.98	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	13%	25%	19-90%
4165-62-2	Phenol-d5	8%	16%	10-68%
118-79-6	2,4,6-Tribromophenol	33%	53%	36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW04		
Lab Sample ID:	F44798-7	Date Sampled:	10/26/06
Matrix:	AQ - Ground Water	Date Received:	10/27/06
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	32%	57%	49-119%
321-60-8	2-Fluorobiphenyl	31%	50%	45-118%
1718-51-0	Terphenyl-d14	36%	54%	46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
111	Hexadecanoic acid, butyl ester	13.20	5.6	ug/l	JN
123	Octadecanoic acid, butyl ester	14.57	10	ug/l	JN
	Total TIC, Semi-Volatile		15.6	ug/l	J

(a) Confirmed ND by re-extraction and reanalysis beyond holdtime.
(b) Confirmation run.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW04		
Lab Sample ID:	F44798-7	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ019812.D	1	10/31/06	AF	n/a	n/a	GQQ763
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		71-130%
98-08-8	aaa-Trifluorotoluene	100%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW04		
Lab Sample ID:	F44798-7	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024697.D	1	11/02/06	MM	n/a	n/a	GUV1418
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	73%		70-130%
460-00-4	BFB	71%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 09:33 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW04		
Lab Sample ID:	F44798-7	**Date Sampled:**	10/26/06
Matrix:	AQ - Ground Water	**Date Received:**	10/27/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22284.D	1	11/15/06	ME	11/08/06	OP18450	GZF1036
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	157	190	150	ug/l	J
	C9-C18 Aliphatics	ND	190	190	ug/l	
	C19-C36 Aliphatics	ND	190	190	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	42%		40-140%
580-13-2	2-Bromonaphthalene	64%		40-140%
84-15-1	o-Terphenyl	61%		40-140%
321-60-8	2-Fluorobiphenyl	62%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

F44798

CHAIN-OF-CUSTODY RECORD

COC Number:
119909-RR-102606-1

Shaw
Shaw Environmental & Infrastructure, Inc.

3.1 3

Shaw E & I - Piney Green Rd. Lot 203 Bld 626 - 910-451-2390 | Receiving LAB: Accutest

Project Name	Project Location		
CAMP LEJEUNE - RR	CAMP LEJEUNE, NC		
Project Number	**Contact**	**P.O. Number**	**Reviewed by**
119909	Mark Martin	200935	
Client Rep	**Project Manager**		
US NAVY - LANTDIV	Ron Kenyon		

Item No.	Sample Number	Date	Time	Comp	Grab	Sample Description	Number of Containers	602 w/ Xylenes & MTBE	625 plus TICS	MADEP EPH	MADEP VPH	Analysis Desired
1	USTAS497-MW02	10/25/06	9:30		X	USTAS497-MW02	10	X	X	X	X	
2	USTAS527-MW12	10/26/06	10:30		X	USTAS527-MW12	10	X	X	X	X	
3	USTAS512-MW16	10/26/06	11:00		X	USTAS512-MW16	10	X	X	X	X	
4	USTAS511-MW03	10/26/06	12:00		X	USTAS511-MW03	10	X	X	X	X	
5	USTAS511-MW07	10/26/06	11:30		X	USTAS511-MW07	10	X	X	X	X	
6	USTAS511-MW08	10/26/06	13:20		X	USTAS511-MW08	10	X	X	X	X	
7	USTAS511-MW04	10/26/06	13:45		X	USTAS511-MW04	10	X	X	X	X	
8												
9												
10												

Transfer Number	Item Number	Transfers Relinquished By	Transfers Accepted By	Date	Time
1	1 -- 7	[signature] FX	FedEx 8580 9102 0609	10/26/06	16:00
2			[signature]	10-27-06	09:30
3					

Remarks

14 Day TAT
NEESA LEVEL C
3.4 4.0 2.8

F44798: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F44798 CLIENT: SHAW PROJECT: CAMP LEJEUNE - RR

DATE/TIME RECEIVED: 10-27-06 09:00 # OF COOLERS RECEIVED: 3 COOLER TEMPS: 3.4 4.0 2.8

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [ ] TRIP BLANK PROVIDED
- [X] TRIP BLANK NOT PROVIDED
- [X] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [X] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [X] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DOES NOT MATCH LABEL(S)
- [ ] ID'S ON COC DOES NOT MATCH LABEL(S)
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [X] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

MISC. INFORMATION

NUMBER OF ENCORES ? ϕ

NUMBER OF 5035 FIELD KITS ? ϕ

NUMBER OR LAB FILTERED METALS ? ϕ

SUMMARY OF COMMENTS: RECEIVED ONLY 2 AMBERS 1(625) 1(EPH) FOR SAMPLE # 2

RECEIVED ONLY 2 AMBERS (~~EPA~~ EPH) FOR SAMPLE # 4

RECEIVED ONLY 1 AMBER (625) FOR SAMPLE # 5

TECHNICIAN SIGNATURE/DATE JC 10-27-06 TECHNICIAN SIGNATURE/DATE ASBD 10/03/06

F44798: Chain of Custody
Page 2 of 2

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MB	R05738.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: Method: EPA 625

F44798-1, F44798-2, F44798-3, F44798-5, F44798-6, F44798-7

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MB	R05738.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: Method: EPA 625

F44798-1, F44798-2, F44798-3, F44798-5, F44798-6, F44798-7

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	34%	19-90%
4165-62-2	Phenol-d5	23%	10-68%

Method Blank Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MB	R05738.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: Method: EPA 625

F44798-1, F44798-2, F44798-3, F44798-5, F44798-6, F44798-7

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	62%	36-137%
4165-60-0	Nitrobenzene-d5	52%	49-119%
321-60-8	2-Fluorobiphenyl	50%	45-118%
1718-51-0	Terphenyl-d14	63%	46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

Method Blank Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MB	R05781.D	1	11/07/06	NJ	10/30/06	OP18332	SR271

The QC reported here applies to the following samples: Method: EPA 625

F44798-1, F44798-2, F44798-3, F44798-5, F44798-6, F44798-7

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MB	R05781.D	1	11/07/06	NJ	10/30/06	OP18332	SR271

The QC reported here applies to the following samples: Method: EPA 625

F44798-1, F44798-2, F44798-3, F44798-5, F44798-6, F44798-7

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	31%	19-90%
4165-62-2	Phenol-d5	21%	10-68%

Method Blank Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MB	R05781.D	1	11/07/06	NJ	10/30/06	OP18332	SR271

The QC reported here applies to the following samples: Method: EPA 625

F44798-1, F44798-2, F44798-3, F44798-5, F44798-6, F44798-7

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	50%	36-137%
4165-60-0	Nitrobenzene-d5	52%	49-119%
321-60-8	2-Fluorobiphenyl	52%	45-118%
1718-51-0	Terphenyl-d14	63%	46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

Blank Spike Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-BS	R05737.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: Method: EPA 625

F44798-1, F44798-2, F44798-3, F44798-5, F44798-6, F44798-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	30.2	30	10-50
95-57-8	2-Chlorophenol	50	33.3	67	57-100
59-50-7	4-Chloro-3-methyl phenol	50	41.0	82	63-105
120-83-2	2,4-Dichlorophenol	50	37.5	75	65-106
105-67-9	2,4-Dimethylphenol	50	28.1	56	49-90
51-28-5	2,4-Dinitrophenol	100	89.7	90	26-125
534-52-1	4,6-Dinitro-o-cresol	100	95.6	96	56-121
95-48-7	2-Methylphenol	50	30.4	61	48-90
	3&4-Methylphenol	100	61.1	61	43-94
88-75-5	2-Nitrophenol	50	35.7	71	62-107
100-02-7	4-Nitrophenol	100	43.1	43	19-66
87-86-5	Pentachlorophenol	100	101	101	62-120
108-95-2	Phenol	50	18.3	37	20-65
95-95-4	2,4,5-Trichlorophenol	50	40.1	80	67-103
88-06-2	2,4,6-Trichlorophenol	50	39.4	79	68-104
83-32-9	Acenaphthene	50	40.3	81	67-101
208-96-8	Acenaphthylene	50	39.3	79	65-100
120-12-7	Anthracene	50	43.7	87	71-103
56-55-3	Benzo(a)anthracene	50	38.4	77	71-105
50-32-8	Benzo(a)pyrene	50	43.2	86	67-106
205-99-2	Benzo(b)fluoranthene	50	43.6	87	68-108
191-24-2	Benzo(g,h,i)perylene	50	42.3	85	65-110
207-08-9	Benzo(k)fluoranthene	50	44.4	89	69-110
101-55-3	4-Bromophenyl phenyl ether	50	42.2	84	71-106
85-68-7	Butyl benzyl phthalate	50	38.4	77	66-110
100-51-6	Benzyl Alcohol	50	34.3	69	36-101
91-58-7	2-Chloronaphthalene	50	36.5	73	62-99
106-47-8	4-Chloroaniline	50	36.4	73	58-101
86-74-8	Carbazole	50	45.5	91	73-106
218-01-9	Chrysene	50	39.2	78	71-105
111-91-1	bis(2-Chloroethoxy)methane	50	32.7	65	56-101
111-44-4	bis(2-Chloroethyl)ether	50	34.6	69	60-108
108-60-1	bis(2-Chloroisopropyl)ether	50	32.0	64	49-108
7005-72-3	4-Chlorophenyl phenyl ether	50	41.9	84	69-106
95-50-1	1,2-Dichlorobenzene	50	33.8	68	48-98
541-73-1	1,3-Dichlorobenzene	50	32.0	64	44-95

Blank Spike Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-BS	R05737.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: Method: EPA 625

F44798-1, F44798-2, F44798-3, F44798-5, F44798-6, F44798-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-46-7	1,4-Dichlorobenzene	50	32.1	64	46-96
121-14-2	2,4-Dinitrotoluene	50	44.3	89	64-107
606-20-2	2,6-Dinitrotoluene	50	40.5	81	64-102
91-94-1	3,3'-Dichlorobenzidine	50	37.2	74	54-109
53-70-3	Dibenzo(a,h)anthracene	50	43.2	86	61-112
132-64-9	Dibenzofuran	50	40.7	81	70-102
84-74-2	Di-n-butyl phthalate	50	42.6	85	69-109
117-84-0	Di-n-octyl phthalate	50	44.7	89	63-125
84-66-2	Diethyl phthalate	50	43.8	88	66-111
131-11-3	Dimethyl phthalate	50	41.4	83	66-109
117-81-7	bis(2-Ethylhexyl)phthalate	50	38.7	77	66-114
206-44-0	Fluoranthene	50	45.5	91	71-108
86-73-7	Fluorene	50	42.5	85	68-102
118-74-1	Hexachlorobenzene	50	41.8	84	69-103
87-68-3	Hexachlorobutadiene	50	32.0	64	48-100
77-47-4	Hexachlorocyclopentadiene	50	26.4	53	20-85
67-72-1	Hexachloroethane	50	31.6	63	41-98
193-39-5	Indeno(1,2,3-cd)pyrene	50	42.7	85	66-112
78-59-1	Isophorone	50	39.0	78	62-105
91-57-6	2-Methylnaphthalene	50	38.8	78	62-105
88-74-4	2-Nitroaniline	50	43.4	87	66-105
99-09-2	3-Nitroaniline	50	40.0	80	56-104
100-01-6	4-Nitroaniline	50	45.9	92	62-110
91-20-3	Naphthalene	50	34.8	70	56-99
98-95-3	Nitrobenzene	50	35.0	70	60-102
621-64-7	N-Nitroso-di-n-propylamine	50	37.6	75	56-101
86-30-6	N-Nitrosodiphenylamine	50	40.6	81	69-106
85-01-8	Phenanthrene	50	43.5	87	71-104
129-00-0	Pyrene	50	38.2	76	67-108
120-82-1	1,2,4-Trichlorobenzene	50	33.6	67	52-99

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	48%	19-90%
4165-62-2	Phenol-d5	34%	10-68%

Blank Spike Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-BS	R05737.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: Method: EPA 625

F44798-1, F44798-2, F44798-3, F44798-5, F44798-6, F44798-7

CAS No.	Surrogate Recoveries	BSP	Limits
118-79-6	2,4,6-Tribromophenol	87%	36-137%
4165-60-0	Nitrobenzene-d5	69%	49-119%
321-60-8	2-Fluorobiphenyl	70%	45-118%
1718-51-0	Terphenyl-d14	76%	46-135%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MS	R05744.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
OP18332-MSD	R05745.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
F44722-1	R05743.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: Method: EPA 625

F44798-1, F44798-2, F44798-3, F44798-5, F44798-6, F44798-7

CAS No.	Compound	F44722-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND		192	103	54	79.8	41	25	10-80/45
95-57-8	2-Chlorophenol	ND		96.2	68.9	72	54.9	57	23	43-109/27
59-50-7	4-Chloro-3-methyl phenol	ND		96.2	86.0	89	70.5	73	20	57-109/20
120-83-2	2,4-Dichlorophenol	ND		96.2	78.8	82	61.7	64	24*	49-114/23
105-67-9	2,4-Dimethylphenol	ND		96.2	57.8	60	47.2	49	20	32-103/24
51-28-5	2,4-Dinitrophenol	ND		192	162	84	140	73	15	20-131/28
534-52-1	4,6-Dinitro-o-cresol	ND		192	177	92	149	77	17	46-130/23
95-48-7	2-Methylphenol	ND		96.2	66.1	69	52.4	54	23	40-102/25
	3&4-Methylphenol	ND		192	141	73	113	59	22	39-97/24
88-75-5	2-Nitrophenol	ND		96.2	73.9	77	57.3	60	25	46-115/26
100-02-7	4-Nitrophenol	ND		192	128	67	101	53	24	28-81/30
87-86-5	Pentachlorophenol	ND		192	204	106	168	87	19	53-128/22
108-95-2	Phenol	ND		96.2	50.8	53	39.6	41	25	19-81/33
95-95-4	2,4,5-Trichlorophenol	ND		96.2	84.3	88	67.2	70	23*	56-110/19
88-06-2	2,4,6-Trichlorophenol	ND		96.2	82.4	86	66.7	69	21*	55-112/19
83-32-9	Acenaphthene	ND		96.2	84.8	88	69.6	72	20*	58-109/18
208-96-8	Acenaphthylene	ND		96.2	82.6	86	67.6	70	20*	59-103/18
120-12-7	Anthracene	ND		96.2	90.2	94	77.6	81	15	65-108/16
56-55-3	Benzo(a)anthracene	ND		96.2	78.5	82	68.0	71	14	68-106/17
50-32-8	Benzo(a)pyrene	ND		96.2	88.0	92	75.9	79	15	61-108/18
205-99-2	Benzo(b)fluoranthene	ND		96.2	90.1	94	77.0	80	16	65-109/18
191-24-2	Benzo(g,h,i)perylene	ND		96.2	88.0	92	74.3	77	17	60-114/19
207-08-9	Benzo(k)fluoranthene	ND		96.2	92.0	96	78.8	82	15	66-111/17
101-55-3	4-Bromophenyl phenyl ether	ND		96.2	84.0	87	73.6	77	13	68-108/17
85-68-7	Butyl benzyl phthalate	ND		96.2	76.6	80	66.7	69	14	64-111/18
100-51-6	Benzyl Alcohol	ND		96.2	78.4	82	62.6	65	22	44-105/26
91-58-7	2-Chloronaphthalene	ND		96.2	77.0	80	62.4	65	21*	57-102/20
106-47-8	4-Chloroaniline	ND		96.2	70.1	73	60.0	62	16	37-106/27
86-74-8	Carbazole	ND		96.2	92.7	96	79.3	82	16	68-111/16
218-01-9	Chrysene	ND		96.2	80.0	83	69.3	72	14	69-106/17
111-91-1	bis(2-Chloroethoxy)methane	ND		96.2	67.6	70	54.9	57	21	46-106/24
111-44-4	bis(2-Chloroethyl)ether	ND		96.2	69.9	73	57.0	59	20	48-114/28
108-60-1	bis(2-Chloroisopropyl)ether	ND		96.2	64.5	67	53.2	55	19	43-110/26
7005-72-3	4-Chlorophenyl phenyl ether	ND		96.2	84.3	88	72.3	75	15	66-107/17
95-50-1	1,2-Dichlorobenzene	ND		96.2	69.3	72	56.3	59	21	45-103/24
541-73-1	1,3-Dichlorobenzene	ND		96.2	65.8	68	54.2	56	19	42-100/24

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MS	R05744.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
OP18332-MSD	R05745.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
F44722-1	R05743.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: Method: EPA 625

F44798-1, F44798-2, F44798-3, F44798-5, F44798-6, F44798-7

CAS No.	Compound	F44722-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
106-46-7	1,4-Dichlorobenzene	ND		96.2	67.6	70	54.0	56	22	43-102/24
121-14-2	2,4-Dinitrotoluene	ND		96.2	89.4	93	76.3	79	16	60-108/18
606-20-2	2,6-Dinitrotoluene	ND		96.2	82.7	86	71.0	74	15	59-105/18
91-94-1	3,3'-Dichlorobenzidine	ND		96.2	72.7	76	63.9	66	13	21-120/24
53-70-3	Dibenzo(a,h)anthracene	ND		96.2	89.6	93	76.0	79	16	59-112/18
132-64-9	Dibenzofuran	ND		96.2	84.3	88	69.6	72	19*	65-105/17
84-74-2	Di-n-butyl phthalate	ND		96.2	86.0	89	73.2	76	16	68-109/18
117-84-0	Di-n-octyl phthalate	ND		96.2	88.8	92	75.2	78	17	59-127/23
84-66-2	Diethyl phthalate	ND		96.2	88.2	92	75.6	79	15	64-111/18
131-11-3	Dimethyl phthalate	ND		96.2	85.0	88	73.8	77	14	63-109/17
117-81-7	bis(2-Ethylhexyl)phthalate	ND		96.2	87.4	91	75.3	78	15	58-119/21
206-44-0	Fluoranthene	ND		96.2	94.2	98	81.2	84	15	68-110/18
86-73-7	Fluorene	ND		96.2	88.2	92	74.1	77	17	62-106/17
118-74-1	Hexachlorobenzene	ND		96.2	86.3	90	73.3	76	16	66-106/16
87-68-3	Hexachlorobutadiene	ND		96.2	67.8	71	54.1	56	22	46-107/26
77-47-4	Hexachlorocyclopentadiene	ND		96.2	50.4	52	42.6	44	17	16-84/31
67-72-1	Hexachloroethane	ND		96.2	65.3	68	52.1	54	22	39-105/25
193-39-5	Indeno(1,2,3-cd)pyrene	ND		96.2	89.2	93	75.4	78	17	61-115/19
78-59-1	Isophorone	ND		96.2	80.3	84	66.9	70	18	54-107/22
91-57-6	2-Methylnaphthalene	ND		96.2	80.3	84	65.6	68	20	53-112/22
88-74-4	2-Nitroaniline	ND		96.2	91.2	95	75.8	79	18	60-108/18
99-09-2	3-Nitroaniline	ND		96.2	75.8	79	68.4	71	10	43-103/23
100-01-6	4-Nitroaniline	ND		96.2	90.3	94	79.2	82	13	55-110/19
91-20-3	Naphthalene	ND		96.2	73.0	76	59.1	61	21	49-104/24
98-95-3	Nitrobenzene	ND		96.2	72.4	75	59.7	62	19	50-107/25
621-64-7	N-Nitroso-di-n-propylamine	ND		96.2	74.3	77	63.1	66	16	47-104/23
86-30-6	N-Nitrosodiphenylamine	ND		96.2	84.0	87	72.0	75	15	63-110/17
85-01-8	Phenanthrene	ND		96.2	90.0	94	77.8	81	15	67-108/17
129-00-0	Pyrene	ND		96.2	78.4	82	69.0	72	13	65-108/18
120-82-1	1,2,4-Trichlorobenzene	ND		96.2	70.2	73	57.0	59	21	49-104/25

CAS No.	Surrogate Recoveries	MS	MSD	F44722-1	Limits
367-12-4	2-Fluorophenol	61%	48%	34%	19-90%
4165-62-2	Phenol-d5	50%	38%	24%	10-68%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18332-MS	R05744.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
OP18332-MSD	R05745.D	1	11/03/06	NJ	10/30/06	OP18332	SR270
F44722-1	R05743.D	1	11/03/06	NJ	10/30/06	OP18332	SR270

The QC reported here applies to the following samples: **Method:** EPA 625

F44798-1, F44798-2, F44798-3, F44798-5, F44798-6, F44798-7

CAS No.	Surrogate Recoveries	MS	MSD	F44722-1	Limits
118-79-6	2,4,6-Tribromophenol	91%	76%	74%	36-137%
4165-60-0	Nitrobenzene-d5	72%	59%	58%	49-119%
321-60-8	2-Fluorobiphenyl	75%	61%	54%	45-118%
1718-51-0	Terphenyl-d14	78%	69%	68%	46-135%

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ763-MB	QQ019802.D	1	10/31/06	AF	n/a	n/a	GQQ763

The QC reported here applies to the following samples: Method: EPA 601/602

F44798-1, F44798-2, F44798-3, F44798-4, F44798-5, F44798-6, F44798-7

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	93%	71-130%
98-08-8	aaa-Trifluorotoluene	100%	71-124%

Method Blank Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1418-MB	UV024684.D	1	11/02/06	MM	n/a	n/a	GUV1418

The QC reported here applies to the following samples: Method: MADEP VPH

F44798-1, F44798-3, F44798-5, F44798-6, F44798-7

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	BFB	74%	70-130%
460-00-4	BFB	71%	70-130%

Method Blank Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1419-MB	UV024716.D	1	11/03/06	MM	n/a	n/a	GUV1419

The QC reported here applies to the following samples: Method: MADEP VPH

F44798-2, F44798-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	BFB	79%	70-130%
460-00-4	BFB	76%	70-130%

Blank Spike Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ763-BS	QQ019801.D	1	10/31/06	AF	n/a	n/a	GQQ763

The QC reported here applies to the following samples: Method: EPA 601/602

F44798-1, F44798-2, F44798-3, F44798-4, F44798-5, F44798-6, F44798-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	19.7	99	81-121
108-90-7	Chlorobenzene	20	19.1	96	76-120
95-50-1	1,2-Dichlorobenzene	20	18.0	90	63-127
541-73-1	1,3-Dichlorobenzene	20	18.1	91	70-124
106-46-7	1,4-Dichlorobenzene	20	19.5	98	68-121
100-41-4	Ethylbenzene	20	19.5	98	79-124
1634-04-4	Methyl Tert Butyl Ether	20	18.2	91	73-118
108-88-3	Toluene	20	19.5	98	79-122
1330-20-7	Xylenes (total)	60	58.1	97	79-121

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	100%	71-130%
98-08-8	aaa-Trifluorotoluene	101%	71-124%

Blank Spike Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1418-BS	UV024683.D	1	11/02/06	MM	n/a	n/a	GUV1418

The QC reported here applies to the following samples: Method: MADEP VPH

F44798-1, F44798-3, F44798-5, F44798-6, F44798-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C5- C8 Aliphatics (Unadj.)	480	552	115	70-130
	C9- C12 Aliphatics (Unadj.)	480	490	102	70-130
	C9- C10 Aromatics (Unadj.)	80	79.5	99	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	BFB	100%	70-130%
460-00-4	BFB	94%	70-130%

Blank Spike Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1419-BS	UV024715.D	1	11/03/06	MM	n/a	n/a	GUV1419

The QC reported here applies to the following samples: Method: MADEP VPH

F44798-2, F44798-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C5- C8 Aliphatics (Unadj.)	480	584	122	70-130
	C9- C12 Aliphatics (Unadj.)	480	505	105	70-130
	C9- C10 Aromatics (Unadj.)	80	82.2	103	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	BFB	108%	70-130%
460-00-4	BFB	103%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44798-4MS	QQ019813.D	1	10/31/06	AF	n/a	n/a	GQQ763
F44798-4MSD	QQ019814.D	1	10/31/06	AF	n/a	n/a	GQQ763
F44798-4	QQ019809.D	1	10/31/06	AF	n/a	n/a	GQQ763

The QC reported here applies to the following samples: Method: EPA 601/602

F44798-1, F44798-2, F44798-3, F44798-4, F44798-5, F44798-6, F44798-7

CAS No.	Compound	F44798-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	19.2	96	19.3	97	1	74-126/11
108-90-7	Chlorobenzene	ND		20	18.5	93	18.5	93	0	72-124/8
95-50-1	1,2-Dichlorobenzene	ND		20	17.4	87	17.5	88	1	55-136/13
541-73-1	1,3-Dichlorobenzene	ND		20	17.6	88	17.5	88	1	65-132/16
106-46-7	1,4-Dichlorobenzene	ND		20	18.9	95	18.8	94	1	61-133/11
100-41-4	Ethylbenzene	ND		20	18.9	95	18.9	95	0	71-131/8
1634-04-4	Methyl Tert Butyl Ether	ND		20	17.7	89	17.5	88	1	63-130/11
108-88-3	Toluene	ND		20	19.0	95	19.0	95	0	69-132/7
1330-20-7	Xylenes (total)	ND		60	56.0	93	56.0	93	0	71-127/8

CAS No.	Surrogate Recoveries	MS	MSD	F44798-4	Limits
460-00-4	4-Bromofluorobenzene	105%	100%	94%	71-130%
98-08-8	aaa-Trifluorotoluene	105%	100%	100%	71-124%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44722-1MS	UV024709.D	1	11/02/06	MM	n/a	n/a	GUV1418
F44722-1MSD	UV024710.D	1	11/02/06	MM	n/a	n/a	GUV1418
F44722-1	UV024685.D	1	11/02/06	MM	n/a	n/a	GUV1418

The QC reported here applies to the following samples: Method: MADEP VPH

F44798-1, F44798-3, F44798-5, F44798-6, F44798-7

CAS No.	Compound	F44722-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C5- C8 Aliphatics (Unadj.)	ND		480	492	103	432	90	13	70-130/50
	C9- C12 Aliphatics (Unadj.)	ND		480	436	91	408	85	7	70-130/50
	C9- C10 Aromatics (Unadj.)	ND		80	74.6	93	71.4	89	4	70-130/50

CAS No.	Surrogate Recoveries	MS	MSD	F44722-1	Limits
460-00-4	BFB	86%	85%	80%	70-130%
460-00-4	BFB	85%	82%	76%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44722-3MS	UV024729.D	1	11/03/06	MM	n/a	n/a	GUV1419
F44722-3MSD	UV024730.D	1	11/03/06	MM	n/a	n/a	GUV1419
F44722-3 [a]	UV024717.D	1	11/03/06	MM	n/a	n/a	GUV1419

The QC reported here applies to the following samples: Method: MADEP VPH

F44798-2, F44798-4

CAS No.	Compound	F44722-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C5- C8 Aliphatics (Unadj.)	ND		480	471	98	469	98	0	70-130/50
	C9- C12 Aliphatics (Unadj.)	863		480	579	-59*	590	-57*	2	70-130/50
	C9- C10 Aromatics (Unadj.)	515	E	80	186	-411* [b]	198	-396* [b]	6	70-130/50

CAS No.	Surrogate Recoveries	MS	MSD	F44722-3	Limits
460-00-4	BFB	91%	94%	103%	70-130%
460-00-4	BFB	90%	100%	147%*	70-130%

(a) Confirmation run.
(b) Outside control limits due to high level in sample relative to spike amount.

Duplicate Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44722-2DUP	UV024711.D	1	11/02/06	MM	n/a	n/a	GUV1418
F44722-2	UV024686.D	1	11/02/06	MM	n/a	n/a	GUV1418

The QC reported here applies to the following samples: Method: MADEP VPH

F44798-1, F44798-3, F44798-5, F44798-6, F44798-7

CAS No.	Compound	F44722-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C5- C8 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C12 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C10 Aromatics (Unadj.)	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F44722-2	Limits
460-00-4	BFB	76%	82%	70-130%
460-00-4	BFB	73%	78%	70-130%

Duplicate Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44838-7DUP	UV024728.D	1	11/03/06	MM	n/a	n/a	GUV1419
F44838-7	UV024724.D	1	11/03/06	MM	n/a	n/a	GUV1419

The QC reported here applies to the following samples: Method: MADEP VPH

F44798-2, F44798-4

CAS No.	Compound	F44838-7 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C5- C8 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C12 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C10 Aromatics (Unadj.)	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F44838-7	Limits
460-00-4	BFB	73%	75%	70-130%
460-00-4	BFB	69%*	74%	70-130%

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18373-MB	ZF22178.D	1	11/07/06	ME	11/01/06	OP18373	GZF1032

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44798-1, F44798-2, F44798-3, F44798-4, F44798-5, F44798-6

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	45%	40-140%
580-13-2	2-Bromonaphthalene	61%	40-140%
84-15-1	o-Terphenyl	55%	40-140%
321-60-8	2-Fluorobiphenyl	57%	40-140%

Method Blank Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18373-MB	ZF22193.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44798-1, F44798-2, F44798-3, F44798-4, F44798-5, F44798-6

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	52%	40-140%
580-13-2	2-Bromonaphthalene	64%	40-140%
84-15-1	o-Terphenyl	59%	40-140%
321-60-8	2-Fluorobiphenyl	60%	40-140%

Method Blank Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18373-MB	ZF22271.D	1	11/14/06	ME	11/01/06	OP18373	GZF1036

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44798-1, F44798-2, F44798-3, F44798-4, F44798-5, F44798-6

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	49%	40-140%
580-13-2	2-Bromonaphthalene	69%	40-140%
84-15-1	o-Terphenyl	64%	40-140%
321-60-8	2-Fluorobiphenyl	63%	40-140%

Method Blank Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18450-MB	ZF22274.D	1	11/14/06	ME	11/08/06	OP18450	GZF1036

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44798-7

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	74%	40-140%
580-13-2	2-Bromonaphthalene	86%	40-140%
84-15-1	o-Terphenyl	67%	40-140%
321-60-8	2-Fluorobiphenyl	67%	40-140%

Blank Spike Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18373-BS	ZF22177.D	1	11/07/06	ME	11/01/06	OP18373	GZF1032

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44798-1, F44798-2, F44798-3, F44798-4, F44798-5, F44798-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C11-C22 Aromatics (Unadj.)	850	584	69	40-140
	C9-C18 Aliphatics	300	216	72	40-140
	C19-C36 Aliphatics	400	274	69	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
3386-33-2	1-Chlorooctadecane	41%	40-140%
580-13-2	2-Bromonaphthalene	43%	40-140%
84-15-1	o-Terphenyl	57%	40-140%
321-60-8	2-Fluorobiphenyl	49%	40-140%

Blank Spike Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18450-BS	ZF22273.D	1	11/14/06	ME	11/08/06	OP18450	GZF1036

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44798-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C11-C22 Aromatics (Unadj.)	850	593	70	40-140
	C9-C18 Aliphatics	300	312	104	40-140
	C19-C36 Aliphatics	400	364	91	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
3386-33-2	1-Chlorooctadecane	62%	40-140%
580-13-2	2-Bromonaphthalene	69%	40-140%
84-15-1	o-Terphenyl	56%	40-140%
321-60-8	2-Fluorobiphenyl	55%	40-140%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18373-MS	ZF22201.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033
OP18373-MSD	ZF22202.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033
F44798-3 [a]	ZF22200.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44798-1, F44798-2, F44798-3, F44798-4, F44798-5, F44798-6

CAS No.	Compound	F44798-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C11-C22 Aromatics (Unadj.)	408		1670	1340	56	1880	88	34	40-140/50
	C9-C18 Aliphatics	ND		588	937	159*	615	105	41	40-140/50
	C19-C36 Aliphatics	ND		784	807	103	670	85	19	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	F44798-3	Limits
3386-33-2	1-Chlorooctadecane	78%	54%	32%*	40-140%
580-13-2	2-Bromonaphthalene	40%	76%	83%	40-140%
84-15-1	o-Terphenyl	68%	87%	82%	40-140%
321-60-8	2-Fluorobiphenyl	61%	80%	96%	40-140%

(a) Confirmed by re-extraction and reanalysis.

Duplicate Summary

Job Number: F44798
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18373-DUP	ZF22195.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033
F44798-4	ZF22194.D	1	11/08/06	ME	11/01/06	OP18373	GZF1033

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44798-1, F44798-2, F44798-3, F44798-4, F44798-5, F44798-6

CAS No.	Compound	F44798-4 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C11-C22 Aromatics (Unadj.)	153	J	166	J	8	
	C9-C18 Aliphatics	ND		ND		nc	
	C19-C36 Aliphatics	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F44798-4	Limits
3386-33-2	1-Chlorooctadecane	26%*	27%* [a]	40-140%
580-13-2	2-Bromonaphthalene	69%	65%	40-140%
84-15-1	o-Terphenyl	65%	64%	40-140%
321-60-8	2-Fluorobiphenyl	74%	69%	40-140%

(a) Outside control limits due to matrix interference. Confirmed by batch QC.

Southeast ACCUTEST. Laboratories

IT'S ALL IN THE CHEMISTRY

11/20/06

Technical Report for

Shaw E & I, Inc.

Camp Lejeune-MCAS-Rapid Refueler

119909

Accutest Job Number: F44826

Sampling Date: 10/27/06

Report to:

Shaw E & I, Inc.

natasha.sullivan@shawgrp.com

ATTN: Natasha Sullivan

Total number of pages in report: 71

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Sample Summary

Shaw E & I, Inc.

Job No: F44826

Camp Lejeune-MCAS-Rapid Refueler
Project No: 119909

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
F44826-1	10/27/06	09:15	KJ	10/30/06	AQ	Ground Water	USTAS511-MW22
F44826-2	10/27/06	09:40	KJ	10/30/06	AQ	Ground Water	USTAS511-MW06
F44826-3	10/27/06	09:50	KJ	10/30/06	AQ	Ground Water	USTAS511-MW02
F44826-4	10/27/06	10:30	KJ	10/30/06	AQ	Ground Water	USTAS511-MW01
F44826-5	10/27/06	11:00	KJ	10/30/06	AQ	Ground Water	USTAS511-MW05

Sample Results

Report of Analysis

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW22		
Lab Sample ID:	F44826-1	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05842.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	9.8	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.9	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.9	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.9	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	9.8	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.8	4.9	ug/l	
95-48-7	2-Methylphenol	ND	4.9	2.0	ug/l	
	3&4-Methylphenol	ND	4.9	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	9.8	ug/l	
87-86-5	Pentachlorophenol	ND	25	9.8	ug/l	
108-95-2	Phenol	ND	4.9	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.9	2.0	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.98	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.98	ug/l	
120-12-7	Anthracene	ND	4.9	0.98	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.98	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.98	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.98	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.98	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.9	0.98	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.9	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.98	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.98	ug/l	
106-47-8	4-Chloroaniline	ND	9.8	3.9	ug/l	
86-74-8	Carbazole	ND	4.9	0.98	ug/l	
218-01-9	Chrysene	ND	4.9	0.98	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.98	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW22		
Lab Sample ID:	F44826-1	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.9	0.98	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.9	0.98	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.98	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.98	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.98	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.8	4.9	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	2.0	ug/l	
132-64-9	Dibenzofuran	ND	4.9	0.98	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.9	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.9	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	4.9	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.9	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	2.5	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.98	ug/l	
86-73-7	Fluorene	ND	4.9	0.98	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.98	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.9	2.0	ug/l	
67-72-1	Hexachloroethane	ND	4.9	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	2.0	ug/l	
78-59-1	Isophorone	ND	4.9	0.98	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.9	0.98	ug/l	
88-74-4	2-Nitroaniline	ND	9.8	3.9	ug/l	
99-09-2	3-Nitroaniline	ND	9.8	3.9	ug/l	
100-01-6	4-Nitroaniline	ND	9.8	3.9	ug/l	
91-20-3	Naphthalene	ND	4.9	0.98	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.98	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.9	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	2.0	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.98	ug/l	
129-00-0	Pyrene	ND	4.9	0.98	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	31%		19-90%
4165-62-2	Phenol-d5	22%		10-68%
118-79-6	2,4,6-Tribromophenol	78%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW22		
Lab Sample ID:	F44826-1	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		49-119%
321-60-8	2-Fluorobiphenyl	66%		45-118%
1718-51-0	Terphenyl-d14	65%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
95	Benzene, 1,2,4-trimethyl-	4.35	10	ug/l	JN
105	Benzene, 1,4-diethyl-	4.71	7.3	ug/l	JN
1074	Benzene, 1-methyl-2-propyl-	4.77	11	ug/l	JN
934	Benzene, 4-ethyl-1,2-dimethyl-	5.00	8	ug/l	JN
95	Benzene, 1,2,4,5-tetramethyl-	5.09	9.6	ug/l	JN
488	Benzene, 1,2,3,4-tetramethyl-	5.29	19	ug/l	JN
119	Naphthalene, 1,2,3,4-tetrahydro-	5.37	13	ug/l	JN
118	Benzoic acid, 2-methyl-	5.81	11	ug/l	JN
1680	Naphthalene, 1,2,3,4-tetrahydro-6-	6.03	6.9	ug/l	JN
83	1H-Inden-1-one, 2,3-dihydro-	6.13	7.4	ug/l	JN
2809	Naphthalene, 1,2,3,4-tetrahydro-5-	6.21	7.6	ug/l	JN
632	Benzoic acid, 2,6-dimethyl-	6.28	13	ug/l	JN
610	Benzoic acid, 2,5-dimethyl-	6.51	16	ug/l	JN
1000202	3-p-Tolylprop-2-enal	6.89	21	ug/l	JN
480	Benzoic acid, 2,4,6-trimethyl-	7.07	19	ug/l	JN
1000191	1-Methylindan-2-one	7.15	12	ug/l	JN
	unknown	7.24	20	ug/l	J
528-90-5	Benzoic acid, 2,4,5-trimethyl-	7.27	14	ug/l	JN
2049	Benzene, (1,1-dimethylpropyl)-	7.49	20	ug/l	JN
1941	3-Allyl-6-methoxyphenyl acetate	7.53	13	ug/l	JN
	Total TIC, Semi-Volatile		258.8	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW22		
Lab Sample ID:	F44826-1	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ020043.D	1	11/08/06	AF	n/a	n/a	GQQ771
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.54	1.0	0.50	ug/l	J
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	14.6	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	7.0	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	31.5	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	5.6	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	0.69	1.0	0.50	ug/l	J
1330-20-7	Xylenes (total)	10.4	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		71-130%
98-08-8	aaa-Trifluorotoluene	102%		71-124%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW22		
Lab Sample ID:	F44826-1	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024719.D	1	11/03/06	MM	n/a	n/a	GUV1419
Run #2	UV024698.D	5	11/02/06	MM	n/a	n/a	GUV1418

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	632	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	431 [a]	100	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	95%	78%	70-130%
460-00-4	BFB	100%	74%	70-130%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW22		
Lab Sample ID:	F44826-1	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22216.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	308	200	150	ug/l	
	C9-C18 Aliphatics	565	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	82%		40-140%
580-13-2	2-Bromonaphthalene	69%		40-140%
84-15-1	o-Terphenyl	61%		40-140%
321-60-8	2-Fluorobiphenyl	64%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW06		
Lab Sample ID:	F44826-2	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05843.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	9.8	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.9	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.9	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.9	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	9.8	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.8	4.9	ug/l	
95-48-7	2-Methylphenol	ND	4.9	2.0	ug/l	
	3&4-Methylphenol	ND	4.9	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	9.8	ug/l	
87-86-5	Pentachlorophenol	ND	25	9.8	ug/l	
108-95-2	Phenol	ND	4.9	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.9	2.0	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.98	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.98	ug/l	
120-12-7	Anthracene	ND	4.9	0.98	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.98	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.98	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.98	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.98	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.9	0.98	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.9	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.98	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.98	ug/l	
106-47-8	4-Chloroaniline	ND	9.8	3.9	ug/l	
86-74-8	Carbazole	ND	4.9	0.98	ug/l	
218-01-9	Chrysene	ND	4.9	0.98	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.98	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW06		
Lab Sample ID:	F44826-2	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.9	0.98	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.9	0.98	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.98	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.98	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.98	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.8	4.9	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	2.0	ug/l	
132-64-9	Dibenzofuran	ND	4.9	0.98	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.9	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.9	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	4.9	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.9	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	2.5	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.98	ug/l	
86-73-7	Fluorene	ND	4.9	0.98	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.98	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.9	2.0	ug/l	
67-72-1	Hexachloroethane	ND	4.9	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	2.0	ug/l	
78-59-1	Isophorone	1.2	4.9	0.98	ug/l	J
91-57-6	2-Methylnaphthalene	ND	4.9	0.98	ug/l	
88-74-4	2-Nitroaniline	ND	9.8	3.9	ug/l	
99-09-2	3-Nitroaniline	ND	9.8	3.9	ug/l	
100-01-6	4-Nitroaniline	ND	9.8	3.9	ug/l	
91-20-3	Naphthalene	ND	4.9	0.98	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.98	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.9	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	2.0	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.98	ug/l	
129-00-0	Pyrene	ND	4.9	0.98	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%		19-90%
4165-62-2	Phenol-d5	25%		10-68%
118-79-6	2,4,6-Tribromophenol	81%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW06		
Lab Sample ID:	F44826-2	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		49-119%
321-60-8	2-Fluorobiphenyl	72%		45-118%
1718-51-0	Terphenyl-d14	63%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
10544	Cyclic octaatomic sulfur	12.22	9.3	ug/l	JN
	Total TIC, Semi-Volatile		9.3	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTAS511-MW06		
Lab Sample ID:	F44826-2	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ020016.D	1	11/07/06	AF	n/a	n/a	GQQ770
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		71-130%
98-08-8	aaa-Trifluorotoluene	95%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW06		
Lab Sample ID:	F44826-2	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024699.D	1	11/02/06	MM	n/a	n/a	GUV1418
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	73%		70-130%
460-00-4	BFB	72%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW06		
Lab Sample ID:	F44826-2	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22217.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	160	200	150	ug/l	J
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	52%		40-140%
580-13-2	2-Bromonaphthalene	64%		40-140%
84-15-1	o-Terphenyl	41%		40-140%
321-60-8	2-Fluorobiphenyl	52%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW02		
Lab Sample ID:	F44826-3	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05844.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW02		
Lab Sample ID:	F44826-3	Date Sampled:	10/27/06
Matrix:	AQ - Ground Water	Date Received:	10/30/06
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	35%		19-90%
4165-62-2	Phenol-d5	24%		10-68%
118-79-6	2,4,6-Tribromophenol	76%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW02		
Lab Sample ID:	F44826-3	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	61%		49-119%
321-60-8	2-Fluorobiphenyl	59%		45-118%
1718-51-0	Terphenyl-d14	68%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
123	Octadecanoic acid, butyl ester	14.42	19	ug/l	JN
	Total TIC, Semi-Volatile		19	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW02		
Lab Sample ID:	F44826-3	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ020017.D	1	11/07/06	AF	n/a	n/a	GQQ770
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		71-130%
98-08-8	aaa-Trifluorotoluene	95%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW02		
Lab Sample ID:	F44826-3	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024700.D	1	11/02/06	MM	n/a	n/a	GUV1418
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	74%		70-130%
460-00-4	BFB	70%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW02		
Lab Sample ID:	F44826-3	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22218.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	72%		40-140%
580-13-2	2-Bromonaphthalene	82%		40-140%
84-15-1	o-Terphenyl	72%		40-140%
321-60-8	2-Fluorobiphenyl	70%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW01		
Lab Sample ID:	F44826-4	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	R05847.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
Run #2 [b]	R05882.D	1	11/14/06	NJ	11/13/06	OP18492	SR276

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2	900 ml	1.0 ml

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.6	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.6	4.8	ug/l	
95-48-7	2-Methylphenol	ND	4.8	1.9	ug/l	
	3&4-Methylphenol	ND	4.8	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.6	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.6	ug/l	
108-95-2	Phenol	ND	4.8	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.96	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.96	ug/l	
120-12-7	Anthracene	ND	4.8	0.96	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.96	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.96	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.96	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.96	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.96	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.96	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.96	ug/l	
106-47-8	4-Chloroaniline	ND	9.6	3.8	ug/l	
86-74-8	Carbazole	ND	4.8	0.96	ug/l	
218-01-9	Chrysene	ND	4.8	0.96	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.96	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW01		
Lab Sample ID:	F44826-4	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.96	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.96	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.96	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.96	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.96	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.6	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.96	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	5.7	4.8	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.96	ug/l	
86-73-7	Fluorene	ND	4.8	0.96	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.96	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.8	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	1.9	ug/l	
78-59-1	Isophorone	ND	4.8	0.96	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.96	ug/l	
88-74-4	2-Nitroaniline	ND	9.6	3.8	ug/l	
99-09-2	3-Nitroaniline	ND	9.6	3.8	ug/l	
100-01-6	4-Nitroaniline	ND	9.6	3.8	ug/l	
91-20-3	Naphthalene	ND	4.8	0.96	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.96	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.96	ug/l	
129-00-0	Pyrene	ND	4.8	0.96	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.96	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	17%	34%	19-90%
4165-62-2	Phenol-d5	11%	22%	10-68%
118-79-6	2,4,6-Tribromophenol	50%	85%	36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW01		
Lab Sample ID:	F44826-4	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	54%	65%	49-119%
321-60-8	2-Fluorobiphenyl	54%	67%	45-118%
1718-51-0	Terphenyl-d14	43%	61%	46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
26730	Tridecane, 7-methyl-	5.98	6.1	ug/l	JN
10544	Cyclic octaatomic sulfur	12.22	7.4	ug/l	JN
	Total TIC, Semi-Volatile		13.5	ug/l	J

(a) All hits confirmed by re-extraction and reanalysis beyond holdtime.
(b) Confirmation run.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW01		
Lab Sample ID:	F44826-4	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ020020.D	1	11/07/06	AF	n/a	n/a	GQQ770
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%		71-130%
98-08-8	aaa-Trifluorotoluene	100%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW01		
Lab Sample ID:	F44826-4	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024701.D	1	11/02/06	MM	n/a	n/a	GUV1418
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	31.5	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	76%		70-130%
460-00-4	BFB	76%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW01		
Lab Sample ID:	F44826-4	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22219.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	172	200	150	ug/l	J
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	47%		40-140%
580-13-2	2-Bromonaphthalene	58%		40-140%
84-15-1	o-Terphenyl	48%		40-140%
321-60-8	2-Fluorobiphenyl	57%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW05		
Lab Sample ID:	F44826-5	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05848.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	9.8	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.9	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.9	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.9	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	9.8	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.8	4.9	ug/l	
95-48-7	2-Methylphenol	ND	4.9	2.0	ug/l	
	3&4-Methylphenol	ND	4.9	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	9.8	ug/l	
87-86-5	Pentachlorophenol	ND	25	9.8	ug/l	
108-95-2	Phenol	ND	4.9	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.9	2.0	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.98	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.98	ug/l	
120-12-7	Anthracene	ND	4.9	0.98	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.98	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.98	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.98	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.98	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.9	0.98	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.9	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.98	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.98	ug/l	
106-47-8	4-Chloroaniline	ND	9.8	3.9	ug/l	
86-74-8	Carbazole	ND	4.9	0.98	ug/l	
218-01-9	Chrysene	ND	4.9	0.98	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.98	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW05		
Lab Sample ID:	F44826-5	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.9	0.98	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.9	0.98	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.98	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.98	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.98	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.8	4.9	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	2.0	ug/l	
132-64-9	Dibenzofuran	ND	4.9	0.98	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.9	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.9	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	4.9	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.9	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	2.5	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.98	ug/l	
86-73-7	Fluorene	ND	4.9	0.98	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.98	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.9	2.0	ug/l	
67-72-1	Hexachloroethane	ND	4.9	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	2.0	ug/l	
78-59-1	Isophorone	2.5	4.9	0.98	ug/l	J
91-57-6	2-Methylnaphthalene	ND	4.9	0.98	ug/l	
88-74-4	2-Nitroaniline	ND	9.8	3.9	ug/l	
99-09-2	3-Nitroaniline	ND	9.8	3.9	ug/l	
100-01-6	4-Nitroaniline	ND	9.8	3.9	ug/l	
91-20-3	Naphthalene	ND	4.9	0.98	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.98	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.9	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	2.0	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.98	ug/l	
129-00-0	Pyrene	ND	4.9	0.98	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	40%		19-90%
4165-62-2	Phenol-d5	24%		10-68%
118-79-6	2,4,6-Tribromophenol	87%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTAS511-MW05		
Lab Sample ID:	F44826-5	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		49-119%
321-60-8	2-Fluorobiphenyl	71%		45-118%
1718-51-0	Terphenyl-d14	76%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
104	1-Hexanol, 2-ethyl-	4.54	24	ug/l	JN
	Total TIC, Semi-Volatile		24	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW05		
Lab Sample ID:	F44826-5	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ020023.D	1	11/07/06	AF	n/a	n/a	GQQ770
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%		71-130%
98-08-8	aaa-Trifluorotoluene	98%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW05		
Lab Sample ID:	F44826-5	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024720.D	1	11/03/06	MM	n/a	n/a	GUV1419
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	76%		70-130%
460-00-4	BFB	73%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56642 14:04 20-Nov-2006

Report of Analysis

Client Sample ID:	USTAS511-MW05		
Lab Sample ID:	F44826-5	**Date Sampled:**	10/27/06
Matrix:	AQ - Ground Water	**Date Received:**	10/30/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-MCAS-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22261.D	1	11/10/06	ME	11/02/06	OP18384	GZF1034
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	577	190	140	ug/l	
	C9-C18 Aliphatics	204	190	190	ug/l	
	C19-C36 Aliphatics	ND	190	190	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	47%		40-140%
580-13-2	2-Bromonaphthalene	53%		40-140%
84-15-1	o-Terphenyl	51%		40-140%
321-60-8	2-Fluorobiphenyl	52%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

COC Number:
119909-RR-102706-1

F44826

Shaw™
Shaw Environmental & Infrastructure, Inc.

CHAIN-OF-CUSTODY RECORD

Shaw E & I - Piney Green Rd. Lot 203 Bld 626 - 910-451-2390

Receiving LAB: Accutest

Project Name	Project Location		
CAMP LEJEUNE - RR	CAMP LEJEUNE, NC		
Project Number	**Contact**	**P.O. Number**	**Reviewed by**
119909	Mark Martin	200935	
Client Rep	**Project Manager**		
US NAVY - LANTDIV	Ron Kenyon		

Analysis Desired

Item No.	Sample Number	Date	Time	Comp	Grab	Sample Description	Number of Containers	602 w/ Xylenes & MT	625 plus TICS	MADEP EPH	MADEP VPH
1	USTAS511-MW22	10/27/06	9:15		X	USTAS511-MW22	10	X	X	X	X
2	USTAS511-MW06	10/27/06	9:40		X	USTAS511-MW06	10	X	X	X	X
3	USTAS511-MW02	10/27/06	9:50		X	USTAS511-MW02	10	X	X	X	X
4	USTAS511-MW01	10/27/06	10:30		X	USTAS511-MW01	10	X	X	X	X
5	USTAS511-MW05	10/27/06	11:00		X	USTAS511-MW05	10	X	X	X	X
6											
7											
8											
9											
10											

Transfer Number	Item Number	Transfers Relinquished By	Transfers Accepted By	Date	Time
1	1 -- 5		FedEx 8581 0349 9966	10/27/06	15:00
2				10/28/06	9:00
3					

Remarks

14 Day TAT
NEESA LEVEL C

22,2.8

3.1.3

F44826: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F44826 CLIENT: Shaw PROJECT: Camp Lejeune

DATE/TIME RECEIVED: 10/25/08 9:00 # OF COOLERS RECEIVED: 2 COOLER TEMPS: 2.2 2.8

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [X] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [X] TRIP BLANK NOT ON COC
- [X] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [X] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DOES NOT MATCH LABEL(S)
- [ ] ID'S ON COC DOES NOT MATCH LABEL(S)
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

MISC. INFORMATION

NUMBER OF ENCORES ? 0

NUMBER OF 5035 FIELD KITS ? 2

NUMBER OR LAB FILTERED METALS ? 0

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE 10/25/08 TECHNICIAN SIGNATURE/DATE ASBD 10/03/06

3.1

3

F44826: Chain of Custody
Page 2 of 2

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MB	R05841.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44826-1, F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MB	R05841.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44826-1, F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	41%	19-90%
4165-62-2	Phenol-d5	27%	10-68%

Method Blank Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MB	R05841.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44826-1, F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	67%	36-137%
4165-60-0	Nitrobenzene-d5	63%	49-119%
321-60-8	2-Fluorobiphenyl	62%	45-118%
1718-51-0	Terphenyl-d14	65%	46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

Method Blank Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MB	R05874.D	1	11/10/06	NJ	11/03/06	OP18397	SR275

The QC reported here applies to the following samples: Method: EPA 625

F44826-1, F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MB	R05874.D	1	11/10/06	NJ	11/03/06	OP18397	SR275

The QC reported here applies to the following samples: Method: EPA 625

F44826-1, F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	41%	19-90%
4165-62-2	Phenol-d5	27%	10-68%

Method Blank Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MB	R05874.D	1	11/10/06	NJ	11/03/06	OP18397	SR275

The QC reported here applies to the following samples: Method: EPA 625

F44826-1, F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	69%	36-137%
4165-60-0	Nitrobenzene-d5	63%	49-119%
321-60-8	2-Fluorobiphenyl	61%	45-118%
1718-51-0	Terphenyl-d14	64%	46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

Blank Spike Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-BS	R05840.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44826-1, F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	20.4	20	10-50
95-57-8	2-Chlorophenol	50	33.0	66	57-100
59-50-7	4-Chloro-3-methyl phenol	50	37.5	75	63-105
120-83-2	2,4-Dichlorophenol	50	35.9	72	65-106
105-67-9	2,4-Dimethylphenol	50	26.8	54	49-90
51-28-5	2,4-Dinitrophenol	100	74.4	74	26-125
534-52-1	4,6-Dinitro-o-cresol	100	83.1	83	56-121
95-48-7	2-Methylphenol	50	28.4	57	48-90
	3&4-Methylphenol	100	56.1	56	43-94
88-75-5	2-Nitrophenol	50	36.1	72	62-107
100-02-7	4-Nitrophenol	100	33.3	33	19-66
87-86-5	Pentachlorophenol	100	72.0	72	62-120
108-95-2	Phenol	50	16.7	33	20-65
95-95-4	2,4,5-Trichlorophenol	50	37.0	74	67-103
88-06-2	2,4,6-Trichlorophenol	50	37.5	75	68-104
83-32-9	Acenaphthene	50	38.0	76	67-101
208-96-8	Acenaphthylene	50	37.1	74	65-100
120-12-7	Anthracene	50	40.6	81	71-103
56-55-3	Benzo(a)anthracene	50	35.2	70* [a]	71-105
50-32-8	Benzo(a)pyrene	50	40.0	80	67-106
205-99-2	Benzo(b)fluoranthene	50	40.2	80	68-108
191-24-2	Benzo(g,h,i)perylene	50	39.2	78	65-110
207-08-9	Benzo(k)fluoranthene	50	41.0	82	69-110
101-55-3	4-Bromophenyl phenyl ether	50	38.4	77	71-106
85-68-7	Butyl benzyl phthalate	50	34.7	69	66-110
100-51-6	Benzyl Alcohol	50	33.4	67	36-101
91-58-7	2-Chloronaphthalene	50	35.3	71	62-99
106-47-8	4-Chloroaniline	50	34.1	68	58-101
86-74-8	Carbazole	50	40.9	82	73-106
218-01-9	Chrysene	50	35.8	72	71-105
111-91-1	bis(2-Chloroethoxy)methane	50	32.3	65	56-101
111-44-4	bis(2-Chloroethyl)ether	50	33.8	68	60-108
108-60-1	bis(2-Chloroisopropyl)ether	50	31.8	64	49-108
7005-72-3	4-Chlorophenyl phenyl ether	50	37.9	76	69-106
95-50-1	1,2-Dichlorobenzene	50	33.4	67	48-98
541-73-1	1,3-Dichlorobenzene	50	32.3	65	44-95

Blank Spike Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-BS	R05840.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44826-1, F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-46-7	1,4-Dichlorobenzene	50	32.5	65	46-96
121-14-2	2,4-Dinitrotoluene	50	39.4	79	64-107
606-20-2	2,6-Dinitrotoluene	50	37.7	75	64-102
91-94-1	3,3'-Dichlorobenzidine	50	33.2	66	54-109
53-70-3	Dibenzo(a,h)anthracene	50	40.0	80	61-112
132-64-9	Dibenzofuran	50	37.7	75	70-102
84-74-2	Di-n-butyl phthalate	50	38.7	77	69-109
117-84-0	Di-n-octyl phthalate	50	40.0	80	63-125
84-66-2	Diethyl phthalate	50	39.6	79	66-111
131-11-3	Dimethyl phthalate	50	37.9	76	66-109
117-81-7	bis(2-Ethylhexyl)phthalate	50	34.5	69	66-114
206-44-0	Fluoranthene	50	41.8	84	71-108
86-73-7	Fluorene	50	39.3	79	68-102
118-74-1	Hexachlorobenzene	50	38.4	77	69-103
87-68-3	Hexachlorobutadiene	50	32.1	64	48-100
77-47-4	Hexachlorocyclopentadiene	50	24.4	49	20-85
67-72-1	Hexachloroethane	50	31.0	62	41-98
193-39-5	Indeno(1,2,3-cd)pyrene	50	39.7	79	66-112
78-59-1	Isophorone	50	37.3	75	62-105
91-57-6	2-Methylnaphthalene	50	37.7	75	62-105
88-74-4	2-Nitroaniline	50	39.3	79	66-105
99-09-2	3-Nitroaniline	50	36.3	73	56-104
100-01-6	4-Nitroaniline	50	40.1	80	62-110
91-20-3	Naphthalene	50	35.1	70	56-99
98-95-3	Nitrobenzene	50	35.6	71	60-102
621-64-7	N-Nitroso-di-n-propylamine	50	35.5	71	56-101
86-30-6	N-Nitrosodiphenylamine	50	37.5	75	69-106
85-01-8	Phenanthrene	50	40.1	80	71-104
129-00-0	Pyrene	50	35.4	71	67-108
120-82-1	1,2,4-Trichlorobenzene	50	33.8	68	52-99

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	45%	19-90%
4165-62-2	Phenol-d5	30%	10-68%

Blank Spike Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-BS	R05840.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44826-1, F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Surrogate Recoveries	BSP	Limits
118-79-6	2,4,6-Tribromophenol	82%	36-137%
4165-60-0	Nitrobenzene-d5	71%	49-119%
321-60-8	2-Fluorobiphenyl	69%	45-118%
1718-51-0	Terphenyl-d14	70%	46-135%

(a) Sporadic marginal failure, within limits in MS/MSD.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MS	R05845.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
OP18397-MSD	R05846.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
F44826-3	R05844.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44826-1, F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Compound	F44826-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND		227	111	49	113	50	2	10-80/45
95-57-8	2-Chlorophenol	ND		114	88.9	78	87.0	77	2	43-109/27
59-50-7	4-Chloro-3-methyl phenol	ND		114	99.1	87	96.5	85	3	57-109/20
120-83-2	2,4-Dichlorophenol	ND		114	97.5	86	97.4	86	0	49-114/23
105-67-9	2,4-Dimethylphenol	ND		114	75.1	66	71.2	63	5	32-103/24
51-28-5	2,4-Dinitrophenol	ND		227	188	83	180	79	4	20-131/28
534-52-1	4,6-Dinitro-o-cresol	ND		227	210	92	201	88	4	46-130/23
95-48-7	2-Methylphenol	ND		114	82.6	73	81.4	72	1	40-102/25
	3&4-Methylphenol	ND		227	175	77	170	75	3	39-97/24
88-75-5	2-Nitrophenol	ND		114	94.8	83	91.1	80	4	46-115/26
100-02-7	4-Nitrophenol	ND		227	139	61	137	60	1	28-81/30
87-86-5	Pentachlorophenol	ND		227	192	84	185	81	4	53-128/22
108-95-2	Phenol	ND		114	64.5	57	66.1	58	2	19-81/33
95-95-4	2,4,5-Trichlorophenol	ND		114	97.2	86	92.6	81	5	56-110/19
88-06-2	2,4,6-Trichlorophenol	ND		114	98.6	87	93.2	82	6	55-112/19
83-32-9	Acenaphthene	ND		114	99.3	87	96.0	84	3	58-109/18
208-96-8	Acenaphthylene	ND		114	96.1	85	93.9	83	2	59-103/18
120-12-7	Anthracene	ND		114	102	90	96.6	85	5	65-108/16
56-55-3	Benzo(a)anthracene	ND		114	88.5	78	83.8	74	5	68-106/17
50-32-8	Benzo(a)pyrene	ND		114	99.2	87	95.2	84	4	61-108/18
205-99-2	Benzo(b)fluoranthene	ND		114	101	89	94.8	83	6	65-109/18
191-24-2	Benzo(g,h,i)perylene	ND		114	98.8	87	94.6	83	4	60-114/19
207-08-9	Benzo(k)fluoranthene	ND		114	102	90	97.6	86	4	66-111/17
101-55-3	4-Bromophenyl phenyl ether	ND		114	98.8	87	95.2	84	4	68-108/17
85-68-7	Butyl benzyl phthalate	ND		114	87.1	77	81.8	72	6	64-111/18
100-51-6	Benzyl Alcohol	ND		114	95.1	84	93.6	82	2	44-105/26
91-58-7	2-Chloronaphthalene	ND		114	94.5	83	90.1	79	5	57-102/20
106-47-8	4-Chloroaniline	ND		114	86.6	76	82.3	72	5	37-106/27
86-74-8	Carbazole	ND		114	101	89	97.5	86	4	68-111/16
218-01-9	Chrysene	ND		114	89.7	79	84.4	74	6	69-106/17
111-91-1	bis(2-Chloroethoxy)methane	ND		114	85.7	75	83.0	73	3	46-106/24
111-44-4	bis(2-Chloroethyl)ether	ND		114	89.7	79	87.5	77	2	48-114/28
108-60-1	bis(2-Chloroisopropyl)ether	ND		114	82.0	72	80.6	71	2	43-110/26
7005-72-3	4-Chlorophenyl phenyl ether	ND		114	97.1	85	94.4	83	3	66-107/17
95-50-1	1,2-Dichlorobenzene	ND		114	89.4	79	89.1	78	0	45-103/24
541-73-1	1,3-Dichlorobenzene	ND		114	85.8	76	85.7	75	0	42-100/24

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MS	R05845.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
OP18397-MSD	R05846.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
F44826-3	R05844.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44826-1, F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Compound	F44826-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
106-46-7	1,4-Dichlorobenzene	ND		114	86.3	76	84.8	75	2	43-102/24
121-14-2	2,4-Dinitrotoluene	ND		114	98.9	87	95.7	84	3	60-108/18
606-20-2	2,6-Dinitrotoluene	ND		114	93.8	83	91.3	80	3	59-105/18
91-94-1	3,3'-Dichlorobenzidine	ND		114	76.5	67	71.1	63	7	21-120/24
53-70-3	Dibenzo(a,h)anthracene	ND		114	102	90	95.5	84	7	59-112/18
132-64-9	Dibenzofuran	ND		114	95.3	84	93.4	82	2	65-105/17
84-74-2	Di-n-butyl phthalate	ND		114	97.4	86	92.1	81	6	68-109/18
117-84-0	Di-n-octyl phthalate	ND		114	100	88	96.5	85	4	59-127/23
84-66-2	Diethyl phthalate	ND		114	97.9	86	95.5	84	2	64-111/18
131-11-3	Dimethyl phthalate	ND		114	97.0	85	93.1	82	4	63-109/17
117-81-7	bis(2-Ethylhexyl)phthalate	ND		114	88.0	77	84.0	74	5	58-119/21
206-44-0	Fluoranthene	ND		114	105	92	98.7	87	6	68-110/18
86-73-7	Fluorene	ND		114	99.6	88	96.7	85	3	62-106/17
118-74-1	Hexachlorobenzene	ND		114	97.5	86	93.7	82	4	66-106/16
87-68-3	Hexachlorobutadiene	ND		114	89.1	78	86.8	76	3	46-107/26
77-47-4	Hexachlorocyclopentadiene	ND		114	70.6	62	69.2	61	2	16-84/31
67-72-1	Hexachloroethane	ND		114	84.6	74	84.8	75	0	39-105/25
193-39-5	Indeno(1,2,3-cd)pyrene	ND		114	101	89	95.2	84	6	61-115/19
78-59-1	Isophorone	ND		114	99.4	87	95.9	84	4	54-107/22
91-57-6	2-Methylnaphthalene	ND		114	99.2	87	98.2	86	1	53-112/22
88-74-4	2-Nitroaniline	ND		114	99.2	87	96.4	85	3	60-108/18
99-09-2	3-Nitroaniline	ND		114	83.3	73	77.5	68	7	43-103/23
100-01-6	4-Nitroaniline	ND		114	97.6	86	96.7	85	1	55-110/19
91-20-3	Naphthalene	ND		114	94.9	84	91.6	81	4	49-104/24
98-95-3	Nitrobenzene	ND		114	93.4	82	91.2	80	2	50-107/25
621-64-7	N-Nitroso-di-n-propylamine	ND		114	91.3	80	92.1	81	1	47-104/23
86-30-6	N-Nitrosodiphenylamine	ND		114	94.4	83	88.2	78	7	63-110/17
85-01-8	Phenanthrene	ND		114	102	90	96.3	85	6	67-108/17
129-00-0	Pyrene	ND		114	87.7	77	83.6	74	5	65-108/18
120-82-1	1,2,4-Trichlorobenzene	ND		114	90.8	80	89.4	79	2	49-104/25

CAS No.	Surrogate Recoveries	MS	MSD	F44826-3	Limits
367-12-4	2-Fluorophenol	68%	68%	35%	19-90%
4165-62-2	Phenol-d5	55%	56%	24%	10-68%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MS	R05845.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
OP18397-MSD	R05846.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
F44826-3	R05844.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44826-1, F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Surrogate Recoveries	MS	MSD	F44826-3	Limits
118-79-6	2,4,6-Tribromophenol	91%	84%	76%	36-137%
4165-60-0	Nitrobenzene-d5	80%	77%	61%	49-119%
321-60-8	2-Fluorobiphenyl	78%	76%	59%	45-118%
1718-51-0	Terphenyl-d14	75%	71%	68%	46-135%

GC Volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ770-MB	QQ020010.D	1	11/07/06	AF	n/a	n/a	GQQ770

The QC reported here applies to the following samples: Method: EPA 601/602

F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	98%	71-130%
98-08-8	aaa-Trifluorotoluene	96%	71-124%

Method Blank Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ771-MB	QQ020042.D	1	11/08/06	AF	n/a	n/a	GQQ771

The QC reported here applies to the following samples: Method: EPA 601/602

F44826-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	95%	71-130%
98-08-8	aaa-Trifluorotoluene	94%	71-124%

Method Blank Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1418-MB	UV024684.D	1	11/02/06	MM	n/a	n/a	GUV1418

The QC reported here applies to the following samples: Method: MADEP VPH

F44826-1, F44826-2, F44826-3, F44826-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	BFB	74%	70-130%
460-00-4	BFB	71%	70-130%

Method Blank Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1419-MB	UV024716.D	1	11/03/06	MM	n/a	n/a	GUV1419

The QC reported here applies to the following samples: Method: MADEP VPH

F44826-1, F44826-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	BFB	79%	70-130%
460-00-4	BFB	76%	70-130%

Blank Spike Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ770-BS	QQ020009.D	1	11/07/06	AF	n/a	n/a	GQQ770

The QC reported here applies to the following samples: Method: EPA 601/602

F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	19.2	96	81-121
108-90-7	Chlorobenzene	20	19.2	96	76-120
95-50-1	1,2-Dichlorobenzene	20	19.3	97	63-127
541-73-1	1,3-Dichlorobenzene	20	19.3	97	70-124
106-46-7	1,4-Dichlorobenzene	20	19.3	97	68-121
100-41-4	Ethylbenzene	20	19.1	96	79-124
1634-04-4	Methyl Tert Butyl Ether	20	18.9	95	73-118
108-88-3	Toluene	20	19.1	96	79-122
1330-20-7	Xylenes (total)	60	57.0	95	79-121

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	102%	71-130%
98-08-8	aaa-Trifluorotoluene	96%	71-124%

Blank Spike Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ771-BS	QQ020041.D	1	11/08/06	AF	n/a	n/a	GQQ771

The QC reported here applies to the following samples: Method: EPA 601/602

F44826-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	19.4	97	81-121
108-90-7	Chlorobenzene	20	19.3	97	76-120
95-50-1	1,2-Dichlorobenzene	20	18.9	95	63-127
541-73-1	1,3-Dichlorobenzene	20	19.4	97	70-124
106-46-7	1,4-Dichlorobenzene	20	19.5	98	68-121
100-41-4	Ethylbenzene	20	19.3	97	79-124
1634-04-4	Methyl Tert Butyl Ether	20	18.6	93	73-118
108-88-3	Toluene	20	19.3	97	79-122
1330-20-7	Xylenes (total)	60	57.5	96	79-121

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	101%	71-130%
98-08-8	aaa-Trifluorotoluene	96%	71-124%

Blank Spike Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1418-BS	UV024683.D	1	11/02/06	MM	n/a	n/a	GUV1418

The QC reported here applies to the following samples: Method: MADEP VPH

F44826-1, F44826-2, F44826-3, F44826-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C5- C8 Aliphatics (Unadj.)	480	552	115	70-130
	C9- C12 Aliphatics (Unadj.)	480	490	102	70-130
	C9- C10 Aromatics (Unadj.)	80	79.5	99	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	BFB	100%	70-130%
460-00-4	BFB	94%	70-130%

Blank Spike Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1419-BS	UV024715.D	1	11/03/06	MM	n/a	n/a	GUV1419

The QC reported here applies to the following samples: Method: MADEP VPH

F44826-1, F44826-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C5- C8 Aliphatics (Unadj.)	480	584	122	70-130
	C9- C12 Aliphatics (Unadj.)	480	505	105	70-130
	C9- C10 Aromatics (Unadj.)	80	82.2	103	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	BFB	108%	70-130%
460-00-4	BFB	103%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44826-3MS	QQ020021.D	1	11/07/06	AF	n/a	n/a	GQQ770
F44826-3MSD	QQ020022.D	1	11/07/06	AF	n/a	n/a	GQQ770
F44826-3	QQ020017.D	1	11/07/06	AF	n/a	n/a	GQQ770

The QC reported here applies to the following samples: Method: EPA 601/602

F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Compound	F44826-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	18.9	95	18.9	95	0	74-126/11
108-90-7	Chlorobenzene	ND		20	18.8	94	19.0	95	1	72-124/8
95-50-1	1,2-Dichlorobenzene	ND		20	18.7	94	18.9	95	1	55-136/13
541-73-1	1,3-Dichlorobenzene	ND		20	18.9	95	19.2	96	2	65-132/16
106-46-7	1,4-Dichlorobenzene	ND		20	19.0	95	19.1	96	1	61-133/11
100-41-4	Ethylbenzene	ND		20	18.7	94	18.9	95	1	71-131/8
1634-04-4	Methyl Tert Butyl Ether	ND		20	19.1	96	18.5	93	3	63-130/11
108-88-3	Toluene	ND		20	18.8	94	18.9	95	1	69-132/7
1330-20-7	Xylenes (total)	ND		60	55.9	93	56.4	94	1	71-127/8

CAS No.	Surrogate Recoveries	MS	MSD	F44826-3	Limits
460-00-4	4-Bromofluorobenzene	101%	105%	98%	71-130%
98-08-8	aaa-Trifluorotoluene	96%	99%	95%	71-124%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44942-2MS	QQ020050.D	1	11/08/06	AF	n/a	n/a	GQQ771
F44942-2MSD	QQ020051.D	1	11/08/06	AF	n/a	n/a	GQQ771
F44942-2	QQ020045.D	1	11/08/06	AF	n/a	n/a	GQQ771

The QC reported here applies to the following samples: Method: EPA 601/602

F44826-1

CAS No.	Compound	F44942-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	18.7	94	18.7	94	0	74-126/11
108-90-7	Chlorobenzene	ND		20	18.6	93	18.8	94	1	72-124/8
95-50-1	1,2-Dichlorobenzene	ND		20	19.7	99	19.9	100	1	55-136/13
541-73-1	1,3-Dichlorobenzene	ND		20	18.7	94	18.9	95	1	65-132/16
106-46-7	1,4-Dichlorobenzene	ND		20	18.6	93	18.8	94	1	61-133/11
100-41-4	Ethylbenzene	ND		20	18.4	92	18.5	93	1	71-131/8
1634-04-4	Methyl Tert Butyl Ether	ND		20	18.2	91	17.7	89	3	63-130/11
108-88-3	Toluene	ND		20	18.7	94	18.8	94	1	69-132/7
1330-20-7	Xylenes (total)	ND		60	54.7	91	55.1	92	1	71-127/8

CAS No.	Surrogate Recoveries	MS	MSD	F44942-2	Limits
460-00-4	4-Bromofluorobenzene	100%	105%	97%	71-130%
98-08-8	aaa-Trifluorotoluene	94%	98%	94%	71-124%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44722-1MS	UV024709.D	1	11/02/06	MM	n/a	n/a	GUV1418
F44722-1MSD	UV024710.D	1	11/02/06	MM	n/a	n/a	GUV1418
F44722-1	UV024685.D	1	11/02/06	MM	n/a	n/a	GUV1418

The QC reported here applies to the following samples: Method: MADEP VPH

F44826-1, F44826-2, F44826-3, F44826-4

CAS No.	Compound	F44722-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C5- C8 Aliphatics (Unadj.)	ND		480	492	103	432	90	13	70-130/50
	C9- C12 Aliphatics (Unadj.)	ND		480	436	91	408	85	7	70-130/50
	C9- C10 Aromatics (Unadj.)	ND		80	74.6	93	71.4	89	4	70-130/50

CAS No.	Surrogate Recoveries	MS	MSD	F44722-1	Limits
460-00-4	BFB	86%	85%	80%	70-130%
460-00-4	BFB	85%	82%	76%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44722-3MS	UV024729.D	1	11/03/06	MM	n/a	n/a	GUV1419
F44722-3MSD	UV024730.D	1	11/03/06	MM	n/a	n/a	GUV1419
F44722-3 [a]	UV024717.D	1	11/03/06	MM	n/a	n/a	GUV1419

The QC reported here applies to the following samples: Method: MADEP VPH

F44826-1, F44826-5

CAS No.	Compound	F44722-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C5- C8 Aliphatics (Unadj.)	ND		480	471	98	469	98	0	70-130/50
	C9- C12 Aliphatics (Unadj.)	863		480	579	-59*	590	-57*	2	70-130/50
	C9- C10 Aromatics (Unadj.)	515	E	80	186	-411* [b]	198	-396* [b]	6	70-130/50

CAS No.	Surrogate Recoveries	MS	MSD	F44722-3	Limits
460-00-4	BFB	91%	94%	103%	70-130%
460-00-4	BFB	90%	100%	147%*	70-130%

(a) Confirmation run.
(b) Outside control limits due to high level in sample relative to spike amount.

Duplicate Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44722-2DUP	UV024711.D	1	11/02/06	MM	n/a	n/a	GUV1418
F44722-2	UV024686.D	1	11/02/06	MM	n/a	n/a	GUV1418

The QC reported here applies to the following samples: Method: MADEP VPH

F44826-1, F44826-2, F44826-3, F44826-4

CAS No.	Compound	F44722-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C5- C8 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C12 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C10 Aromatics (Unadj.)	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F44722-2	Limits
460-00-4	BFB	76%	82%	70-130%
460-00-4	BFB	73%	78%	70-130%

Duplicate Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44838-7DUP	UV024728.D	1	11/03/06	MM	n/a	n/a	GUV1419
F44838-7	UV024724.D	1	11/03/06	MM	n/a	n/a	GUV1419

The QC reported here applies to the following samples: Method: MADEP VPH

F44826-1, F44826-5

CAS No.	Compound	F44838-7 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C5- C8 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C12 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C10 Aromatics (Unadj.)	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F44838-7	Limits
460-00-4	BFB	73%	75%	70-130%
460-00-4	BFB	69%*	74%	70-130%

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18384-MB	ZF22215.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44826-1, F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	65%	40-140%
580-13-2	2-Bromonaphthalene	23%*	40-140%
84-15-1	o-Terphenyl	31%*	40-140%
321-60-8	2-Fluorobiphenyl	19%*	40-140%

Method Blank Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18384-MB	ZF22257.D	1	11/10/06	ME	11/02/06	OP18384	GZF1034

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44826-1, F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	101%	40-140%
580-13-2	2-Bromonaphthalene	21%*	40-140%
84-15-1	o-Terphenyl	100%	40-140%
321-60-8	2-Fluorobiphenyl	52%	40-140%

Blank Spike Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18384-BS	ZF22214.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44826-1, F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C11-C22 Aromatics (Unadj.)	850	583	69	40-140
	C9-C18 Aliphatics	300	309	103	40-140
	C19-C36 Aliphatics	400	429	107	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
3386-33-2	1-Chlorooctadecane	76%	40-140%
580-13-2	2-Bromonaphthalene	48%	40-140%
84-15-1	o-Terphenyl	66%	40-140%
321-60-8	2-Fluorobiphenyl	56%	40-140%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18384-MS	ZF22258.D	1	11/10/06	ME	11/02/06	OP18384	GZF1034
OP18384-MSD	ZF22259.D	1	11/10/06	ME	11/02/06	OP18384	GZF1034
F44838-6	ZF22229.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44826-1, F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Compound	F44838-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C11-C22 Aromatics (Unadj.)	309		1670	1790	89	2450	128	31	40-140/50
	C9-C18 Aliphatics	238		588	1040	136	925	117	12	40-140/50
	C19-C36 Aliphatics	ND		784	1360	173*	1070	136	24	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	F44838-6	Limits
3386-33-2	1-Chlorooctadecane	105%	93%	66%	40-140%
580-13-2	2-Bromonaphthalene	25%*	78%	46%	40-140%
84-15-1	o-Terphenyl	82%	108%	44%	40-140%
321-60-8	2-Fluorobiphenyl	78%	82%	45%	40-140%

Duplicate Summary

Job Number: F44826
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-MCAS-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18384-DUP	ZF22226.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033
F44838-3	ZF22225.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44826-1, F44826-2, F44826-3, F44826-4, F44826-5

CAS No.	Compound	F44838-3 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C11-C22 Aromatics (Unadj.)	ND		151	J	200*	
	C9-C18 Aliphatics	ND		ND		nc	
	C19-C36 Aliphatics	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F44838-3	Limits
3386-33-2	1-Chlorooctadecane	85%	51%	40-140%
580-13-2	2-Bromonaphthalene	70%	89%	40-140%
84-15-1	o-Terphenyl	51%	86%	40-140%
321-60-8	2-Fluorobiphenyl	57%	92%	40-140%

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

11/29/06

Technical Report for

Shaw E & I, Inc.

Camp Lejeune-Rapid Refueler

119909

Accutest Job Number: F44838

Sampling Date: 10/30/06

Report to:

Shaw E & I, Inc.

natasha.sullivan@shawgrp.com

ATTN: Natasha Sullivan

Total number of pages in report: 83

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Harry Behzadi, Ph.D.
Laboratory Director

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Sample Summary

Shaw E & I, Inc.

Job No: F44838

Camp Lejeune-Rapid Refueler
Project No: 119909

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
F44838-1	10/30/06	08:50	RK	10/31/06	AQ	Ground Water	USTRR-MW15
F44838-2	10/30/06	09:15	RK	10/31/06	AQ	Ground Water	USTRR-MW14
F44838-3	10/30/06	09:30	RK	10/31/06	AQ	Ground Water	USTRR-MW11
F44838-4	10/30/06	10:00	RK	10/31/06	AQ	Ground Water	USTRR-MW05
F44838-5	10/30/06	10:30	RK	10/31/06	AQ	Ground Water	USTRR-MW10
F44838-6	10/30/06	11:00	RK	10/31/06	AQ	Ground Water	USTRR-MW3G
F44838-7	10/30/06	14:00	RK	10/31/06	AQ	Ground Water	USTA527-DW06

Sample Results

Report of Analysis

Accutest LabLink@56943 08:08 29-Nov-2006

Report of Analysis

Client Sample ID:	USTRR-MW15		
Lab Sample ID:	F44838-1	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05855.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	9.8	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.9	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.9	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.9	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	9.8	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.8	4.9	ug/l	
95-48-7	2-Methylphenol	ND	4.9	2.0	ug/l	
	3&4-Methylphenol	ND	4.9	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	9.8	ug/l	
87-86-5	Pentachlorophenol	ND	25	9.8	ug/l	
108-95-2	Phenol	ND	4.9	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.9	2.0	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.98	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.98	ug/l	
120-12-7	Anthracene	ND	4.9	0.98	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.98	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.98	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.98	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.98	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.9	0.98	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.9	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.98	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.98	ug/l	
106-47-8	4-Chloroaniline	ND	9.8	3.9	ug/l	
86-74-8	Carbazole	ND	4.9	0.98	ug/l	
218-01-9	Chrysene	ND	4.9	0.98	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.98	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW15		
Lab Sample ID:	F44838-1	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.9	0.98	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.9	0.98	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.98	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.98	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.98	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.8	4.9	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	2.0	ug/l	
132-64-9	Dibenzofuran	ND	4.9	0.98	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.9	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.9	2.5	ug/l	
84-66-2	Diethyl phthalate	30.5	4.9	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.9	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	2.5	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.98	ug/l	
86-73-7	Fluorene	ND	4.9	0.98	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.98	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.9	2.0	ug/l	
67-72-1	Hexachloroethane	ND	4.9	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	2.0	ug/l	
78-59-1	Isophorone	ND	4.9	0.98	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.9	0.98	ug/l	
88-74-4	2-Nitroaniline	ND	9.8	3.9	ug/l	
99-09-2	3-Nitroaniline	ND	9.8	3.9	ug/l	
100-01-6	4-Nitroaniline	ND	9.8	3.9	ug/l	
91-20-3	Naphthalene	ND	4.9	0.98	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.98	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.9	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	2.0	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.98	ug/l	
129-00-0	Pyrene	ND	4.9	0.98	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	35%		19-90%
4165-62-2	Phenol-d5	22%		10-68%
118-79-6	2,4,6-Tribromophenol	79%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW15		
Lab Sample ID:	F44838-1	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		49-119%
321-60-8	2-Fluorobiphenyl	65%		45-118%
1718-51-0	Terphenyl-d14	70%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
57	n-Hexadecanoic acid	11.40	28	ug/l	JN
	Total TIC, Semi-Volatile		28	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW15		
Lab Sample ID:	F44838-1	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ020025.D	1	11/07/06	AF	n/a	n/a	GQQ770
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		71-130%
98-08-8	aaa-Trifluorotoluene	94%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW15		
Lab Sample ID:	F44838-1	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024703.D	1	11/02/06	MM	n/a	n/a	GUV1418
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	73%		70-130%
460-00-4	BFB	73%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW15		
Lab Sample ID:	F44838-1	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22221.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	83%		40-140%
580-13-2	2-Bromonaphthalene	86%		40-140%
84-15-1	o-Terphenyl	87%		40-140%
321-60-8	2-Fluorobiphenyl	84%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW14		
Lab Sample ID:	F44838-2	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05856.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	4.8	ug/l	
95-48-7	2-Methylphenol	ND	4.8	1.9	ug/l	
	3&4-Methylphenol	ND	4.8	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.5	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.5	ug/l	
108-95-2	Phenol	ND	4.8	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.95	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.95	ug/l	
120-12-7	Anthracene	ND	4.8	0.95	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.95	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.95	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.95	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.95	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.95	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.95	ug/l	
106-47-8	4-Chloroaniline	ND	9.5	3.8	ug/l	
86-74-8	Carbazole	ND	4.8	0.95	ug/l	
218-01-9	Chrysene	ND	4.8	0.95	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.95	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56943 08:08 29-Nov-2006

Report of Analysis

Client Sample ID:	USTRR-MW14		
Lab Sample ID:	F44838-2	Date Sampled:	10/30/06
Matrix:	AQ - Ground Water	Date Received:	10/31/06
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.95	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.95	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.95	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	53.2	4.8	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.95	ug/l	
86-73-7	Fluorene	ND	4.8	0.95	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.95	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.8	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	1.9	ug/l	
78-59-1	Isophorone	2.8	4.8	0.95	ug/l	J
91-57-6	2-Methylnaphthalene	ND	4.8	0.95	ug/l	
88-74-4	2-Nitroaniline	ND	9.5	3.8	ug/l	
99-09-2	3-Nitroaniline	ND	9.5	3.8	ug/l	
100-01-6	4-Nitroaniline	ND	9.5	3.8	ug/l	
91-20-3	Naphthalene	ND	4.8	0.95	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.95	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.95	ug/l	
129-00-0	Pyrene	ND	4.8	0.95	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.95	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	31%		19-90%
4165-62-2	Phenol-d5	20%		10-68%
118-79-6	2,4,6-Tribromophenol	82%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56943 08:08 29-Nov-2006

Report of Analysis

Client Sample ID:	USTRR-MW14		
Lab Sample ID:	F44838-2	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		49-119%
321-60-8	2-Fluorobiphenyl	71%		45-118%
1718-51-0	Terphenyl-d14	58%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
104	1-Hexanol, 2-ethyl-	4.54	19	ug/l	JN
61141	Cyclohexane, 1,2-diethyl-1-methyl-	4.97	6.2	ug/l	JN
61208	Cyclohexane, (1-methylbutyl)-	5.19	7.3	ug/l	JN
62238	Decane, 2,3,7-trimethyl-	5.43	6.2	ug/l	JN
17301	Undecane, 2,6-dimethyl-	5.60	10	ug/l	JN
74421	2-Decene, 2,4-dimethyl-	5.82	5.8	ug/l	JN
504	Hexadecane, 2,6,11,15-tetramethyl-	5.98	28	ug/l	JN
629	Heptadecane	6.28	6.9	ug/l	JN
5617	Heptylcyclohexane	6.53	5.4	ug/l	JN
112	Dodecane	6.90	11	ug/l	JN
57387	Borinic acid, diethyl-, 3,3,5-trim	7.21	6.2	ug/l	JN
544	Hexadecane	7.35	14	ug/l	JN
19780	2-Dodecen-1-yl(-)succinic anhydrid	7.50	6.4	ug/l	JN
17629	Pyrazole, 3-(p-chlorophenyl)-5-met	7.98	5.1	ug/l	JN
1782	2-Norbornanone, 1-(epithioethyl)-7	10.27	4.8	ug/l	JN
10544	Cyclic octaatomic sulfur	12.27	130	ug/l	JN
112	Eicosane	17.50	5.4	ug/l	JN
4555	D:C-Friedo-B':A'-neogammacer-9(11)	20.12	11	ug/l	JN
	Total TIC, Semi-Volatile		288.7	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56943 08:08 29-Nov-2006

Report of Analysis

Client Sample ID:	USTRR-MW14		
Lab Sample ID:	F44838-2	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ020026.D	1	11/07/06	AF	n/a	n/a	GQQ770
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		71-130%
98-08-8	aaa-Trifluorotoluene	95%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56943 08:08 29-Nov-2006

Report of Analysis

Client Sample ID:	USTRR-MW14		
Lab Sample ID:	F44838-2	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024704.D	1	11/02/06	MM	n/a	n/a	GUV1418
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	122	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	81.2	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	75%		70-130%
460-00-4	BFB	72%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56943 08:08 29-Nov-2006

Report of Analysis

Client Sample ID:	USTRR-MW14		
Lab Sample ID:	F44838-2	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22222.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	495	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	69%		40-140%
580-13-2	2-Bromonaphthalene	81%		40-140%
84-15-1	o-Terphenyl	78%		40-140%
321-60-8	2-Fluorobiphenyl	81%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56943 08:08 29-Nov-2006

Report of Analysis

Client Sample ID:	USTRR-MW11		
Lab Sample ID:	F44838-3	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05857.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	4.8	ug/l	
95-48-7	2-Methylphenol	ND	4.8	1.9	ug/l	
	3&4-Methylphenol	ND	4.8	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.5	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.5	ug/l	
108-95-2	Phenol	ND	4.8	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.95	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.95	ug/l	
120-12-7	Anthracene	ND	4.8	0.95	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.95	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.95	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.95	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.95	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.95	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.95	ug/l	
106-47-8	4-Chloroaniline	ND	9.5	3.8	ug/l	
86-74-8	Carbazole	ND	4.8	0.95	ug/l	
218-01-9	Chrysene	ND	4.8	0.95	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.95	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56943 08:08 29-Nov-2006

Report of Analysis

Client Sample ID:	USTRR-MW11		
Lab Sample ID:	F44838-3	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.95	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.95	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.95	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.95	ug/l	
86-73-7	Fluorene	ND	4.8	0.95	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.95	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.8	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	1.9	ug/l	
78-59-1	Isophorone	ND	4.8	0.95	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.95	ug/l	
88-74-4	2-Nitroaniline	ND	9.5	3.8	ug/l	
99-09-2	3-Nitroaniline	ND	9.5	3.8	ug/l	
100-01-6	4-Nitroaniline	ND	9.5	3.8	ug/l	
91-20-3	Naphthalene	ND	4.8	0.95	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.95	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.95	ug/l	
129-00-0	Pyrene	ND	4.8	0.95	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.95	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	33%		19-90%
4165-62-2	Phenol-d5	20%		10-68%
118-79-6	2,4,6-Tribromophenol	82%		36-137%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW11		
Lab Sample ID:	F44838-3	Date Sampled:	10/30/06
Matrix:	AQ - Ground Water	Date Received:	10/31/06
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	63%		49-119%
321-60-8	2-Fluorobiphenyl	62%		45-118%
1718-51-0	Terphenyl-d14	62%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
104	1-Hexanol, 2-ethyl-	4.54	5.9	ug/l	JN
26730	Tridecane, 7-methyl-	5.98	8.4	ug/l	JN
10544	Cyclic octaatomic sulfur	12.22	14	ug/l	JN
	Total TIC, Semi-Volatile		28.3	ug/l	J

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56943 08:08 29-Nov-2006

Report of Analysis

Client Sample ID:	USTRR-MW11		
Lab Sample ID:	F44838-3	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ020027.D	1	11/07/06	AF	n/a	n/a	GQQ770
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		71-130%
98-08-8	aaa-Trifluorotoluene	96%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56943 08:08 29-Nov-2006

Report of Analysis

Client Sample ID:	USTRR-MW11		
Lab Sample ID:	F44838-3	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024707.D	1	11/02/06	MM	n/a	n/a	GUV1418
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	36.4	55	30	ug/l	J
	C9- C10 Aromatics (Unadj.)	38.6	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	73%		70-130%
460-00-4	BFB	72%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56943 08:08 29-Nov-2006

Report of Analysis

Client Sample ID:	USTRR-MW11		
Lab Sample ID:	F44838-3	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22225.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	190	140	ug/l	
	C9-C18 Aliphatics	ND	190	190	ug/l	
	C19-C36 Aliphatics	ND	190	190	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	51%		40-140%
580-13-2	2-Bromonaphthalene	89%		40-140%
84-15-1	o-Terphenyl	86%		40-140%
321-60-8	2-Fluorobiphenyl	92%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56943 08:08 29-Nov-2006

Report of Analysis

Client Sample ID:	USTRR-MW05		
Lab Sample ID:	F44838-4	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05858.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW05		
Lab Sample ID:	F44838-4	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	3.6	5.0	1.0	ug/l	J
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		19-90%
4165-62-2	Phenol-d5	26%		10-68%
118-79-6	2,4,6-Tribromophenol	83%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW05		
Lab Sample ID:	F44838-4	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	67%		49-119%
321-60-8	2-Fluorobiphenyl	69%		45-118%
1718-51-0	Terphenyl-d14	68%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
123	Octadecanoic acid, butyl ester	14.42	10	ug/l	JN
	Total TIC, Semi-Volatile		10	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW05		
Lab Sample ID:	F44838-4	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ020028.D	1	11/07/06	AF	n/a	n/a	GQQ770
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		71-130%
98-08-8	aaa-Trifluorotoluene	95%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW05		
Lab Sample ID:	F44838-4	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024721.D	1	11/03/06	MM	n/a	n/a	GUV1419
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	43.0	55	30	ug/l	J
	C9- C10 Aromatics (Unadj.)	38.1	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	81%		70-130%
460-00-4	BFB	78%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW05		
Lab Sample ID:	F44838-4	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22227.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	173	200	150	ug/l	J
	C9-C18 Aliphatics	248	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	79%		40-140%
580-13-2	2-Bromonaphthalene	74%		40-140%
84-15-1	o-Terphenyl	70%		40-140%
321-60-8	2-Fluorobiphenyl	75%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW10		
Lab Sample ID:	F44838-5	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05859.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
Run #2	R05875.D	4	11/10/06	NJ	11/03/06	OP18397	SR275

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2	1020 ml	1.0 ml

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	9.8	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.9	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.9	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.9	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	9.8	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.8	4.9	ug/l	
95-48-7	2-Methylphenol	ND	4.9	2.0	ug/l	
	3&4-Methylphenol	ND	4.9	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	9.8	ug/l	
87-86-5	Pentachlorophenol	ND	25	9.8	ug/l	
108-95-2	Phenol	ND	4.9	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.9	2.0	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.98	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.98	ug/l	
120-12-7	Anthracene	ND	4.9	0.98	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.98	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.98	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.98	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.98	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.9	0.98	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.9	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.98	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.98	ug/l	
106-47-8	4-Chloroaniline	ND	9.8	3.9	ug/l	
86-74-8	Carbazole	ND	4.9	0.98	ug/l	
218-01-9	Chrysene	ND	4.9	0.98	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.98	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW10		
Lab Sample ID:	F44838-5	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.9	0.98	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.9	0.98	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.98	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.98	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.98	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.8	4.9	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	2.0	ug/l	
132-64-9	Dibenzofuran	1.8	4.9	0.98	ug/l	J
84-74-2	Di-n-butyl phthalate	ND	4.9	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.9	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	4.9	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.9	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	2.5	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.98	ug/l	
86-73-7	Fluorene	ND	4.9	0.98	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.98	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.9	2.0	ug/l	
67-72-1	Hexachloroethane	ND	4.9	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	2.0	ug/l	
78-59-1	Isophorone	ND	4.9	0.98	ug/l	
91-57-6	2-Methylnaphthalene	86.8	4.9	0.98	ug/l	
88-74-4	2-Nitroaniline	ND	9.8	3.9	ug/l	
99-09-2	3-Nitroaniline	ND	9.8	3.9	ug/l	
100-01-6	4-Nitroaniline	ND	9.8	3.9	ug/l	
91-20-3	Naphthalene	220 [a]	20	3.9	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.98	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.9	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	2.0	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.98	ug/l	
129-00-0	Pyrene	ND	4.9	0.98	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	33%	34%	19-90%
4165-62-2	Phenol-d5	22%	23%	10-68%
118-79-6	2,4,6-Tribromophenol	82%	81%	36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW10		
Lab Sample ID:	F44838-5	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	59%	61%	49-119%
321-60-8	2-Fluorobiphenyl	63%	68%	45-118%
1718-51-0	Terphenyl-d14	67%	70%	46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
100	Ethylbenzene	3.38	34	ug/l	JN
103	Benzene, propyl-	4.08	14	ug/l	JN
95	Benzene, 1,2,4-trimethyl-	4.35	25	ug/l	JN
496	Indane	4.60	36	ug/l	JN
141	Benzene, 1,3-diethyl-	4.66	19	ug/l	JN
105	Benzene, 1,4-diethyl-	4.71	34	ug/l	JN
95	Benzene, 1,2,4,5-tetramethyl-	5.07	24	ug/l	JN
488	Benzene, 1,2,3,4-tetramethyl-	5.09	18	ug/l	JN
934	3-Phenylbut-1-ene	5.22	18	ug/l	JN
76089	1,3-Cyclopentadiene, 1,2,3,4-tetra	5.29	78	ug/l	JN
119	Naphthalene, 1,2,3,4-tetrahydro-	5.37	41	ug/l	JN
1680	Naphthalene, 1,2,3,4-tetrahydro-6-	6.04	13	ug/l	JN
2809	Naphthalene, 1,2,3,4-tetrahydro-5-	6.21	16	ug/l	JN
499	Benzoic acid, 3,5-dimethyl-	6.51	15	ug/l	JN
939	Naphthalene, 2-ethyl-	6.97	15	ug/l	JN
581	Naphthalene, 2,6-dimethyl-	7.05	20	ug/l	JN
575	Naphthalene, 1,7-dimethyl-	7.16	25	ug/l	JN
571	Naphthalene, 1,5-dimethyl-	7.20	19	ug/l	JN
575	Naphthalene, 1,3-dimethyl-	7.32	11	ug/l	JN
10544	Cyclic octaatomic sulfur	12.24	46	ug/l	JN
	Total TIC, Semi-Volatile		521	ug/l	J

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW10		
Lab Sample ID:	F44838-5	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ020044.D	1	11/08/06	AF	n/a	n/a	GQQ771
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	7.4	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	59.6	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.4	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	20.4	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	109%		71-130%
98-08-8	aaa-Trifluorotoluene	100%		71-124%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW10		
Lab Sample ID:	F44838-5	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024722.D	1	11/03/06	MM	n/a	n/a	GUV1419
Run #2	UV024732.D	2	11/03/06	MM	n/a	n/a	GUV1419

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	783	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	590 [a]	40	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	93%	91%	70-130%
460-00-4	BFB	90%	88%	70-130%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW10		
Lab Sample ID:	F44838-5	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22228.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	166	200	150	ug/l	J
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	93%		40-140%
580-13-2	2-Bromonaphthalene	64%		40-140%
84-15-1	o-Terphenyl	67%		40-140%
321-60-8	2-Fluorobiphenyl	72%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56943 08:08 29-Nov-2006

Report of Analysis

Client Sample ID:	USTRR-MW3G		
Lab Sample ID:	F44838-6	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05860.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
Run #2	R05876.D	4	11/10/06	NJ	11/03/06	OP18397	SR275

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2	1050 ml	1.0 ml

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	4.8	ug/l	
95-48-7	2-Methylphenol	ND	4.8	1.9	ug/l	
	3&4-Methylphenol	ND	4.8	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.5	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.5	ug/l	
108-95-2	Phenol	ND	4.8	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.95	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.95	ug/l	
120-12-7	Anthracene	ND	4.8	0.95	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.95	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.95	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.95	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.95	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.95	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.95	ug/l	
106-47-8	4-Chloroaniline	ND	9.5	3.8	ug/l	
86-74-8	Carbazole	ND	4.8	0.95	ug/l	
218-01-9	Chrysene	ND	4.8	0.95	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.95	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW3G		
Lab Sample ID:	F44838-6	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.95	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.95	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.95	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	191 [a]	19	9.5	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.95	ug/l	
86-73-7	Fluorene	ND	4.8	0.95	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.95	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.8	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	1.9	ug/l	
78-59-1	Isophorone	ND	4.8	0.95	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.95	ug/l	
88-74-4	2-Nitroaniline	ND	9.5	3.8	ug/l	
99-09-2	3-Nitroaniline	ND	9.5	3.8	ug/l	
100-01-6	4-Nitroaniline	ND	9.5	3.8	ug/l	
91-20-3	Naphthalene	ND	4.8	0.95	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.95	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.95	ug/l	
129-00-0	Pyrene	ND	4.8	0.95	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.95	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	35%	34%	19-90%
4165-62-2	Phenol-d5	22%	22%	10-68%
118-79-6	2,4,6-Tribromophenol	83%	77%	36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW3G		
Lab Sample ID:	F44838-6	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%	63%	49-119%
321-60-8	2-Fluorobiphenyl	65%	67%	45-118%
1718-51-0	Terphenyl-d14	69%	70%	46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
26603	p,p'-Dioctyldiphenylamine	17.82	200	ug/l	JN
14474	Dibenz[a,h]anthracene, 5,6,12,13-t	18.87	6.8	ug/l	JN
	Total TIC, Semi-Volatile		206.8	ug/l	J

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW3G		
Lab Sample ID:	F44838-6	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ020029.D	1	11/07/06	AF	n/a	n/a	GQQ770
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		71-130%
98-08-8	aaa-Trifluorotoluene	95%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW3G		
Lab Sample ID:	F44838-6	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024723.D	1	11/03/06	MM	n/a	n/a	GUV1419
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	75%		70-130%
460-00-4	BFB	71%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW3G		
Lab Sample ID:	F44838-6	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22229.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	309	190	140	ug/l	
	C9-C18 Aliphatics	238	190	190	ug/l	
	C19-C36 Aliphatics	ND	190	190	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	66%		40-140%
580-13-2	2-Bromonaphthalene	46%		40-140%
84-15-1	o-Terphenyl	44%		40-140%
321-60-8	2-Fluorobiphenyl	45%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56943 08:08 29-Nov-2006

Report of Analysis

Client Sample ID:	USTA527-DW06		
Lab Sample ID:	F44838-7	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05861.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	4.8	ug/l	
95-48-7	2-Methylphenol	ND	4.8	1.9	ug/l	
	3&4-Methylphenol	ND	4.8	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.5	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.5	ug/l	
108-95-2	Phenol	ND	4.8	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.95	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.95	ug/l	
120-12-7	Anthracene	ND	4.8	0.95	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.95	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.95	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.95	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.95	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.95	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.95	ug/l	
106-47-8	4-Chloroaniline	ND	9.5	3.8	ug/l	
86-74-8	Carbazole	ND	4.8	0.95	ug/l	
218-01-9	Chrysene	ND	4.8	0.95	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.95	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTA527-DW06		
Lab Sample ID:	F44838-7	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.95	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.95	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.95	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.95	ug/l	
86-73-7	Fluorene	ND	4.8	0.95	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.95	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.8	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	1.9	ug/l	
78-59-1	Isophorone	ND	4.8	0.95	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.95	ug/l	
88-74-4	2-Nitroaniline	ND	9.5	3.8	ug/l	
99-09-2	3-Nitroaniline	ND	9.5	3.8	ug/l	
100-01-6	4-Nitroaniline	ND	9.5	3.8	ug/l	
91-20-3	Naphthalene	ND	4.8	0.95	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.95	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.95	ug/l	
129-00-0	Pyrene	ND	4.8	0.95	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.95	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%		19-90%
4165-62-2	Phenol-d5	23%		10-68%
118-79-6	2,4,6-Tribromophenol	80%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTA527-DW06		
Lab Sample ID:	F44838-7	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	67%		49-119%
321-60-8	2-Fluorobiphenyl	66%		45-118%
1718-51-0	Terphenyl-d14	67%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTA527-DW06		
Lab Sample ID:	F44838-7	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ020032.D	1	11/08/06	AF	n/a	n/a	GQQ770
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.66	1.0	0.50	ug/l	J
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		71-130%
98-08-8	aaa-Trifluorotoluene	95%		71-124%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTA527-DW06		
Lab Sample ID:	F44838-7	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024724.D	1	11/03/06	MM	n/a	n/a	GUV1419
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	75%		70-130%
460-00-4	BFB	74%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@56943 08:08 29-Nov-2006

Report of Analysis

Client Sample ID:	USTA527-DW06		
Lab Sample ID:	F44838-7	**Date Sampled:**	10/30/06
Matrix:	AQ - Ground Water	**Date Received:**	10/31/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22260.D	1	11/10/06	ME	11/02/06	OP18384	GZF1034
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	176	190	140	ug/l	J
	C9-C18 Aliphatics	ND	190	190	ug/l	
	C19-C36 Aliphatics	ND	190	190	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	64%		40-140%
580-13-2	2-Bromonaphthalene	105%		40-140%
84-15-1	o-Terphenyl	95%		40-140%
321-60-8	2-Fluorobiphenyl	95%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

COC Number:
119909-RR-103006-1

F44838

Shaw Environmental & Infrastructure, Inc.

CHAIN-OF-CUSTODY RECORD

Shaw E & I - Piney Green Rd. Lot 203 Bld 626 - 910-451-2390

Receiving LAB: Accutest

Project Name	Project Location		
CAMP LEJEUNE - RR	CAMP LEJEUNE, NC		
Project Number	**Contact**	**P.O. Number**	**Reviewed by**
119909	Mark Martin	200935	
Client Rep	**Project Manager**		
US NAVY - LANTDIV	Ron Kenyon		

Analysis Desired

Item No.	Sample Number	Date	Time	Comp	Grab	Sample Description	Number of Containers	602 w/ Xylenes & MT	625 plus TICS	MADEP EPH	MADEP VPH
1	USTRR-MW15	10/30/06	8:50		X	USTRR-MW15	10	X	X	X	X
2	USTRR-MW14	10/30/06	9:15		X	USTRR-MW14	10	X	X	X	X
3	USTRR-MW11	10/30/06	9:30		X	USTRR-MW11	10	X	X	X	X
4	USTRR-MW05	10/30/06	10:00		X	USTRR-MW05	10	X	X	X	X
5	USTRR-MW10	10/30/06	10:30		X	USTRR-MW10	10	X	X	X	X
6	USTRR-MW3G	10/30/06	11:00		X	USTRR-MW3G	10	X	X	X	X
7	USTA527-DW06	10/30/06	14:00		X	USTA527-DW06	10	X	X	X	X
8											
9											
10											

Transfer Number	Item Number	Transfers Relinquished By	Transfers Accepted By	Date	Time
1	1 -- 7		FedEx 8581 0350 2289	10/30/06	16:00
2			Jorge Corral	10-31-06	9:00
3					

Remarks

14 Day TAT
NEESA LEVEL C

4.5 6.0 5.8

F44838: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F44838 CLIENT: SHAW PROJECT: Camp lejeune - RR

DATE/TIME RECEIVED: 10-31-06 9:00 # OF COOLERS RECEIVED: 2 COOLER TEMPS: 4.5 6.0 5.8

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8581 0350 2289

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [✓] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [✓] TRIP BLANK NOT ON COC
- [✓] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [✓] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DOES NOT MATCH LABEL(S)
- [ ] ID'S ON COC DOES NOT MATCH LABEL(S)
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

MISC. INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OR LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE Jmc 10-31-06 TECHNICIAN SIGNATURE/DATE

ASBD 10/03/06

F44838: Chain of Custody
Page 2 of 2

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MB	R05841.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44838-1, F44838-2, F44838-3, F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MB	R05841.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44838-1, F44838-2, F44838-3, F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	41%	19-90%
4165-62-2	Phenol-d5	27%	10-68%

Method Blank Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MB	R05841.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44838-1, F44838-2, F44838-3, F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	67%	36-137%
4165-60-0	Nitrobenzene-d5	63%	49-119%
321-60-8	2-Fluorobiphenyl	62%	45-118%
1718-51-0	Terphenyl-d14	65%	46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

Method Blank Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MB	R05874.D	1	11/10/06	NJ	11/03/06	OP18397	SR275

The QC reported here applies to the following samples: Method: EPA 625

F44838-1, F44838-2, F44838-3, F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MB	R05874.D	1	11/10/06	NJ	11/03/06	OP18397	SR275

The QC reported here applies to the following samples: Method: EPA 625

F44838-1, F44838-2, F44838-3, F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	41%	19-90%
4165-62-2	Phenol-d5	27%	10-68%

Method Blank Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MB	R05874.D	1	11/10/06	NJ	11/03/06	OP18397	SR275

The QC reported here applies to the following samples: Method: EPA 625

F44838-1, F44838-2, F44838-3, F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	69%	36-137%
4165-60-0	Nitrobenzene-d5	63%	49-119%
321-60-8	2-Fluorobiphenyl	61%	45-118%
1718-51-0	Terphenyl-d14	64%	46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

Blank Spike Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-BS	R05840.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44838-1, F44838-2, F44838-3, F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	20.4	20	10-50
95-57-8	2-Chlorophenol	50	33.0	66	57-100
59-50-7	4-Chloro-3-methyl phenol	50	37.5	75	63-105
120-83-2	2,4-Dichlorophenol	50	35.9	72	65-106
105-67-9	2,4-Dimethylphenol	50	26.8	54	49-90
51-28-5	2,4-Dinitrophenol	100	74.4	74	26-125
534-52-1	4,6-Dinitro-o-cresol	100	83.1	83	56-121
95-48-7	2-Methylphenol	50	28.4	57	48-90
	3&4-Methylphenol	100	56.1	56	43-94
88-75-5	2-Nitrophenol	50	36.1	72	62-107
100-02-7	4-Nitrophenol	100	33.3	33	19-66
87-86-5	Pentachlorophenol	100	72.0	72	62-120
108-95-2	Phenol	50	16.7	33	20-65
95-95-4	2,4,5-Trichlorophenol	50	37.0	74	67-103
88-06-2	2,4,6-Trichlorophenol	50	37.5	75	68-104
83-32-9	Acenaphthene	50	38.0	76	67-101
208-96-8	Acenaphthylene	50	37.1	74	65-100
120-12-7	Anthracene	50	40.6	81	71-103
56-55-3	Benzo(a)anthracene	50	35.2	70* [a]	71-105
50-32-8	Benzo(a)pyrene	50	40.0	80	67-106
205-99-2	Benzo(b)fluoranthene	50	40.2	80	68-108
191-24-2	Benzo(g,h,i)perylene	50	39.2	78	65-110
207-08-9	Benzo(k)fluoranthene	50	41.0	82	69-110
101-55-3	4-Bromophenyl phenyl ether	50	38.4	77	71-106
85-68-7	Butyl benzyl phthalate	50	34.7	69	66-110
100-51-6	Benzyl Alcohol	50	33.4	67	36-101
91-58-7	2-Chloronaphthalene	50	35.3	71	62-99
106-47-8	4-Chloroaniline	50	34.1	68	58-101
86-74-8	Carbazole	50	40.9	82	73-106
218-01-9	Chrysene	50	35.8	72	71-105
111-91-1	bis(2-Chloroethoxy)methane	50	32.3	65	56-101
111-44-4	bis(2-Chloroethyl)ether	50	33.8	68	60-108
108-60-1	bis(2-Chloroisopropyl)ether	50	31.8	64	49-108
7005-72-3	4-Chlorophenyl phenyl ether	50	37.9	76	69-106
95-50-1	1,2-Dichlorobenzene	50	33.4	67	48-98
541-73-1	1,3-Dichlorobenzene	50	32.3	65	44-95

Blank Spike Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-BS	R05840.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44838-1, F44838-2, F44838-3, F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-46-7	1,4-Dichlorobenzene	50	32.5	65	46-96
121-14-2	2,4-Dinitrotoluene	50	39.4	79	64-107
606-20-2	2,6-Dinitrotoluene	50	37.7	75	64-102
91-94-1	3,3'-Dichlorobenzidine	50	33.2	66	54-109
53-70-3	Dibenzo(a,h)anthracene	50	40.0	80	61-112
132-64-9	Dibenzofuran	50	37.7	75	70-102
84-74-2	Di-n-butyl phthalate	50	38.7	77	69-109
117-84-0	Di-n-octyl phthalate	50	40.0	80	63-125
84-66-2	Diethyl phthalate	50	39.6	79	66-111
131-11-3	Dimethyl phthalate	50	37.9	76	66-109
117-81-7	bis(2-Ethylhexyl)phthalate	50	34.5	69	66-114
206-44-0	Fluoranthene	50	41.8	84	71-108
86-73-7	Fluorene	50	39.3	79	68-102
118-74-1	Hexachlorobenzene	50	38.4	77	69-103
87-68-3	Hexachlorobutadiene	50	32.1	64	48-100
77-47-4	Hexachlorocyclopentadiene	50	24.4	49	20-85
67-72-1	Hexachloroethane	50	31.0	62	41-98
193-39-5	Indeno(1,2,3-cd)pyrene	50	39.7	79	66-112
78-59-1	Isophorone	50	37.3	75	62-105
91-57-6	2-Methylnaphthalene	50	37.7	75	62-105
88-74-4	2-Nitroaniline	50	39.3	79	66-105
99-09-2	3-Nitroaniline	50	36.3	73	56-104
100-01-6	4-Nitroaniline	50	40.1	80	62-110
91-20-3	Naphthalene	50	35.1	70	56-99
98-95-3	Nitrobenzene	50	35.6	71	60-102
621-64-7	N-Nitroso-di-n-propylamine	50	35.5	71	56-101
86-30-6	N-Nitrosodiphenylamine	50	37.5	75	69-106
85-01-8	Phenanthrene	50	40.1	80	71-104
129-00-0	Pyrene	50	35.4	71	67-108
120-82-1	1,2,4-Trichlorobenzene	50	33.8	68	52-99

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	45%	19-90%
4165-62-2	Phenol-d5	30%	10-68%

Blank Spike Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-BS	R05840.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44838-1, F44838-2, F44838-3, F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Surrogate Recoveries	BSP	Limits
118-79-6	2,4,6-Tribromophenol	82%	36-137%
4165-60-0	Nitrobenzene-d5	71%	49-119%
321-60-8	2-Fluorobiphenyl	69%	45-118%
1718-51-0	Terphenyl-d14	70%	46-135%

(a) Sporadic marginal failure, within limits in MS/MSD.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MS	R05845.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
OP18397-MSD	R05846.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
F44826-3	R05844.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44838-1, F44838-2, F44838-3, F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Compound	F44826-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND		227	111	49	113	50	2	10-80/45
95-57-8	2-Chlorophenol	ND		114	88.9	78	87.0	77	2	43-109/27
59-50-7	4-Chloro-3-methyl phenol	ND		114	99.1	87	96.5	85	3	57-109/20
120-83-2	2,4-Dichlorophenol	ND		114	97.5	86	97.4	86	0	49-114/23
105-67-9	2,4-Dimethylphenol	ND		114	75.1	66	71.2	63	5	32-103/24
51-28-5	2,4-Dinitrophenol	ND		227	188	83	180	79	4	20-131/28
534-52-1	4,6-Dinitro-o-cresol	ND		227	210	92	201	88	4	46-130/23
95-48-7	2-Methylphenol	ND		114	82.6	73	81.4	72	1	40-102/25
	3&4-Methylphenol	ND		227	175	77	170	75	3	39-97/24
88-75-5	2-Nitrophenol	ND		114	94.8	83	91.1	80	4	46-115/26
100-02-7	4-Nitrophenol	ND		227	139	61	137	60	1	28-81/30
87-86-5	Pentachlorophenol	ND		227	192	84	185	81	4	53-128/22
108-95-2	Phenol	ND		114	64.5	57	66.1	58	2	19-81/33
95-95-4	2,4,5-Trichlorophenol	ND		114	97.2	86	92.6	81	5	56-110/19
88-06-2	2,4,6-Trichlorophenol	ND		114	98.6	87	93.2	82	6	55-112/19
83-32-9	Acenaphthene	ND		114	99.3	87	96.0	84	3	58-109/18
208-96-8	Acenaphthylene	ND		114	96.1	85	93.9	83	2	59-103/18
120-12-7	Anthracene	ND		114	102	90	96.6	85	5	65-108/16
56-55-3	Benzo(a)anthracene	ND		114	88.5	78	83.8	74	5	68-106/17
50-32-8	Benzo(a)pyrene	ND		114	99.2	87	95.2	84	4	61-108/18
205-99-2	Benzo(b)fluoranthene	ND		114	101	89	94.8	83	6	65-109/18
191-24-2	Benzo(g,h,i)perylene	ND		114	98.8	87	94.6	83	4	60-114/19
207-08-9	Benzo(k)fluoranthene	ND		114	102	90	97.6	86	4	66-111/17
101-55-3	4-Bromophenyl phenyl ether	ND		114	98.8	87	95.2	84	4	68-108/17
85-68-7	Butyl benzyl phthalate	ND		114	87.1	77	81.8	72	6	64-111/18
100-51-6	Benzyl Alcohol	ND		114	95.1	84	93.6	82	2	44-105/26
91-58-7	2-Chloronaphthalene	ND		114	94.5	83	90.1	79	5	57-102/20
106-47-8	4-Chloroaniline	ND		114	86.6	76	82.3	72	5	37-106/27
86-74-8	Carbazole	ND		114	101	89	97.5	86	4	68-111/16
218-01-9	Chrysene	ND		114	89.7	79	84.4	74	6	69-106/17
111-91-1	bis(2-Chloroethoxy)methane	ND		114	85.7	75	83.0	73	3	46-106/24
111-44-4	bis(2-Chloroethyl)ether	ND		114	89.7	79	87.5	77	2	48-114/28
108-60-1	bis(2-Chloroisopropyl)ether	ND		114	82.0	72	80.6	71	2	43-110/26
7005-72-3	4-Chlorophenyl phenyl ether	ND		114	97.1	85	94.4	83	3	66-107/17
95-50-1	1,2-Dichlorobenzene	ND		114	89.4	79	89.1	78	0	45-103/24
541-73-1	1,3-Dichlorobenzene	ND		114	85.8	76	85.7	75	0	42-100/24

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MS	R05845.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
OP18397-MSD	R05846.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
F44826-3	R05844.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44838-1, F44838-2, F44838-3, F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Compound	F44826-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
106-46-7	1,4-Dichlorobenzene	ND		114	86.3	76	84.8	75	2	43-102/24
121-14-2	2,4-Dinitrotoluene	ND		114	98.9	87	95.7	84	3	60-108/18
606-20-2	2,6-Dinitrotoluene	ND		114	93.8	83	91.3	80	3	59-105/18
91-94-1	3,3'-Dichlorobenzidine	ND		114	76.5	67	71.1	63	7	21-120/24
53-70-3	Dibenzo(a,h)anthracene	ND		114	102	90	95.5	84	7	59-112/18
132-64-9	Dibenzofuran	ND		114	95.3	84	93.4	82	2	65-105/17
84-74-2	Di-n-butyl phthalate	ND		114	97.4	86	92.1	81	6	68-109/18
117-84-0	Di-n-octyl phthalate	ND		114	100	88	96.5	85	4	59-127/23
84-66-2	Diethyl phthalate	ND		114	97.9	86	95.5	84	2	64-111/18
131-11-3	Dimethyl phthalate	ND		114	97.0	85	93.1	82	4	63-109/17
117-81-7	bis(2-Ethylhexyl)phthalate	ND		114	88.0	77	84.0	74	5	58-119/21
206-44-0	Fluoranthene	ND		114	105	92	98.7	87	6	68-110/18
86-73-7	Fluorene	ND		114	99.6	88	96.7	85	3	62-106/17
118-74-1	Hexachlorobenzene	ND		114	97.5	86	93.7	82	4	66-106/16
87-68-3	Hexachlorobutadiene	ND		114	89.1	78	86.8	76	3	46-107/26
77-47-4	Hexachlorocyclopentadiene	ND		114	70.6	62	69.2	61	2	16-84/31
67-72-1	Hexachloroethane	ND		114	84.6	74	84.8	75	0	39-105/25
193-39-5	Indeno(1,2,3-cd)pyrene	ND		114	101	89	95.2	84	6	61-115/19
78-59-1	Isophorone	ND		114	99.4	87	95.9	84	4	54-107/22
91-57-6	2-Methylnaphthalene	ND		114	99.2	87	98.2	86	1	53-112/22
88-74-4	2-Nitroaniline	ND		114	99.2	87	96.4	85	3	60-108/18
99-09-2	3-Nitroaniline	ND		114	83.3	73	77.5	68	7	43-103/23
100-01-6	4-Nitroaniline	ND		114	97.6	86	96.7	85	1	55-110/19
91-20-3	Naphthalene	ND		114	94.9	84	91.6	81	4	49-104/24
98-95-3	Nitrobenzene	ND		114	93.4	82	91.2	80	2	50-107/25
621-64-7	N-Nitroso-di-n-propylamine	ND		114	91.3	80	92.1	81	1	47-104/23
86-30-6	N-Nitrosodiphenylamine	ND		114	94.4	83	88.2	78	7	63-110/17
85-01-8	Phenanthrene	ND		114	102	90	96.3	85	6	67-108/17
129-00-0	Pyrene	ND		114	87.7	77	83.6	74	5	65-108/18
120-82-1	1,2,4-Trichlorobenzene	ND		114	90.8	80	89.4	79	2	49-104/25

CAS No.	Surrogate Recoveries	MS	MSD	F44826-3	Limits
367-12-4	2-Fluorophenol	68%	68%	35%	19-90%
4165-62-2	Phenol-d5	55%	56%	24%	10-68%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18397-MS	R05845.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
OP18397-MSD	R05846.D	1	11/09/06	NJ	11/03/06	OP18397	SR274
F44826-3	R05844.D	1	11/09/06	NJ	11/03/06	OP18397	SR274

The QC reported here applies to the following samples: Method: EPA 625

F44838-1, F44838-2, F44838-3, F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Surrogate Recoveries	MS	MSD	F44826-3	Limits
118-79-6	2,4,6-Tribromophenol	91%	84%	76%	36-137%
4165-60-0	Nitrobenzene-d5	80%	77%	61%	49-119%
321-60-8	2-Fluorobiphenyl	78%	76%	59%	45-118%
1718-51-0	Terphenyl-d14	75%	71%	68%	46-135%

GC Volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ770-MB	QQ020010.D	1	11/07/06	AF	n/a	n/a	GQQ770

The QC reported here applies to the following samples: **Method:** EPA 601/602

F44838-1, F44838-2, F44838-3, F44838-4, F44838-6, F44838-7

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	98%	71-130%
98-08-8	aaa-Trifluorotoluene	96%	71-124%

Method Blank Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ771-MB	QQ020042.D	1	11/08/06	AF	n/a	n/a	GQQ771

The QC reported here applies to the following samples: Method: EPA 601/602

F44838-5

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	95%	71-130%
98-08-8	aaa-Trifluorotoluene	94%	71-124%

Method Blank Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1418-MB	UV024684.D	1	11/02/06	MM	n/a	n/a	GUV1418

The QC reported here applies to the following samples: Method: MADEP VPH

F44838-1, F44838-2, F44838-3

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	BFB	74%	70-130%
460-00-4	BFB	71%	70-130%

Method Blank Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1419-MB	UV024716.D	1	11/03/06	MM	n/a	n/a	GUV1419

The QC reported here applies to the following samples: Method: MADEP VPH

F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	BFB	79%	70-130%
460-00-4	BFB	76%	70-130%

Blank Spike Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ770-BS	QQ020009.D	1	11/07/06	AF	n/a	n/a	GQQ770

The QC reported here applies to the following samples: Method: EPA 601/602

F44838-1, F44838-2, F44838-3, F44838-4, F44838-6, F44838-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	19.2	96	81-121
108-90-7	Chlorobenzene	20	19.2	96	76-120
95-50-1	1,2-Dichlorobenzene	20	19.3	97	63-127
541-73-1	1,3-Dichlorobenzene	20	19.3	97	70-124
106-46-7	1,4-Dichlorobenzene	20	19.3	97	68-121
100-41-4	Ethylbenzene	20	19.1	96	79-124
1634-04-4	Methyl Tert Butyl Ether	20	18.9	95	73-118
108-88-3	Toluene	20	19.1	96	79-122
1330-20-7	Xylenes (total)	60	57.0	95	79-121

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	102%	71-130%
98-08-8	aaa-Trifluorotoluene	96%	71-124%

Blank Spike Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ771-BS	QQ020041.D	1	11/08/06	AF	n/a	n/a	GQQ771

The QC reported here applies to the following samples: Method: EPA 601/602

F44838-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	19.4	97	81-121
108-90-7	Chlorobenzene	20	19.3	97	76-120
95-50-1	1,2-Dichlorobenzene	20	18.9	95	63-127
541-73-1	1,3-Dichlorobenzene	20	19.4	97	70-124
106-46-7	1,4-Dichlorobenzene	20	19.5	98	68-121
100-41-4	Ethylbenzene	20	19.3	97	79-124
1634-04-4	Methyl Tert Butyl Ether	20	18.6	93	73-118
108-88-3	Toluene	20	19.3	97	79-122
1330-20-7	Xylenes (total)	60	57.5	96	79-121

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	101%	71-130%
98-08-8	aaa-Trifluorotoluene	96%	71-124%

Blank Spike Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1418-BS	UV024683.D	1	11/02/06	MM	n/a	n/a	GUV1418

The QC reported here applies to the following samples: Method: MADEP VPH

F44838-1, F44838-2, F44838-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C5- C8 Aliphatics (Unadj.)	480	552	115	70-130
	C9- C12 Aliphatics (Unadj.)	480	490	102	70-130
	C9- C10 Aromatics (Unadj.)	80	79.5	99	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	BFB	100%	70-130%
460-00-4	BFB	94%	70-130%

Blank Spike Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1419-BS	UV024715.D	1	11/03/06	MM	n/a	n/a	GUV1419

The QC reported here applies to the following samples: Method: MADEP VPH

F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C5- C8 Aliphatics (Unadj.)	480	584	122	70-130
	C9- C12 Aliphatics (Unadj.)	480	505	105	70-130
	C9- C10 Aromatics (Unadj.)	80	82.2	103	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	BFB	108%	70-130%
460-00-4	BFB	103%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44826-3MS	QQ020021.D	1	11/07/06	AF	n/a	n/a	GQQ770
F44826-3MSD	QQ020022.D	1	11/07/06	AF	n/a	n/a	GQQ770
F44826-3	QQ020017.D	1	11/07/06	AF	n/a	n/a	GQQ770

The QC reported here applies to the following samples: Method: EPA 601/602

F44838-1, F44838-2, F44838-3, F44838-4, F44838-6, F44838-7

CAS No.	Compound	F44826-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	18.9	95	18.9	95	0	74-126/11
108-90-7	Chlorobenzene	ND		20	18.8	94	19.0	95	1	72-124/8
95-50-1	1,2-Dichlorobenzene	ND		20	18.7	94	18.9	95	1	55-136/13
541-73-1	1,3-Dichlorobenzene	ND		20	18.9	95	19.2	96	2	65-132/16
106-46-7	1,4-Dichlorobenzene	ND		20	19.0	95	19.1	96	1	61-133/11
100-41-4	Ethylbenzene	ND		20	18.7	94	18.9	95	1	71-131/8
1634-04-4	Methyl Tert Butyl Ether	ND		20	19.1	96	18.5	93	3	63-130/11
108-88-3	Toluene	ND		20	18.8	94	18.9	95	1	69-132/7
1330-20-7	Xylenes (total)	ND		60	55.9	93	56.4	94	1	71-127/8

CAS No.	Surrogate Recoveries	MS	MSD	F44826-3	Limits
460-00-4	4-Bromofluorobenzene	101%	105%	98%	71-130%
98-08-8	aaa-Trifluorotoluene	96%	99%	95%	71-124%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44942-2MS	QQ020050.D	1	11/08/06	AF	n/a	n/a	GQQ771
F44942-2MSD	QQ020051.D	1	11/08/06	AF	n/a	n/a	GQQ771
F44942-2	QQ020045.D	1	11/08/06	AF	n/a	n/a	GQQ771

The QC reported here applies to the following samples: Method: EPA 601/602

F44838-5

CAS No.	Compound	F44942-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	18.7	94	18.7	94	0	74-126/11
108-90-7	Chlorobenzene	ND		20	18.6	93	18.8	94	1	72-124/8
95-50-1	1,2-Dichlorobenzene	ND		20	19.7	99	19.9	100	1	55-136/13
541-73-1	1,3-Dichlorobenzene	ND		20	18.7	94	18.9	95	1	65-132/16
106-46-7	1,4-Dichlorobenzene	ND		20	18.6	93	18.8	94	1	61-133/11
100-41-4	Ethylbenzene	ND		20	18.4	92	18.5	93	1	71-131/8
1634-04-4	Methyl Tert Butyl Ether	ND		20	18.2	91	17.7	89	3	63-130/11
108-88-3	Toluene	ND		20	18.7	94	18.8	94	1	69-132/7
1330-20-7	Xylenes (total)	ND		60	54.7	91	55.1	92	1	71-127/8

CAS No.	Surrogate Recoveries	MS	MSD	F44942-2	Limits
460-00-4	4-Bromofluorobenzene	100%	105%	97%	71-130%
98-08-8	aaa-Trifluorotoluene	94%	98%	94%	71-124%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44722-1MS	UV024709.D	1	11/02/06	MM	n/a	n/a	GUV1418
F44722-1MSD	UV024710.D	1	11/02/06	MM	n/a	n/a	GUV1418
F44722-1	UV024685.D	1	11/02/06	MM	n/a	n/a	GUV1418

The QC reported here applies to the following samples: Method: MADEP VPH

F44838-1, F44838-2, F44838-3

CAS No.	Compound	F44722-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C5- C8 Aliphatics (Unadj.)	ND		480	492	103	432	90	13	70-130/50
	C9- C12 Aliphatics (Unadj.)	ND		480	436	91	408	85	7	70-130/50
	C9- C10 Aromatics (Unadj.)	ND		80	74.6	93	71.4	89	4	70-130/50

CAS No.	Surrogate Recoveries	MS	MSD	F44722-1	Limits
460-00-4	BFB	86%	85%	80%	70-130%
460-00-4	BFB	85%	82%	76%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44722-3MS	UV024729.D	1	11/03/06	MM	n/a	n/a	GUV1419
F44722-3MSD	UV024730.D	1	11/03/06	MM	n/a	n/a	GUV1419
F44722-3 [a]	UV024717.D	1	11/03/06	MM	n/a	n/a	GUV1419

The QC reported here applies to the following samples: Method: MADEP VPH

F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Compound	F44722-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C5- C8 Aliphatics (Unadj.)	ND		480	471	98	469	98	0	70-130/50
	C9- C12 Aliphatics (Unadj.)	863		480	579	-59*	590	-57*	2	70-130/50
	C9- C10 Aromatics (Unadj.)	515	E	80	186	-411* [b]	198	-396* [b]	6	70-130/50

CAS No.	Surrogate Recoveries	MS	MSD	F44722-3	Limits
460-00-4	BFB	91%	94%	103%	70-130%
460-00-4	BFB	90%	100%	147%*	70-130%

(a) Confirmation run.
(b) Outside control limits due to high level in sample relative to spike amount.

Duplicate Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44722-2DUP	UV024711.D	1	11/02/06	MM	n/a	n/a	GUV1418
F44722-2	UV024686.D	1	11/02/06	MM	n/a	n/a	GUV1418

The QC reported here applies to the following samples: Method: MADEP VPH

F44838-1, F44838-2, F44838-3

CAS No.	Compound	F44722-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C5- C8 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C12 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C10 Aromatics (Unadj.)	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F44722-2	Limits
460-00-4	BFB	76%	82%	70-130%
460-00-4	BFB	73%	78%	70-130%

Duplicate Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44838-7DUP	UV024728.D	1	11/03/06	MM	n/a	n/a	GUV1419
F44838-7	UV024724.D	1	11/03/06	MM	n/a	n/a	GUV1419

The QC reported here applies to the following samples: Method: MADEP VPH

F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Compound	F44838-7 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C5- C8 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C12 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C10 Aromatics (Unadj.)	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F44838-7	Limits
460-00-4	BFB	73%	75%	70-130%
460-00-4	BFB	69%*	74%	70-130%

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18384-MB	ZF22215.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033

The QC reported here applies to the following samples: **Method:** MADEP-EPH-98-1

F44838-1, F44838-2, F44838-3, F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	65%	40-140%
580-13-2	2-Bromonaphthalene	23%*	40-140%
84-15-1	o-Terphenyl	31%*	40-140%
321-60-8	2-Fluorobiphenyl	19%*	40-140%

Method Blank Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18384-MB	ZF22257.D	1	11/10/06	ME	11/02/06	OP18384	GZF1034

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44838-1, F44838-2, F44838-3, F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	101%	40-140%
580-13-2	2-Bromonaphthalene	21%*	40-140%
84-15-1	o-Terphenyl	100%	40-140%
321-60-8	2-Fluorobiphenyl	52%	40-140%

Blank Spike Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18384-BS	ZF22214.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44838-1, F44838-2, F44838-3, F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C11-C22 Aromatics (Unadj.)	850	583	69	40-140
	C9-C18 Aliphatics	300	309	103	40-140
	C19-C36 Aliphatics	400	429	107	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
3386-33-2	1-Chlorooctadecane	76%	40-140%
580-13-2	2-Bromonaphthalene	48%	40-140%
84-15-1	o-Terphenyl	66%	40-140%
321-60-8	2-Fluorobiphenyl	56%	40-140%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18384-MS	ZF22258.D	1	11/10/06	ME	11/02/06	OP18384	GZF1034
OP18384-MSD	ZF22259.D	1	11/10/06	ME	11/02/06	OP18384	GZF1034
F44838-6	ZF22229.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44838-1, F44838-2, F44838-3, F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Compound	F44838-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C11-C22 Aromatics (Unadj.)	309		1670	1790	89	2450	128	31	40-140/50
	C9-C18 Aliphatics	238		588	1040	136	925	117	12	40-140/50
	C19-C36 Aliphatics	ND		784	1360	173*	1070	136	24	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	F44838-6	Limits
3386-33-2	1-Chlorooctadecane	105%	93%	66%	40-140%
580-13-2	2-Bromonaphthalene	25%*	78%	46%	40-140%
84-15-1	o-Terphenyl	82%	108%	44%	40-140%
321-60-8	2-Fluorobiphenyl	78%	82%	45%	40-140%

Duplicate Summary

Job Number: F44838
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18384-DUP	ZF22226.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033
F44838-3	ZF22225.D	1	11/09/06	ME	11/02/06	OP18384	GZF1033

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44838-1, F44838-2, F44838-3, F44838-4, F44838-5, F44838-6, F44838-7

CAS No.	Compound	F44838-3 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C11-C22 Aromatics (Unadj.)	ND		151	J	200*	
	C9-C18 Aliphatics	ND		ND		nc	
	C19-C36 Aliphatics	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F44838-3	Limits
3386-33-2	1-Chlorooctadecane	85%	51%	40-140%
580-13-2	2-Bromonaphthalene	70%	89%	40-140%
84-15-1	o-Terphenyl	51%	86%	40-140%
321-60-8	2-Fluorobiphenyl	57%	92%	40-140%

6.4
6

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

12/01/06

Technical Report for

Shaw E & I, Inc.

Camp Lejeune-Rapid Refueler

119909

Accutest Job Number: F44942

Sampling Date: 10/31/06



Report to:

Shaw E & I, Inc.

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ATTN: Natasha Sullivan

Total number of pages in report: 66

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Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

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Sample Summary

Shaw E & I, Inc.

Job No: F44942

Camp Lejeune-Rapid Refueler
Project No: 119909

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
F44942-1	10/31/06	08:45	MM	11/03/06	AQ	Ground Water	USTRR-MW6G
F44942-2	10/31/06	09:00	MM	11/03/06	AQ	Ground Water	USTRR-MW4G
F44942-3	10/31/06	09:15	MM	11/03/06	AQ	Ground Water	USTRR-MW23
F44942-4	10/31/06	09:45	MM	11/03/06	AQ	Ground Water	USTRR-MW21
F44942-5	10/31/06	10:45	MM	11/03/06	AQ	Ground Water	USTA527-MW04
F44942-6	10/31/06	09:15	MM	11/03/06	AQ	Ground Water	USTA511-MW03

Sample Results

Report of Analysis

Accutest LabLink@57092 14:31 01-Dec-2006

Report of Analysis

Client Sample ID:	USTRR-MW6G		
Lab Sample ID:	F44942-1	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05803.D	1	11/07/06	NJ	11/06/06	OP18422	SR272
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	4.8	ug/l	
95-48-7	2-Methylphenol	ND	4.8	1.9	ug/l	
	3&4-Methylphenol	ND	4.8	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.5	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.5	ug/l	
108-95-2	Phenol	ND	4.8	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.95	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.95	ug/l	
120-12-7	Anthracene	ND	4.8	0.95	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.95	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.95	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.95	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.95	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.95	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.95	ug/l	
106-47-8	4-Chloroaniline	ND	9.5	3.8	ug/l	
86-74-8	Carbazole	ND	4.8	0.95	ug/l	
218-01-9	Chrysene	ND	4.8	0.95	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.95	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW6G		
Lab Sample ID:	F44942-1	Date Sampled:	10/31/06
Matrix:	AQ - Ground Water	Date Received:	11/03/06
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.95	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.95	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.95	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.95	ug/l	
86-73-7	Fluorene	ND	4.8	0.95	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.95	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.8	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	1.9	ug/l	
78-59-1	Isophorone	ND	4.8	0.95	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.95	ug/l	
88-74-4	2-Nitroaniline	ND	9.5	3.8	ug/l	
99-09-2	3-Nitroaniline	ND	9.5	3.8	ug/l	
100-01-6	4-Nitroaniline	ND	9.5	3.8	ug/l	
91-20-3	Naphthalene	ND	4.8	0.95	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.95	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.95	ug/l	
129-00-0	Pyrene	ND	4.8	0.95	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.95	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	29%		19-90%
4165-62-2	Phenol-d5	18%		10-68%
118-79-6	2,4,6-Tribromophenol	72%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blan0
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW6G		
Lab Sample ID:	F44942-1	**Date Sampled:**	16/31/66
Matrix:	AQ - Ground Water	**Date Received:**	11/63/66
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-66-6	Nitrobenzene-d5	55%		49-119%
321-66-8	2-Fluorobiphenyl	55%		45-118%
1718-51-6	Terphenyl-d14	63%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		6	ug/l	

(a) No TICs detected.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW6G		
Lab Sample ID:	F44942-1	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ020033.D	1	11/08/06	AF	n/a	n/a	GQQ770
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%		71-130%
98-08-8	aaa-Trifluorotoluene	99%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW6G		
Lab Sample ID:	F44942-1	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024763.D	1	11/07/06	MM	n/a	n/a	GUV1421
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	22.4	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	79%		70-130%
460-00-4	BFB	77%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW6G		
Lab Sample ID:	F44942-1	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22305.D	1	11/17/06	ME	11/13/06	OP18493	GZF1038
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	58%		40-140%
580-13-2	2-Bromonaphthalene	69%		40-140%
84-15-1	o-Terphenyl	74%		40-140%
321-60-8	2-Fluorobiphenyl	65%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW4G		
Lab Sample ID:	F44942-2	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05804.D	1	11/07/06	NJ	11/06/06	OP18422	SR272
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.5	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	4.8	ug/l	
95-48-7	2-Methylphenol	ND	4.8	1.9	ug/l	
	3&4-Methylphenol	ND	4.8	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.5	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.5	ug/l	
108-95-2	Phenol	ND	4.8	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.95	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.95	ug/l	
120-12-7	Anthracene	ND	4.8	0.95	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.95	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.95	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.95	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.95	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.95	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.95	ug/l	
106-47-8	4-Chloroaniline	ND	9.5	3.8	ug/l	
86-74-8	Carbazole	ND	4.8	0.95	ug/l	
218-01-9	Chrysene	ND	4.8	0.95	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.95	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW4G		
Lab Sample ID:	F44942-2	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.95	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.95	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.5	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.95	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	8.8	4.8	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.95	ug/l	
86-73-7	Fluorene	ND	4.8	0.95	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.95	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.8	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	1.9	ug/l	
78-59-1	Isophorone	ND	4.8	0.95	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.95	ug/l	
88-74-4	2-Nitroaniline	ND	9.5	3.8	ug/l	
99-09-2	3-Nitroaniline	ND	9.5	3.8	ug/l	
100-01-6	4-Nitroaniline	ND	9.5	3.8	ug/l	
91-20-3	Naphthalene	ND	4.8	0.95	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.95	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.95	ug/l	
129-00-0	Pyrene	ND	4.8	0.95	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.95	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	35%		19-90%
4165-62-2	Phenol-d5	21%		10-68%
118-79-6	2,4,6-Tribromophenol	74%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW4G		
Lab Sample ID:	F44:42- 2	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	63%		4:-11:%
321-60-8	2-Fluorobiphenyl	65%		45-118%
1718-51-0	Terphenyl-d14	6:%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
4057	2-Octene, 2,6-dimethyl-	4.16	13	ug/l	JN
4485	3-Heptene, 4-propyl-	4.32	8.8	ug/l	JN
71186	1-Ethyl-2,2,6-trimethylcyclohexane	4.70	20	ug/l	JN
60366	4-Decene, 4-methyl-, (E)-	5.00	27	ug/l	JN
1000155	cis-Decalin, 2-syn-methyl-	5.13	15	ug/l	JN
1000152	trans-Decalin, 2-methyl-	5.22	24	ug/l	JN
17301	Undecane, 2,7-dimethyl-	5.46	11	ug/l	JN
17301	Undecane, 3,6-dimethyl-	5.64	11	ug/l	JN
54676	Cyclohexane, 2-butyl-1,1,3-trimeth	5.76	25	ug/l	JN
42:2	Cyclohexane, hexyl-	5.86	12	ug/l	JN
504	Hexadecane, 2,6,11,15-tetramethyl-	6.02	60	ug/l	JN
17302	Nonane, 4,5-dimethyl-	6.41	:.3	ug/l	JN
630	Hexatriacontane	6.45	12	ug/l	JN
80655	Decahydro-4,4,8,:,10-pe ntamethylna	6.85	16	ug/l	JN
55030	Tridecane, 4,8-dimethyl-	6.:5	27	ug/l	JN
1000156	Tetrapentacontane, 1,54-dibromo-	6.::	:.4	ug/l	JN
80655	Decahydro-4,4,8,:,10-pe ntamethylna	7.26	16	ug/l	JN
544	Hexadecane	7.3:	3:	ug/l	JN
1:047	Phosphonic acid, dioctadecyl ester	7.55	21	ug/l	JN
10544	Cyclic octaatomic sulfur	12.2:	37	ug/l	JN
	Total TIC, Semi-Volatile		413.5	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW4G		
Lab Sample ID:	F44942-2	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ020045.D	1	11/08/06	AF	n/a	n/a	GQQ771
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		71-130%
98-08-8	aaa-Trifluorotoluene	94%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW4G		
Lab Sample ID:	F44942-2	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024776.D	1	11/07/06	MM	n/a	n/a	GUV1421
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	321	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	204	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	82%		70-130%
460-00-4	BFB	93%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW4G		
Lab Sample ID:	F44942-2	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22315.D	5	11/17/06	ME	11/13/06	OP18493	GZF1038
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	979	970	730	ug/l	
	C9-C18 Aliphatics	6660	970	970	ug/l	
	C19-C36 Aliphatics	ND	970	970	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	57%		40-140%
580-13-2	2-Bromonaphthalene	86%		40-140%
84-15-1	o-Terphenyl	70%		40-140%
321-60-8	2-Fluorobiphenyl	73%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW23		
Lab Sample ID:	F44942-3	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	R05805.D	1	11/07/06	NJ	11/06/06	OP18422	SR272
Run #2 [b]	L034720.D	1	11/09/06	NJ	11/09/06	OP18456	SL1783

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2	1020 ml	1.0 ml

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.7	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.9	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.9	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.9	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.7	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.7	4.9	ug/l	
95-48-7	2-Methylphenol	ND	4.9	1.9	ug/l	
	3&4-Methylphenol	ND	4.9	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.7	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.7	ug/l	
108-95-2	Phenol	ND	4.9	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.9	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.97	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.97	ug/l	
120-12-7	Anthracene	ND	4.9	0.97	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.97	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.97	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.97	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.97	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.9	0.97	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.9	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.97	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.97	ug/l	
106-47-8	4-Chloroaniline	ND	9.7	3.9	ug/l	
86-74-8	Carbazole	ND	4.9	0.97	ug/l	
218-01-9	Chrysene	ND	4.9	0.97	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.97	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW23		
Lab Sample ID:	F44942-3	Date Sampled:	10/31/06
Matrix:	AQ - Ground Water	Date Received:	11/03/06
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.9	0.97	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.9	0.97	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.97	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.97	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.97	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.7	4.9	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.9	0.97	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.9	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.9	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.9	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.9	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.97	ug/l	
86-73-7	Fluorene	ND	4.9	0.97	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.97	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.9	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.9	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	1.9	ug/l	
78-59-1	Isophorone	ND	4.9	0.97	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.9	0.97	ug/l	
88-74-4	2-Nitroaniline	ND	9.7	3.9	ug/l	
99-09-2	3-Nitroaniline	ND	9.7	3.9	ug/l	
100-01-6	4-Nitroaniline	ND	9.7	3.9	ug/l	
91-20-3	Naphthalene	ND	4.9	0.97	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.97	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.9	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.97	ug/l	
129-00-0	Pyrene	ND	4.9	0.97	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.97	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	17%	28%	19-90%
4165-62-2	Phenol-d5	11%	18%	10-68%
118-79-6	2,4,6-Tribromophenol	46%	52%	36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW23		
Lab Sample ID:	F44942-3	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	58%	64%	49-119%
321-60-8	2-Fluorobiphenyl	56%	46%	45-118%
1718-51-0	Terphenyl-d14	50%	33%	46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
496	Indane	4.63	8	ug/l	JN
135	Benzene, 1,2-diethyl-	4.76	9	ug/l	JN
2039	Benzene, 2-ethenyl-1,4-dimethyl-	5.32	11	ug/l	JN
119	Naphthalene, 1,2,3,4-tetrahydro-	5.41	8.2	ug/l	JN
62016	Octane, 2,3,7-trimethyl-	6.01	9.1	ug/l	JN
2809	Naphthalene, 1,2,3,4-tetrahydro-5-	6.24	6.5	ug/l	JN
629	Tetradecane	6.93	5.7	ug/l	JN
1011	Cyclohexanone, 2-cyclohexylidene-	7.97	26	ug/l	JN
19924	(3-Methoxyphenyl)acetonitrile	8.31	14	ug/l	JN
3674	1,3-Dioxolane, 2-methyl-2-phenyl-	8.37	6.9	ug/l	JN
19851	1,3-Benzenedimethanamine, N,N,N',N	8.78	9.9	ug/l	JN
10544	Cyclic octaatomic sulfur	12.29	13	ug/l	JN
	Total TIC, Semi-Volatile		127.3	ug/l	J

(a) Confirmed ND by re-extraction and reanalysis beyond holdtime.
(b) Confirmation run.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW23		
Lab Sample ID:	F44942-3	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ020046.D	1	11/08/06	AF	n/a	n/a	GQQ771
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.53	1.0	0.50	ug/l	J
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	18.9	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	8.8	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%		71-130%
98-08-8	aaa-Trifluorotoluene	97%		71-124%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW23		
Lab Sample ID:	F44942-3	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024780.D	2	11/07/06	MM	n/a	n/a	GUV1421
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	150	100	ug/l	
	C9- C12 Aliphatics (Unadj.)	698	110	60	ug/l	
	C9- C10 Aromatics (Unadj.)	602	40	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	89%		70-130%
460-00-4	BFB	90%		70-130%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW23		
Lab Sample ID:	F44942-3	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22316.D	1	11/17/06	ME	11/13/06	OP18493	GZF1038
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	719	200	150	ug/l	
	C9-C18 Aliphatics	905	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	40%		40-140%
580-13-2	2-Bromonaphthalene	68%		40-140%
84-15-1	o-Terphenyl	50%		40-140%
321-60-8	2-Fluorobiphenyl	60%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW21		
Lab Sample ID:	F44942-4	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05806.D	1	11/07/06	NJ	11/06/06	OP18422	SR272
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	9.8	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.9	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.9	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.9	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	9.8	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.8	4.9	ug/l	
95-48-7	2-Methylphenol	ND	4.9	2.0	ug/l	
	3&4-Methylphenol	ND	4.9	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	9.8	ug/l	
87-86-5	Pentachlorophenol	ND	25	9.8	ug/l	
108-95-2	Phenol	ND	4.9	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.9	2.0	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.98	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.98	ug/l	
120-12-7	Anthracene	ND	4.9	0.98	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.98	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.98	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.98	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.98	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.9	0.98	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.9	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.98	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.98	ug/l	
106-47-8	4-Chloroaniline	ND	9.8	3.9	ug/l	
86-74-8	Carbazole	ND	4.9	0.98	ug/l	
218-01-9	Chrysene	ND	4.9	0.98	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.98	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW21		
Lab Sample ID:	F44942-4	Date Sampled:	10/31/06
Matrix:	AQ - Ground Water	Date Received:	11/03/06
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.9	0.98	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.9	0.98	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.98	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.98	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.98	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.8	4.9	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	2.0	ug/l	
132-64-9	Dibenzofuran	ND	4.9	0.98	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.9	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.9	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	4.9	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.9	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	2.5	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.98	ug/l	
86-73-7	Fluorene	ND	4.9	0.98	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.98	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.9	2.0	ug/l	
67-72-1	Hexachloroethane	ND	4.9	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	2.0	ug/l	
78-59-1	Isophorone	ND	4.9	0.98	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.9	0.98	ug/l	
88-74-4	2-Nitroaniline	ND	9.8	3.9	ug/l	
99-09-2	3-Nitroaniline	ND	9.8	3.9	ug/l	
100-01-6	4-Nitroaniline	ND	9.8	3.9	ug/l	
91-20-3	Naphthalene	ND	4.9	0.98	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.98	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.9	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	2.0	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.98	ug/l	
129-00-0	Pyrene	ND	4.9	0.98	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	34%		19-90%
4165-62-2	Phenol-d5	21%		10-68%
118-79-6	2,4,6-Tribromophenol	72%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW21		
Lab Sample ID:	F44942-4	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	68%		49-119%
321-60-8	2-Fluorobiphenyl	69%		45-118%
1718-51-0	Terphenyl-d14	69%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW21		
Lab Sample ID:	F44942-4	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ020034.D	1	11/08/06	AF	n/a	n/a	GQQ770
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		71-130%
98-08-8	aaa-Trifluorotoluene	95%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTRR-MW21		
Lab Sample ID:	F44942-4	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024766.D	1	11/07/06	MM	n/a	n/a	GUV1421
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	76%		70-130%
460-00-4	BFB	75%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTRR-MW21		
Lab Sample ID:	F44942-4	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22308.D	1	11/17/06	ME	11/13/06	OP18493	GZF1038
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	68%		40-140%
580-13-2	2-Bromonaphthalene	87%		40-140%
84-15-1	o-Terphenyl	69%		40-140%
321-60-8	2-Fluorobiphenyl	62%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTA527-MW04		
Lab Sample ID:	F44942-5	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05807.D	1	11/07/06	NJ	11/06/06	OP18422	SR272
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	28	11	ug/l	
95-57-8	2-Chlorophenol	ND	5.6	2.2	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.6	2.2	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.6	2.2	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.6	2.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	28	11	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	11	5.6	ug/l	
95-48-7	2-Methylphenol	ND	5.6	2.2	ug/l	
	3&4-Methylphenol	ND	5.6	2.2	ug/l	
88-75-5	2-Nitrophenol	ND	5.6	2.2	ug/l	
100-02-7	4-Nitrophenol	ND	28	11	ug/l	
87-86-5	Pentachlorophenol	ND	28	11	ug/l	
108-95-2	Phenol	ND	5.6	2.2	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.6	2.2	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.6	2.2	ug/l	
83-32-9	Acenaphthene	ND	5.6	1.1	ug/l	
208-96-8	Acenaphthylene	ND	5.6	1.1	ug/l	
120-12-7	Anthracene	ND	5.6	1.1	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.6	1.1	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.6	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.6	1.1	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.6	2.2	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.6	1.1	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.6	1.1	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.6	2.2	ug/l	
100-51-6	Benzyl Alcohol	ND	5.6	1.1	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.6	1.1	ug/l	
106-47-8	4-Chloroaniline	ND	11	4.4	ug/l	
86-74-8	Carbazole	ND	5.6	1.1	ug/l	
218-01-9	Chrysene	ND	5.6	1.1	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.6	1.1	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.6	2.2	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTA527-MW04		
Lab Sample ID:	F44942-5	**Date Sampled:**	10/31/06
Matrix:	AQ - Groud W ater	**Date Received:**	11/03/06
Method:	EPA 625 EPA 625	**Percent Solids:**	/a
Project:	Camp Lejeue -Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.6	1.1	ug/l	
7005-72-3	4-Chloropheyl phe yl ether	ND	5.6	1.1	ug/l	
95-50-1	1,2-Dichlorobeze e	ND	5.6	1.1	ug/l	
541-73-1	1,3-Dichlorobeze e	ND	5.6	1.1	ug/l	
106-46-7	1,4-Dichlorobeze e	ND	5.6	1.1	ug/l	
121-14-2	2,4-Dii trotoluee	ND	5.6	2.2	ug/l	
606-20-2	2,6-Dii trotoluee	ND	5.6	2.2	ug/l	
91-94-1	3,3'-Dichlorobezidie	ND	11	5.6	ug/l	
53-70-3	Dibez o(a,h)athra cee	ND	5.6	2.2	ug/l	
132-64-9	Dibez ofura	ND	5.6	1.1	ug/l	
84-74-2	Di- -butyl phthalate	ND	5.6	2.2	ug/l	
117-84-0	Di- -octyl phthalate	ND	5.6	2.8	ug/l	
84-66-2	Diethyl phthalate	ND	5.6	2.2	ug/l	
131-11-3	Dimethyl phthalate	ND	5.6	2.2	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.6	2.8	ug/l	
206-44-0	Fluorat hee	ND	5.6	1.1	ug/l	
86-73-7	Fluoree	ND	5.6	1.1	ug/l	
118-74-1	Hexachlorobez ee	ND	5.6	1.1	ug/l	
87-68-3	Hexachlorobutadiee	ND	5.6	2.2	ug/l	
77-47-4	Hexachlorocyclopeta diee	ND	5.6	2.2	ug/l	
67-72-1	Hexachloroethae	ND	5.6	2.2	ug/l	
193-39-5	Ide o(1,2,3-c d)pyree	ND	5.6	2.2	ug/l	
78-59-1	Isophoro e	ND	5.6	1.1	ug/l	
91-57-6	2-Methyla phthalee	ND	5.6	1.1	ug/l	
88-74-4	2-Nitroail ie	ND	11	4.4	ug/l	
99-09-2	3-Nitroail ie	ND	11	4.4	ug/l	
100-01-6	4-Nitroail ie	ND	11	4.4	ug/l	
91-20-3	Naphthalee	ND	5.6	1.1	ug/l	
98-95-3	Nitrobeze e	ND	5.6	1.1	ug/l	
621-64-7	N-Nitroso-di--propylam ie	ND	5.6	2.2	ug/l	
86-30-6	N-Nitrosodipheyl amie	ND	5.6	2.2	ug/l	
85-01-8	Phe athre e	ND	5.6	1.1	ug/l	
129-00-0	Pyree	ND	5.6	1.1	ug/l	
120-82-1	1,2,4-Trichlorobez ee	ND	5.6	1.1	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluoropheol	43%		19-90%
4165-62-2	Phe ol-d5	26%		10-68%
118-79-6	2,4,6-Tribromopheol	73%		36-137%

ND = Not detected MDL - Method Detectio Lim it
RL = Reportig Limit
E = Idi cates value exceeds calibratio rag e

J = Idica tes a estimated value
B = Idi cates aa lyte foud i a ssociated method blak
N = Idic ates presumptive evidec e of a compoud

Report of Analysis

Client Sample ID:	USTA527-MW04		
Lab Sample ID:	F44942-5	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	67%		49-119%
321-60-8	2-Fluorobiphenyl	68%		45-118%
1718-51-0	Terphenyl-d14	68%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTA527-MW04		
Lab Sample ID:	F44942-5	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ020035.D	1	11/08/06	AF	n/a	n/a	GQQ770
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		71-130%
98-08-8	aaa-Trifluorotoluene	96%		71-124%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTA527-MW04		
Lab Sample ID:	F44942-5	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV024771.D	1	11/07/06	MM	n/a	n/a	GUV1421
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	75%		70-130%
460-00-4	BFB	74%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTA527-MW04		
Lab Sample ID:	F44942-5	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22310.D	1	11/17/06	ME	11/13/06	OP18493	GZF1038
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	64%		40-140%
580-13-2	2-Bromonaphthalene	73%		40-140%
84-15-1	o-Terphenyl	63%		40-140%
321-60-8	2-Fluorobiphenyl	67%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	USTA511-MW03		
Lab Sample ID:	F44942-6	**Date Sampled:**	10/31/06
Matrix:	AQ - Ground Water	**Date Received:**	11/03/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp Lejeune-Rapid Refueler		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R05810.D	1	11/07/06	NJ	11/06/06	OP18422	SR272
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	9.9	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	9.9	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.9	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	9.9	ug/l	
87-86-5	Pentachlorophenol	ND	25	9.9	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	0.99	ug/l	
208-96-8	Acenaphthylene	ND	5.0	0.99	ug/l	
120-12-7	Anthracene	ND	5.0	0.99	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	0.99	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	0.99	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	0.99	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	0.99	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.99	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.99	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.99	ug/l	
106-47-8	4-Chloroaniline	ND	9.9	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	0.99	ug/l	
218-01-9	Chrysene	ND	5.0	0.99	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.99	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTA511-MW03		
Lab Sample ID:	F44942-6	Date Sampled:	10/31/06
Matrix:	AQ - Ground Water	Date Received:	11/03/06
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.99	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.99	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.99	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.99	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.99	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.9	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.99	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	0.99	ug/l	
86-73-7	Fluorene	ND	5.0	0.99	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.99	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	0.99	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	0.99	ug/l	
88-74-4	2-Nitroaniline	ND	9.9	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	9.9	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	9.9	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.99	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.99	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	0.99	ug/l	
129-00-0	Pyrene	ND	5.0	0.99	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.99	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	31%		19-90%
4165-62-2	Phenol-d5	19%		10-68%
118-79-6	2,4,6-Tribromophenol	61%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	USTA511-MW03		
Lab Sample ID:	F44942-6	Date Sampled:	10/31/06
Matrix:	AQ - Ground Water	Date Received:	11/03/06
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp Lejeune-Rapid Refueler		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	57%		49-119%
321-60-8	2-Fluorobiphenyl	56%		45-118%
1718-51-0	Terphenyl-d14	60%		46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

COC Number:
119909-RR-103106-1

F44942

Shaw Environmental & Infrastructure, Inc.

CHAIN-OF-CUSTODY RECORD

Shaw E & I - Piney Green Rd. Lot 203 Bld 626 - 910-451-2390

Receiving LAB: Accutest

Project Name	Project Location
CAMP LEJEUNE - RR	CAMP LEJEUNE, NC

Project Number	Contact	P.O. Number	Reviewed by
119909	Mark Martin	200935	

Client Rep	Project Manager
US NAVY - LANTDIV	Ron Kenyon

Item No.	Sample Number	Date	Time	Comp	Grab	Sample Description	Number of Containers	Analysis Desired: 602 w/ Xylenes & MT	625 plus TICS	MADEP EPH	MADEP VPH
1	USTRR-MW6G	10/31/06	8:45		X	USTRR-MW15	10	X	X	X	X
2	USTRR-MW4G	10/31/06	9:00		X	USTRR-MW14	10	X	X	X	X
3	USTRR-MW23	10/31/06	9:15		X	USTRR-MW11	10	X	X	X	X
4	USTRR-MW21	10/31/06	9:45		X	USTRR-MW05	10	X	X	X	X
5	USTA527-MW04	10/31/06	10:45		X	USTRR-MW10	10	X	X	X	X
6	USTA511-MW03	11/1/06	009:15		X	USTA511-MW03	2		X		
7											
8											
9											
10											

Transfer Number	Item Number	Transfers Relinquished By	Transfers Accepted By	Date	Time
1	1 -- 6		FedEx 8581 0350 0209	11/1/06	16:00
2				11/2/06	9:00
3					

Remarks

14 Day TAT
NEESA LEVEL C

3.0 1.2

F44942: Chain of Custody
Page 1 of 2

ACCUTEST
F44942

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F44942 CLIENT: Shaw PROJECT: Camp Lejeune

DATE/TIME RECEIVED: 11/3/06 9:00 # OF COOLERS RECEIVED: 2 COOLER TEMPS: 1.2, 3.0

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 858103500626 / 858103500209

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [X] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [X] TRIP BLANK NOT ON COC
- [X] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [X] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DOES NOT MATCH LABEL(S)
- [ ] ID'S ON COC DOES NOT MATCH LABEL(S)
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [X] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

19355

MISC. INFORMATION

NUMBER OF ENCORES ? 0

NUMBER OF 5035 FIELD KITS ? 2

NUMBER OR LAB FILTERED METALS ? 2

SUMMARY OF COMMENTS: Sample 5 one vial received broken for 602 + one vial broken for VPH

TECHNICIAN SIGNATURE/DATE JG 11/3/06 TECHNICIAN SIGNATURE/DATE ASBD 10/03/06

3.1 3

F44942: Chain of Custody
Page 2 of 2

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18422-MB	R05801.D	1	11/07/06	NJ	11/06/06	OP18422	SR272

The QC reported here applies to the following samples: Method: EPA 625

F44942-1, F44942-2, F44942-3, F44942-4, F44942-5, F44942-6

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18422-MB	R05801.D	1	11/07/06	NJ	11/06/06	OP18422	SR272

The QC reported here applies to the following samples: Method: EPA 625

F44942-1, F44942-2, F44942-3, F44942-4, F44942-5, F44942-6

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	35%	19-90%
4165-62-2	Phenol-d5	21%	10-68%

Method Blank Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18422-MB	R05801.D	1	11/07/06	NJ	11/06/06	OP18422	SR272

The QC reported here applies to the following samples: Method: EPA 625

F44942-1, F44942-2, F44942-3, F44942-4, F44942-5, F44942-6

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	65%	36-137%
4165-60-0	Nitrobenzene-d5	62%	49-119%
321-60-8	2-Fluorobiphenyl	62%	45-118%
1718-51-0	Terphenyl-d14	66%	46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

Blank Spike Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18422-BS	R05800.D	1	11/07/06	NJ	11/06/06	OP18422	SR272

The QC reported here applies to the following samples: Method: EPA 625

F44942-1, F44942-2, F44942-3, F44942-4, F44942-5, F44942-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	17.6	18	10-50
95-57-8	2-Chlorophenol	50	35.4	71	57-100
59-50-7	4-Chloro-3-methyl phenol	50	38.3	77	63-105
120-83-2	2,4-Dichlorophenol	50	38.6	77	65-106
105-67-9	2,4-Dimethylphenol	50	29.8	60	49-90
51-28-5	2,4-Dinitrophenol	100	75.0	75	26-125
534-52-1	4,6-Dinitro-o-cresol	100	83.3	83	56-121
95-48-7	2-Methylphenol	50	30.4	61	48-90
	3&4-Methylphenol	100	59.0	59	43-94
88-75-5	2-Nitrophenol	50	36.8	74	62-107
100-02-7	4-Nitrophenol	100	32.1	32	19-66
87-86-5	Pentachlorophenol	100	83.7	84	62-120
108-95-2	Phenol	50	17.4	35	20-65
95-95-4	2,4,5-Trichlorophenol	50	38.9	78	67-103
88-06-2	2,4,6-Trichlorophenol	50	38.7	77	68-104
83-32-9	Acenaphthene	50	40.1	80	67-101
208-96-8	Acenaphthylene	50	39.2	78	65-100
120-12-7	Anthracene	50	41.5	83	71-103
56-55-3	Benzo(a)anthracene	50	35.5	71	71-105
50-32-8	Benzo(a)pyrene	50	40.5	81	67-106
205-99-2	Benzo(b)fluoranthene	50	40.8	82	68-108
191-24-2	Benzo(g,h,i)perylene	50	40.6	81	65-110
207-08-9	Benzo(k)fluoranthene	50	41.7	83	69-110
101-55-3	4-Bromophenyl phenyl ether	50	40.9	82	71-106
85-68-7	Butyl benzyl phthalate	50	35.1	70	66-110
100-51-6	Benzyl Alcohol	50	34.5	69	36-101
91-58-7	2-Chloronaphthalene	50	37.9	76	62-99
106-47-8	4-Chloroaniline	50	38.5	77	58-101
86-74-8	Carbazole	50	40.7	81	73-106
218-01-9	Chrysene	50	36.5	73	71-105
111-91-1	bis(2-Chloroethoxy)methane	50	34.4	69	56-101
111-44-4	bis(2-Chloroethyl)ether	50	37.5	75	60-108
108-60-1	bis(2-Chloroisopropyl)ether	50	34.1	68	49-108
7005-72-3	4-Chlorophenyl phenyl ether	50	39.6	79	69-106
95-50-1	1,2-Dichlorobenzene	50	37.0	74	48-98
541-73-1	1,3-Dichlorobenzene	50	37.3	75	44-95

Blank Spike Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18422-BS	R05800.D	1	11/07/06	NJ	11/06/06	OP18422	SR272

The QC reported here applies to the following samples: Method: EPA 625

F44942-1, F44942-2, F44942-3, F44942-4, F44942-5, F44942-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-46-7	1,4-Dichlorobenzene	50	37.0	74	46-96
121-14-2	2,4-Dinitrotoluene	50	39.5	79	64-107
606-20-2	2,6-Dinitrotoluene	50	37.8	76	64-102
91-94-1	3,3'-Dichlorobenzidine	50	34.3	69	54-109
53-70-3	Dibenzo(a,h)anthracene	50	40.4	81	61-112
132-64-9	Dibenzofuran	50	38.8	78	70-102
84-74-2	Di-n-butyl phthalate	50	39.5	79	69-109
117-84-0	Di-n-octyl phthalate	50	41.7	83	63-125
84-66-2	Diethyl phthalate	50	39.9	80	66-111
131-11-3	Dimethyl phthalate	50	39.0	78	66-109
117-81-7	bis(2-Ethylhexyl)phthalate	50	36.1	72	66-114
206-44-0	Fluoranthene	50	42.0	84	71-108
86-73-7	Fluorene	50	41.1	82	68-102
118-74-1	Hexachlorobenzene	50	40.2	80	69-103
87-68-3	Hexachlorobutadiene	50	36.4	73	48-100
77-47-4	Hexachlorocyclopentadiene	50	25.5	51	20-85
67-72-1	Hexachloroethane	50	35.7	71	41-98
193-39-5	Indeno(1,2,3-cd)pyrene	50	40.7	81	66-112
78-59-1	Isophorone	50	38.7	77	62-105
91-57-6	2-Methylnaphthalene	50	39.3	79	62-105
88-74-4	2-Nitroaniline	50	39.2	78	66-105
99-09-2	3-Nitroaniline	50	38.7	77	56-104
100-01-6	4-Nitroaniline	50	39.1	78	62-110
91-20-3	Naphthalene	50	37.5	75	56-99
98-95-3	Nitrobenzene	50	37.1	74	60-102
621-64-7	N-Nitroso-di-n-propylamine	50	37.8	76	56-101
86-30-6	N-Nitrosodiphenylamine	50	39.2	78	69-106
85-01-8	Phenanthrene	50	41.0	82	71-104
129-00-0	Pyrene	50	36.5	73	67-108
120-82-1	1,2,4-Trichlorobenzene	50	37.4	75	52-99

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	47%	19-90%
4165-62-2	Phenol-d5	30%	10-68%

Blank Spike Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18422-BS	R05800.D	1	11/07/06	NJ	11/06/06	OP18422	SR272

The QC reported here applies to the following samples: Method: EPA 625

F44942-1, F44942-2, F44942-3, F44942-4, F44942-5, F44942-6

CAS No.	Surrogate Recoveries	BSP	Limits
118-79-6	2,4,6-Tribromophenol	83%	36-137%
4165-60-0	Nitrobenzene-d5	72%	49-119%
321-60-8	2-Fluorobiphenyl	72%	45-118%
1718-51-0	Terphenyl-d14	72%	46-135%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18422-MS	R05808.D	1	11/07/06	NJ	11/06/06	OP18422	SR272
OP18422-MSD	R05809.D	1	11/07/06	NJ	11/06/06	OP18422	SR272
F44942-5	R05807.D	1	11/07/06	NJ	11/06/06	OP18422	SR272

The QC reported here applies to the following samples: Method: EPA 625

F44942-1, F44942-2, F44942-3, F44942-4, F44942-5, F44942-6

CAS No.	Compound	F44942-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND		196	53.1	27	58.8	30	10	10-80/45
95-57-8	2-Chlorophenol	ND		98	60.8	62	65.7	67	8	43-109/27
59-50-7	4-Chloro-3-methyl phenol	ND		98	68.6	70	73.1	75	6	57-109/20
120-83-2	2,4-Dichlorophenol	ND		98	64.8	66	70.9	72	9	49-114/23
105-67-9	2,4-Dimethylphenol	ND		98	49.9	51	54.8	56	9	32-103/24
51-28-5	2,4-Dinitrophenol	ND		196	130	66	142	72	9	20-131/28
534-52-1	4,6-Dinitro-o-cresol	ND		196	149	76	162	83	8	46-130/23
95-48-7	2-Methylphenol	ND		98	54.6	56	61.5	63	12	40-102/25
	3&4-Methylphenol	ND		196	115	59	126	64	9	39-97/24
88-75-5	2-Nitrophenol	ND		98	62.0	63	67.6	69	9	46-115/26
100-02-7	4-Nitrophenol	ND		196	86.4	44	90.8	46	5	28-81/30
87-86-5	Pentachlorophenol	ND		196	148	75	158	81	7	53-128/22
108-95-2	Phenol	ND		98	41.5	42	43.8	45	5	19-81/33
95-95-4	2,4,5-Trichlorophenol	ND		98	66.0	67	71.0	72	7	56-110/19
88-06-2	2,4,6-Trichlorophenol	ND		98	66.5	68	70.7	72	6	55-112/19
83-32-9	Acenaphthene	ND		98	70.1	72	74.9	76	7	58-109/18
208-96-8	Acenaphthylene	ND		98	68.4	70	72.9	74	6	59-103/18
120-12-7	Anthracene	ND		98	75.9	77	79.2	81	4	65-108/16
56-55-3	Benzo(a)anthracene	ND		98	63.9	65*	68.5	70	7	68-106/17
50-32-8	Benzo(a)pyrene	ND		98	72.2	74	77.5	79	7	61-108/18
205-99-2	Benzo(b)fluoranthene	ND		98	73.6	75	78.3	80	6	65-109/18
191-24-2	Benzo(g,h,i)perylene	ND		98	73.5	75	77.0	79	5	60-114/19
207-08-9	Benzo(k)fluoranthene	ND		98	76.1	78	82.0	84	7	66-111/17
101-55-3	4-Bromophenyl phenyl ether	ND		98	71.9	73	77.8	79	8	68-108/17
85-68-7	Butyl benzyl phthalate	ND		98	61.6	63*	66.6	68	8	64-111/18
100-51-6	Benzyl Alcohol	ND		98	60.9	62	68.6	70	12	44-105/26
91-58-7	2-Chloronaphthalene	ND		98	66.0	67	70.6	72	7	57-102/20
106-47-8	4-Chloroaniline	ND		98	60.4	62	63.7	65	5	37-106/27
86-74-8	Carbazole	ND		98	73.9	75	77.7	79	5	68-111/16
218-01-9	Chrysene	ND		98	66.9	68*	71.6	73	7	69-106/17
111-91-1	bis(2-Chloroethoxy)methane	ND		98	58.3	59	62.9	64	8	46-106/24
111-44-4	bis(2-Chloroethyl)ether	ND		98	63.4	65	68.3	70	7	48-114/28
108-60-1	bis(2-Chloroisopropyl)ether	ND		98	57.5	59	63.1	64	9	43-110/26
7005-72-3	4-Chlorophenyl phenyl ether	ND		98	70.8	72	77.0	79	8	66-107/17
95-50-1	1,2-Dichlorobenzene	ND		98	64.0	65	70.0	71	9	45-103/24
541-73-1	1,3-Dichlorobenzene	ND		98	62.2	63	68.6	70	10	42-100/24

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18422-MS	R05808.D	1	11/07/06	NJ	11/06/06	OP18422	SR272
OP18422-MSD	R05809.D	1	11/07/06	NJ	11/06/06	OP18422	SR272
F44942-5	R05807.D	1	11/07/06	NJ	11/06/06	OP18422	SR272

The QC reported here applies to the following samples: Method: EPA 625

F44942-1, F44942-2, F44942-3, F44942-4, F44942-5, F44942-6

CAS No.	Compound	F44942-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
106-46-7	1,4-Dichlorobenzene	ND		98	63.1	64	69.9	71	10	43-102/24
121-14-2	2,4-Dinitrotoluene	ND		98	70.9	72	75.2	77	6	60-108/18
606-20-2	2,6-Dinitrotoluene	ND		98	67.3	69	71.9	73	7	59-105/18
91-94-1	3,3'-Dichlorobenzidine	ND		98	56.6	58	59.3	60	5	21-120/24
53-70-3	Dibenzo(a,h)anthracene	ND		98	73.1	75	77.5	79	6	59-112/18
132-64-9	Dibenzofuran	ND		98	68.7	70	73.0	74	6	65-105/17
84-74-2	Di-n-butyl phthalate	ND		98	70.1	72	75.2	77	7	68-109/18
117-84-0	Di-n-octyl phthalate	ND		98	71.5	73	77.3	79	8	59-127/23
84-66-2	Diethyl phthalate	ND		98	71.1	73	77.1	79	8	64-111/18
131-11-3	Dimethyl phthalate	ND		98	69.6	71	76.0	78	9	63-109/17
117-81-7	bis(2-Ethylhexyl)phthalate	ND		98	62.3	64	67.1	68	7	58-119/21
206-44-0	Fluoranthene	ND		98	76.3	78	81.5	83	7	68-110/18
86-73-7	Fluorene	ND		98	72.4	74	77.4	79	7	62-106/17
118-74-1	Hexachlorobenzene	ND		98	72.4	74	77.4	79	7	66-106/16
87-68-3	Hexachlorobutadiene	ND		98	62.0	63	68.0	69	9	46-107/26
77-47-4	Hexachlorocyclopentadiene	ND		98	43.7	45	46.9	48	7	16-84/31
67-72-1	Hexachloroethane	ND		98	60.6	62	67.6	69	11	39-105/25
193-39-5	Indeno(1,2,3-cd)pyrene	ND		98	73.2	75	77.5	79	6	61-115/19
78-59-1	Isophorone	ND		98	65.8	67	71.8	73	9	54-107/22
91-57-6	2-Methylnaphthalene	ND		98	68.6	70	73.3	75	7	53-112/22
88-74-4	2-Nitroaniline	ND		98	69.5	71	73.5	75	6	60-108/18
99-09-2	3-Nitroaniline	ND		98	64.5	66	68.6	70	6	43-103/23
100-01-6	4-Nitroaniline	ND		98	69.1	70	75.2	77	8	55-110/19
91-20-3	Naphthalene	ND		98	64.9	66	69.7	71	7	49-104/24
98-95-3	Nitrobenzene	ND		98	62.9	64	68.2	70	8	50-107/25
621-64-7	N-Nitroso-di-n-propylamine	ND		98	63.7	65	68.5	70	7	47-104/23
86-30-6	N-Nitrosodiphenylamine	ND		98	70.0	71	74.0	75	6	63-110/17
85-01-8	Phenanthrene	ND		98	75.0	77	79.2	81	5	67-108/17
129-00-0	Pyrene	ND		98	66.3	68	69.4	71	5	65-108/18
120-82-1	1,2,4-Trichlorobenzene	ND		98	63.8	65	68.9	70	8	49-104/25

CAS No.	Surrogate Recoveries	MS	MSD	F44942-5	Limits
367-12-4	2-Fluorophenol	50%	56%	43%	19-90%
4165-62-2	Phenol-d5	40%	41%	26%	10-68%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18422-MS	R05808.D	1	11/07/06	NJ	11/06/06	OP18422	SR272
OP18422-MSD	R05809.D	1	11/07/06	NJ	11/06/06	OP18422	SR272
F44942-5	R05807.D	1	11/07/06	NJ	11/06/06	OP18422	SR272

The QC reported here applies to the following samples: Method: EPA 625

F44942-1, F44942-2, F44942-3, F44942-4, F44942-5, F44942-6

CAS No.	Surrogate Recoveries	MS	MSD	F44942-5	Limits
118-79-6	2,4,6-Tribromophenol	75%	81%	73%	36-137%
4165-60-0	Nitrobenzene-d5	63%	68%	67%	49-119%
321-60-8	2-Fluorobiphenyl	63%	67%	68%	45-118%
1718-51-0	Terphenyl-d14	65%	70%	68%	46-135%

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ770-MB	QQ020010.D	1	11/07/06	AF	n/a	n/a	GQQ770

The QC reported here applies to the following samples: Method: EPA 601/602

F44942-1, F44942-4, F44942-5

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	98%	71-130%
98-08-8	aaa-Trifluorotoluene	96%	71-124%

Method Blank Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ771-MB	QQ020042.D	1	11/08/06	AF	n/a	n/a	GQQ771

The QC reported here applies to the following samples: Method: EPA 601/602

F44942-2, F44942-3

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	95%	71-130%
98-08-8	aaa-Trifluorotoluene	94%	71-124%

Method Blank Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1421-MB	UV024760.D	1	11/07/06	MM	n/a	n/a	GUV1421

The QC reported here applies to the following samples: Method: MADEP VPH

F44942-1, F44942-2, F44942-3, F44942-4, F44942-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	BFB	79%	70-130%
460-00-4	BFB	77%	70-130%

Blank Spike Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ770-BS	QQ020009.D	1	11/07/06	AF	n/a	n/a	GQQ770

The QC reported here applies to the following samples: Method: EPA 601/602

F44942-1, F44942-4, F44942-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	19.2	96	81-121
108-90-7	Chlorobenzene	20	19.2	96	76-120
95-50-1	1,2-Dichlorobenzene	20	19.3	97	63-127
541-73-1	1,3-Dichlorobenzene	20	19.3	97	70-124
106-46-7	1,4-Dichlorobenzene	20	19.3	97	68-121
100-41-4	Ethylbenzene	20	19.1	96	79-124
1634-04-4	Methyl Tert Butyl Ether	20	18.9	95	73-118
108-88-3	Toluene	20	19.1	96	79-122
1330-20-7	Xylenes (total)	60	57.0	95	79-121

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	102%	71-130%
98-08-8	aaa-Trifluorotoluene	96%	71-124%

Blank Spike Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ771-BS	QQ020041.D	1	11/08/06	AF	n/a	n/a	GQQ771

The QC reported here applies to the following samples: Method: EPA 601/602

F44942-2, F44942-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	19.4	97	81-121
108-90-7	Chlorobenzene	20	19.3	97	76-120
95-50-1	1,2-Dichlorobenzene	20	18.9	95	63-127
541-73-1	1,3-Dichlorobenzene	20	19.4	97	70-124
106-46-7	1,4-Dichlorobenzene	20	19.5	98	68-121
100-41-4	Ethylbenzene	20	19.3	97	79-124
1634-04-4	Methyl Tert Butyl Ether	20	18.6	93	73-118
108-88-3	Toluene	20	19.3	97	79-122
1330-20-7	Xylenes (total)	60	57.5	96	79-121

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	101%	71-130%
98-08-8	aaa-Trifluorotoluene	96%	71-124%

Blank Spike Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1421-BS	UV024759.D	1	11/07/06	MM	n/a	n/a	GUV1421

The QC reported here applies to the following samples: Method: MADEP VPH

F44942-1, F44942-2, F44942-3, F44942-4, F44942-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C5- C8 Aliphatics (Unadj.)	480	556	116	70-130
	C9- C12 Aliphatics (Unadj.)	480	516	108	70-130
	C9- C10 Aromatics (Unadj.)	80	80.4	101	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	BFB	104%	70-130%
460-00-4	BFB	98%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44826-3MS	QQ020021.D	1	11/07/06	AF	n/a	n/a	GQQ770
F44826-3MSD	QQ020022.D	1	11/07/06	AF	n/a	n/a	GQQ770
F44826-3	QQ020017.D	1	11/07/06	AF	n/a	n/a	GQQ770

The QC reported here applies to the following samples: Method: EPA 601/602

F44942-1, F44942-4, F44942-5

CAS No.	Compound	F44826-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	18.9	95	18.9	95	0	74-126/11
108-90-7	Chlorobenzene	ND		20	18.8	94	19.0	95	1	72-124/8
95-50-1	1,2-Dichlorobenzene	ND		20	18.7	94	18.9	95	1	55-136/13
541-73-1	1,3-Dichlorobenzene	ND		20	18.9	95	19.2	96	2	65-132/16
106-46-7	1,4-Dichlorobenzene	ND		20	19.0	95	19.1	96	1	61-133/11
100-41-4	Ethylbenzene	ND		20	18.7	94	18.9	95	1	71-131/8
1634-04-4	Methyl Tert Butyl Ether	ND		20	19.1	96	18.5	93	3	63-130/11
108-88-3	Toluene	ND		20	18.8	94	18.9	95	1	69-132/7
1330-20-7	Xylenes (total)	ND		60	55.9	93	56.4	94	1	71-127/8

CAS No.	Surrogate Recoveries	MS	MSD	F44826-3	Limits
460-00-4	4-Bromofluorobenzene	101%	105%	98%	71-130%
98-08-8	aaa-Trifluorotoluene	96%	99%	95%	71-124%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44942-2MS	QQ020050.D	1	11/08/06	AF	n/a	n/a	GQQ771
F44942-2MSD	QQ020051.D	1	11/08/06	AF	n/a	n/a	GQQ771
F44942-2	QQ020045.D	1	11/08/06	AF	n/a	n/a	GQQ771

The QC reported here applies to the following samples: Method: EPA 601/602

F44942-2, F44942-3

CAS No.	Compound	F44942-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	18.7	94	18.7	94	0	74-126/11
108-90-7	Chlorobenzene	ND		20	18.6	93	18.8	94	1	72-124/8
95-50-1	1,2-Dichlorobenzene	ND		20	19.7	99	19.9	100	1	55-136/13
541-73-1	1,3-Dichlorobenzene	ND		20	18.7	94	18.9	95	1	65-132/16
106-46-7	1,4-Dichlorobenzene	ND		20	18.6	93	18.8	94	1	61-133/11
100-41-4	Ethylbenzene	ND		20	18.4	92	18.5	93	1	71-131/8
1634-04-4	Methyl Tert Butyl Ether	ND		20	18.2	91	17.7	89	3	63-130/11
108-88-3	Toluene	ND		20	18.7	94	18.8	94	1	69-132/7
1330-20-7	Xylenes (total)	ND		60	54.7	91	55.1	92	1	71-127/8

CAS No.	Surrogate Recoveries	MS	MSD	F44942-2	Limits
460-00-4	4-Bromofluorobenzene	100%	105%	97%	71-130%
98-08-8	aaa-Trifluorotoluene	94%	98%	94%	71-124%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44942-4MS	UV024774.D	1	11/07/06	MM	n/a	n/a	GUV1421
F44942-4MSD	UV024775.D	1	11/07/06	MM	n/a	n/a	GUV1421
F44942-4	UV024766.D	1	11/07/06	MM	n/a	n/a	GUV1421

The QC reported here applies to the following samples: Method: MADEP VPH

F44942-1, F44942-2, F44942-3, F44942-4, F44942-5

CAS No.	Compound	F44942-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C5- C8 Aliphatics (Unadj.)	ND		480	481	100	496	103	3	70-130/50
	C9- C12 Aliphatics (Unadj.)	ND		480	454	95	470	98	3	70-130/50
	C9- C10 Aromatics (Unadj.)	ND		80	77.4	97	78.8	99	2	70-130/50

CAS No.	Surrogate Recoveries	MS	MSD	F44942-4	Limits
460-00-4	BFB	87%	87%	76%	70-130%
460-00-4	BFB	85%	86%	75%	70-130%

Duplicate Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F44942-5DUP	UV024781.D	1	11/07/06	MM	n/a	n/a	GUV1421
F44942-5	UV024771.D	1	11/07/06	MM	n/a	n/a	GUV1421

5.4
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The QC reported here applies to the following samples: Method: MADEP VPH

F44942-1, F44942-2, F44942-3, F44942-4, F44942-5

CAS No.	Compound	F44942-5 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C5- C8 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C12 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C10 Aromatics (Unadj.)	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F44942-5	Limits
460-00-4	BFB	71%	75%	70-130%
460-00-4	BFB	72%	74%	70-130%

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18493-MB	ZF22304.D	1	11/17/06	ME	11/13/06	OP18493	GZF1038

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44942-1, F44942-2, F44942-3, F44942-4, F44942-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	70%	40-140%
580-13-2	2-Bromonaphthalene	72%	40-140%
84-15-1	o-Terphenyl	73%	40-140%
321-60-8	2-Fluorobiphenyl	71%	40-140%

Blank Spike Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18493-BS	ZF22303.D	1	11/17/06	ME	11/13/06	OP18493	GZF1038

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44942-1, F44942-2, F44942-3, F44942-4, F44942-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C11-C22 Aromatics (Unadj.)	1700	956	56	40-140
	C9-C18 Aliphatics	600	550	92	40-140
	C19-C36 Aliphatics	800	790	99	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
3386-33-2	1-Chlorooctadecane	65%	40-140%
580-13-2	2-Bromonaphthalene	70%	40-140%
84-15-1	o-Terphenyl	52%	40-140%
321-60-8	2-Fluorobiphenyl	53%	40-140%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18493-MS	ZF22311.D	1	11/17/06	ME	11/13/06	OP18493	GZF1038
OP18493-MSD	ZF22312.D	1	11/17/06	ME	11/13/06	OP18493	GZF1038
F44942-5	ZF22310.D	1	11/17/06	ME	11/13/06	OP18493	GZF1038

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44942-1, F44942-2, F44942-3, F44942-4, F44942-5

CAS No.	Compound	F44942-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C11-C22 Aromatics (Unadj.)	ND		3400	2140	63	2120	62	1	40-140/50
	C9-C18 Aliphatics	ND		1200	1100	92	1210	101	10	40-140/50
	C19-C36 Aliphatics	ND		1600	1600	100	1490	93	7	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	F44942-5	Limits
3386-33-2	1-Chlorooctadecane	74%	67%	64%	40-140%
580-13-2	2-Bromonaphthalene	64%	43%	73%	40-140%
84-15-1	o-Terphenyl	68%	62%	63%	40-140%
321-60-8	2-Fluorobiphenyl	55%	57%	67%	40-140%

Duplicate Summary

Job Number: F44942
Account: ITVAVAB Shaw E & I, Inc.
Project: Camp Lejeune-Rapid Refueler

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP18493-DUP	ZF22309.D	1	11/17/06	ME	11/13/06	OP18493	GZF1038
F44942-4	ZF22308.D	1	11/17/06	ME	11/13/06	OP18493	GZF1038

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F44942-1, F44942-2, F44942-3, F44942-4, F44942-5

CAS No.	Compound	F44942-4 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C11-C22 Aromatics (Unadj.)	ND		ND		nc	
	C9-C18 Aliphatics	ND		ND		nc	
	C19-C36 Aliphatics	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F44942-4	Limits
3386-33-2	1-Chlorooctadecane	57%	68%	40-140%
580-13-2	2-Bromonaphthalene	68%	87%	40-140%
84-15-1	o-Terphenyl	55%	69%	40-140%
321-60-8	2-Fluorobiphenyl	62%	62%	40-140%

APPENDIX E

MADEP-EPH/VPH ANALYTICAL RESULTS
OCTOBER 2006

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS497-MW04			
EPH Surrogate Standards		**Date Collected**			10/24/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/25/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/01/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/14/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				45	57			
Aromatic Surrogate % Recovery				55	62			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				57	91			
Fractionation Surrogate #2 % Recovery				61	92			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTAS497-MW04			
		Collection Option (for soil)*			1			
		Date Collected			10/24/2006			
		Date Received			10/25/2006			
		Date Extracted			10/25/2006			
		Date Analyzed			11/02/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				71	76			
Aromatic Surrogate % Recovery - PID				74	80			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS497-MW03			
EPH Surrogate Standards		**Date Collected**			10/24/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/25/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/01/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/07/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	154 J			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				45	23.0 *			
Aromatic Surrogate % Recovery				55	56			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				57	55			
Fractionation Surrogate #2 % Recovery				61	47			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved?	Yes
Was blank correction applied as a significant modification of the method?	Yes
Were any significant modifications to the eph method made?	No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

Sample Identification					USTAS497-MW03			
Collection Option (for soil)*					1			
Date Collected					10/24/2006			
Date Received					10/25/2006			
Date Extracted					10/25/2006			
Date Analyzed					11/02/2006			
% Dry Solids					N/A			
Dilution Factor					1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				71	78			
Aromatic Surrogate % Recovery - PID				74	82			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS497-MW06			
EPH Surrogate Standards		**Date Collected**			10/24/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/25/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/01/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/08/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	1550			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	568			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				45	44			
Aromatic Surrogate % Recovery				55	62			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				57	73			
Fractionation Surrogate #2 % Recovery				61	73			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTAS497-MW06			
		Collection Option (for soil)*			1			
		Date Collected			10/24/2006			
		Date Received			10/25/2006			
		Date Extracted			10/25/2006			
		Date Analyzed			11/07/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	332			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	219			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				77	97			
Aromatic Surrogate % Recovery - PID				79	85			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS497-MW01			
EPH Surrogate Standards		**Date Collected**			10/24/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/25/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/01/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/07/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	169 J			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				45	22.0 *			
Aromatic Surrogate % Recovery				55	77			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				57	96			
Fractionation Surrogate #2 % Recovery				61	95			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		**Sample Identification**			USTAS497-MW01			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		**Date Collected**			10/24/2006			
Aliphatic: BFB		**Date Received**			10/25/2006			
Aromatic: BFB		**Date Extracted**			10/25/2006			
		Date Analyzed			11/02/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				71	78			
Aromatic Surrogate % Recovery - PID				74	84			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS497-MW02			
EPH Surrogate Standards		**Date Collected**			10/25/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/27/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/01/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/07/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	190	190	ND	ND			
C19-C36 Aliphatics	ug/l	190	190	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	140	190	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				45	36.0 *			
Aromatic Surrogate % Recovery				55	70			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				57	82			
Fractionation Surrogate #2 % Recovery				61	83			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes

Was blank correction applied as a significant modification of the method?	Yes
Were any significant modifications to the eph method made?	No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			USTAS497-MW02			
		Collection Option (for soil)*			1			
		Date Collected			10/25/2006			
		Date Received			10/27/2006			
		Date Extracted			10/27/2006			
		Date Analyzed			11/02/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				71	79			
Aromatic Surrogate % Recovery - PID				74	82			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS527-MW12			
EPH Surrogate Standards		**Date Collected**			10/26/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/27/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/01/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/08/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	190	190	ND	ND			
C19-C36 Aliphatics	ug/l	190	190	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	140	190	ND	790			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				45	57			
Aromatic Surrogate % Recovery				55	74			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				57	91			
Fractionation Surrogate #2 % Recovery				61	87			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			USTAS527-MW12			
		Collection Option (for soil)*			1			
		Date Collected			10/26/2006			
		Date Received			10/27/2006			
		Date Extracted			10/27/2006			
		Date Analyzed			11/03/2006			
		% Dry Solids			N/A			
		Dilution Factor			5			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	250	380	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	150	280	ND	922			
C9- C10 Aromatics (Unadj.)	**ug/l**	50	100	ND	1050			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				76	85			
Aromatic Surrogate % Recovery - PID				79	85			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS512-MW16			
EPH Surrogate Standards		**Date Collected**			10/26/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/27/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/01/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/08/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	408			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				45	32.0 *			
Aromatic Surrogate % Recovery				55	82			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				57	96			
Fractionation Surrogate #2 % Recovery				61	83			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTAS512-MW16			
		Collection Option (for soil)*			1			
		Date Collected			10/26/2006			
		Date Received			10/27/2006			
		Date Extracted			10/27/2006			
		Date Analyzed			11/02/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	309			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	290			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				71	84			
Aromatic Surrogate % Recovery - PID				74	83			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS511-MW03			
EPH Surrogate Standards		**Date Collected**			10/26/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/27/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/01/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/08/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	153 J			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				45	27.0 *			
Aromatic Surrogate % Recovery				55	64			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				57	69			
Fractionation Surrogate #2 % Recovery				61	65			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTAS511-MW03			
		Collection Option (for soil)*			1			
		Date Collected			10/26/2006			
		Date Received			10/27/2006			
		Date Extracted			10/27/2006			
		Date Analyzed			11/03/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				76	78			
Aromatic Surrogate % Recovery - PID				79	81			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS511-MW07			
EPH Surrogate Standards		**Date Collected**			10/26/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/27/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/01/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/08/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	218			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				45	27.0 *			
Aromatic Surrogate % Recovery				55	46			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				57	67			
Fractionation Surrogate #2 % Recovery				61	59			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		**Sample Identification**			USTAS511-MW07			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		**Date Collected**			10/26/2006			
Aliphatic: BFB		**Date Received**			10/27/2006			
Aromatic: BFB		**Date Extracted**			10/27/2006			
		Date Analyzed			11/02/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				71	76			
Aromatic Surrogate % Recovery - PID				74	81			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS511-MW08			
EPH Surrogate Standards		**Date Collected**			10/26/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/27/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/01/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/08/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				45	23.0 *			
Aromatic Surrogate % Recovery				55	79			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				57	86			
Fractionation Surrogate #2 % Recovery				61	84			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		**Sample Identification**			USTAS511-MW08			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		**Date Collected**			10/26/2006			
Aliphatic: BFB		**Date Received**			10/27/2006			
Aromatic: BFB		**Date Extracted**			10/27/2006			
		Date Analyzed			11/02/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				71	72			
Aromatic Surrogate % Recovery - PID				74	73			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS511-MW04			
EPH Surrogate Standards		**Date Collected**			10/26/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/27/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/08/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/15/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	190	190	ND	ND			
C19-C36 Aliphatics	ug/l	190	190	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	190	ND	157 J			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				74	42			
Aromatic Surrogate % Recovery				67	61			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				67	62			
Fractionation Surrogate #2 % Recovery				86	64			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			USTAS511-MW04			
		Collection Option (for soil)*			1			
		Date Collected			10/26/2006			
		Date Received			10/27/2006			
		Date Extracted			10/27/2006			
		Date Analyzed			11/02/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				71	71			
Aromatic Surrogate % Recovery - PID				74	73			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS511-MW22			
EPH Surrogate Standards		**Date Collected**			10/27/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/30/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/02/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/09/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	565			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	308			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				65	82			
Aromatic Surrogate % Recovery				100	61			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				52	64			
Fractionation Surrogate #2 % Recovery				23.0 *	69			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes

Was blank correction applied as a significant modification of the method?	Yes
Were any significant modifications to the eph method made?	No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		Sample Identification			USTAS511-MW22	USTAS511-MW22		
		Collection Option (for soil)*			1	1		
VPH Surrogate Standards		Date Collected			10/27/2006	10/27/2006		
Aliphatic: BFB		Date Received			10/30/2006	10/30/2006		
Aromatic: BFB		Date Extracted			10/30/2006	10/30/2006		
		Date Analyzed			11/03/2006	11/02/2006		
		% Dry Solids			N/A	N/A		
		Dilution Factor			1	5		
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	ug/l	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	ug/l	30	55	ND	632			
C9- C10 Aromatics (Unadj.)	ug/l	50	100	ND		431		
Sample Surrogate Acceptance Range				70-130%	70-130%	70-130%		
Aliphatic Surrogate % Recovery - FID				71	100	74		
Aromatic Surrogate % Recovery - PID				74	95	78		

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS511-MW06			
EPH Surrogate Standards		**Date Collected**			10/27/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/30/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/02/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/09/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	160 J			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				65	52			
Aromatic Surrogate % Recovery				100	41			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				52	52			
Fractionation Surrogate #2 % Recovery				23.0 *	64			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		**Sample Identification**			USTAS511-MW06			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		**Date Collected**			10/27/2006			
Aliphatic: BFB		**Date Received**			10/30/2006			
Aromatic: BFB		**Date Extracted**			10/30/2006			
		Date Analyzed			11/02/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				71	72			
Aromatic Surrogate % Recovery - PID				74	73			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS511-MW02			
EPH Surrogate Standards		**Date Collected**			10/27/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/30/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/02/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/09/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				65	72			
Aromatic Surrogate % Recovery				100	72			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				52	70			
Fractionation Surrogate #2 % Recovery				23.0 *	82			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		**Sample Identification**			USTAS511-MW02			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		**Date Collected**			10/27/2006			
Aliphatic: BFB		**Date Received**			10/30/2006			
Aromatic: BFB		**Date Extracted**			10/30/2006			
		Date Analyzed			11/02/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				71	70			
Aromatic Surrogate % Recovery - PID				74	74			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS511-MW01			
EPH Surrogate Standards		**Date Collected**			10/27/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/30/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/02/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/09/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	172 J			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				65	47			
Aromatic Surrogate % Recovery				100	48			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				52	57			
Fractionation Surrogate #2 % Recovery				23.0 *	58			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTAS511-MW01			
		Collection Option (for soil)*			1			
		Date Collected			10/27/2006			
		Date Received			10/30/2006			
		Date Extracted			10/30/2006			
		Date Analyzed			11/02/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	31.5			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				71	76			
Aromatic Surrogate % Recovery - PID				74	76			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS511-MW05			
EPH Surrogate Standards		**Date Collected**			10/27/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/30/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/02/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/10/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	190	190	ND	204			
C19-C36 Aliphatics	ug/l	190	190	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	140	190	ND	577			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				65	47			
Aromatic Surrogate % Recovery				100	51			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				52	52			
Fractionation Surrogate #2 % Recovery				23.0 *	53			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-MCAS-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		**Sample Identification**			USTAS511-MW05			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		**Date Collected**			10/27/2006			
Aliphatic: BFB		**Date Received**			10/30/2006			
Aromatic: BFB		**Date Extracted**			10/30/2006			
		Date Analyzed			11/03/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				76	73			
Aromatic Surrogate % Recovery - PID				79	76			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW15			
EPH Surrogate Standards		**Date Collected**			10/30/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/31/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/02/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/09/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				65	83			
Aromatic Surrogate % Recovery				100	87			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				52	84			
Fractionation Surrogate #2 % Recovery				23.0 *	86			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes

Was blank correction applied as a significant modification of the method?	Yes
Were any significant modifications to the eph method made?	No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTRR-MW15			
		Collection Option (for soil)*			1			
		Date Collected			10/30/2006			
		Date Received			10/31/2006			
		Date Extracted			10/31/2006			
		Date Analyzed			11/02/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				71	73			
Aromatic Surrogate % Recovery - PID				74	73			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW14			
EPH Surrogate Standards		**Date Collected**			10/30/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/31/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/02/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/09/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	495			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				65	69			
Aromatic Surrogate % Recovery				100	78			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				52	81			
Fractionation Surrogate #2 % Recovery				23.0 *	81			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		Sample Identification			USTRR-MW14			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		Date Collected			10/30/2006			
Aliphatic: BFB		Date Received			10/31/2006			
Aromatic: BFB		Date Extracted			10/31/2006			
		Date Analyzed			11/02/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	122			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	81.2			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				71	72			
Aromatic Surrogate % Recovery - PID				74	75			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW11			
EPH Surrogate Standards		**Date Collected**			10/30/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/31/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/02/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/09/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	190	190	ND	ND			
C19-C36 Aliphatics	ug/l	190	190	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	140	190	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				65	51			
Aromatic Surrogate % Recovery				100	86			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				52	92			
Fractionation Surrogate #2 % Recovery				23.0 *	89			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

Sample Identification					USTRR-MW11			
Collection Option (for soil)*					1			
Date Collected					10/30/2006			
Date Received					10/31/2006			
Date Extracted					10/31/2006			
Date Analyzed					11/02/2006			
% Dry Solids					N/A			
Dilution Factor					1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	36.4 J			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	38.6			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				71	72			
Aromatic Surrogate % Recovery - PID				74	73			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW05			
EPH Surrogate Standards		**Date Collected**			10/30/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/31/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/02/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/09/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	248			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	173 J			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				65	79			
Aromatic Surrogate % Recovery				100	70			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				52	75			
Fractionation Surrogate #2 % Recovery				23.0 *	74			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			USTRR-MW05			
		Collection Option (for soil)*			1			
		Date Collected			10/30/2006			
		Date Received			10/31/2006			
		Date Extracted			10/31/2006			
		Date Analyzed			11/03/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	43.0 J			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	38.1			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				76	78			
Aromatic Surrogate % Recovery - PID				79	81			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW10			
EPH Surrogate Standards		**Date Collected**			10/30/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/31/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/02/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/09/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	166 J			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				65	93			
Aromatic Surrogate % Recovery				100	67			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				52	72			
Fractionation Surrogate #2 % Recovery				23.0 *	64			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

Hydrocarbon Ranges	Units of Measure	MDL	RL	BLANK	Sample Identification			
					Collection Option (for soil)*	1	1	
					Date Collected	10/30/2006	10/30/2006	
					Date Received	10/31/2006	10/31/2006	
					Date Extracted	10/31/2006	10/31/2006	
					Date Analyzed	11/03/2006	11/03/2006	
					% Dry Solids	N/A	N/A	
					Dilution Factor	1	2	
C5- C8 Aliphatics (Unadj.)	ug/l	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	ug/l	30	55	ND	783			
C9- C10 Aromatics (Unadj.)	ug/l	20	40	ND		590		
Sample Surrogate Acceptance Range				70-130%	70-130%	70-130%		
Aliphatic Surrogate % Recovery - FID				76	90	88		
Aromatic Surrogate % Recovery - PID				79	93	91		

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW3G			
EPH Surrogate Standards		**Date Collected**			10/30/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/31/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/02/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/09/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	190	190	ND	238			
C19-C36 Aliphatics	ug/l	190	190	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	140	190	ND	309			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				65	66			
Aromatic Surrogate % Recovery				100	44			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				52	45			
Fractionation Surrogate #2 % Recovery				23.0 *	46			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			USTRR-MW3G			
		Collection Option (for soil)*			1			
		Date Collected			10/30/2006			
		Date Received			10/31/2006			
		Date Extracted			10/31/2006			
		Date Analyzed			11/03/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				76	71			
Aromatic Surrogate % Recovery - PID				79	75			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTA527-DW06			
EPH Surrogate Standards		**Date Collected**			10/30/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			10/31/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/02/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/10/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	190	190	ND	ND			
C19-C36 Aliphatics	ug/l	190	190	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	140	190	ND	176 J			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				65	64			
Aromatic Surrogate % Recovery				100	95			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				52	95			
Fractionation Surrogate #2 % Recovery				23.0 *	105			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTA527-DW06			
		Collection Option (for soil)*			1			
		Date Collected			10/30/2006			
		Date Received			10/31/2006			
		Date Extracted			10/31/2006			
		Date Analyzed			11/03/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				76	74			
Aromatic Surrogate % Recovery - PID				79	75			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW6G			
EPH Surrogate Standards		**Date Collected**			10/31/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			11/03/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/13/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/17/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				70	58			
Aromatic Surrogate % Recovery				73	74			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				71	65			
Fractionation Surrogate #2 % Recovery				72	69			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes

Was blank correction applied as a significant modification of the method?	Yes
Were any significant modifications to the eph method made?	No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTRR-MW6G			
		Collection Option (for soil)*			1			
		Date Collected			10/31/2006			
		Date Received			11/03/2006			
		Date Extracted			11/03/2006			
		Date Analyzed			11/07/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	22.4			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				77	77			
Aromatic Surrogate % Recovery - PID				79	79			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW4G			
EPH Surrogate Standards		**Date Collected**			10/31/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			11/03/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/13/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/17/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			5			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	970	970	ND	6660			
C19-C36 Aliphatics	ug/l	970	970	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	730	970	ND	979			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				70	57			
Aromatic Surrogate % Recovery				73	70			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				71	73			
Fractionation Surrogate #2 % Recovery				72	86			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			USTRR-MW4G			
		Collection Option (for soil)*			1			
		Date Collected			10/31/2006			
		Date Received			11/03/2006			
		Date Extracted			11/03/2006			
		Date Analyzed			11/07/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	321			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	204			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				77	93			
Aromatic Surrogate % Recovery - PID				79	82			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW23			
EPH Surrogate Standards		**Date Collected**			10/31/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			11/03/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/13/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/17/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	905			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	719			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				70	40			
Aromatic Surrogate % Recovery				73	50			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				71	60			
Fractionation Surrogate #2 % Recovery				72	68			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		Sample Identification			USTRR-MW23			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		Date Collected			10/31/2006			
Aliphatic: BFB		Date Received			11/03/2006			
Aromatic: BFB		Date Extracted			11/03/2006			
		Date Analyzed			11/07/2006			
		% Dry Solids			N/A			
		Dilution Factor			2			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	100	150	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	60	110	ND	698			
C9- C10 Aromatics (Unadj.)	**ug/l**	20	40	ND	602			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				77	90			
Aromatic Surrogate % Recovery - PID				79	89			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW21			
EPH Surrogate Standards		**Date Collected**			10/31/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			11/03/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/13/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/17/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				70	68			
Aromatic Surrogate % Recovery				73	69			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				71	62			
Fractionation Surrogate #2 % Recovery				72	87			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTRR-MW21			
		Collection Option (for soil)*			1			
		Date Collected			10/31/2006			
		Date Received			11/03/2006			
		Date Extracted			11/03/2006			
		Date Analyzed			11/07/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				77	75			
Aromatic Surrogate % Recovery - PID				79	76			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTA527-MW04			
EPH Surrogate Standards		**Date Collected**			10/31/2006			
Aliphatic: 1-Chlorooctadecane		**Date Received**			11/03/2006			
Aromatic: o-Terphenyl		**Date Extracted**			11/13/2006			
EPH Fractionation Surrogates		**Date Analyzed**			11/17/2006			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				70	64			
Aromatic Surrogate % Recovery				73	63			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				71	67			
Fractionation Surrogate #2 % Recovery				72	73			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Shaw E & I, Inc.
Project Name: Camp Lejeune-Rapid Refueler
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			USTA527-MW04			
		Collection Option (for soil)*			1			
		Date Collected			10/31/2006			
		Date Received			11/03/2006			
		Date Extracted			11/03/2006			
		Date Analyzed			11/07/2006			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				77	74			
Aromatic Surrogate % Recovery - PID				79	75			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

APPENDIX F

GROUNDWATER LABORATORY ANALYTICAL REPORTS
MARCH 2007

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

04/17/07

Technical Report for

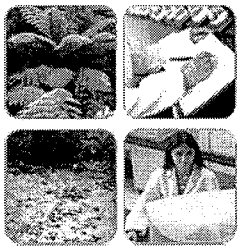
Osage of Virginia

Camp LeJeune; Rapid Refueler, NC

CTO 0001

Accutest Job Number: F48137

Sampling Dates: 03/19/07 - 03/21/07



Report to:

Osage of Virginia

mcree@osageva.com

ATTN: Mike Cree

Total number of pages in report: 119

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Accutest Laboratories

Sample Summary

Osage of Virginia

Job No: F48137

Camp LeJeune; Rapid Refueler, NC
Project No: CTO 0001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
F48137-1	03/19/07	14:58	TE	03/22/07	AQ	Ground Water	USTAS497-MW01
F48137-2	03/19/07	15:25	TE	03/22/07	AQ	Ground Water	USTAS497-MW02
F48137-3	03/20/07	10:25	TE	03/22/07	AQ	Ground Water	USTAS497-MW03
F48137-4	03/19/07	16:35	TE	03/22/07	AQ	Ground Water	USTAS497-MW04
F48137-5	03/19/07	14:25	TE	03/22/07	AQ	Ground Water	USTAS497-MW06
F48137-6	03/20/07	13:55	TE	03/22/07	AQ	Ground Water	USTRR-MW05
F48137-7	03/20/07	15:15	TE	03/22/07	AQ	Ground Water	USTRR-MW10
F48137-8	03/20/07	11:30	TE	03/22/07	AQ	Ground Water	USTRR-MW11
F48137-9	03/20/07	11:45	TE	03/22/07	AQ	Ground Water	USTRR-MW14
F48137-10	03/20/07	15:45	TE	03/22/07	AQ	Ground Water	USTRR-MW15
F48137-11	03/19/07	14:00	TE	03/22/07	AQ	Ground Water	USTRR-MW17
F48137-12	03/21/07	00:00	TE	03/22/07	AQ	Ground Water	USTRR-MW02
F48137-13	03/21/07	00:00	TE	03/22/07	AQ	Ground Water	USTRR-MW03

Sample Summary
(continued)

Osage of Virginia

Job No: F48137

Camp LeJeune; Rapid Refueler, NC
Project No: CTO 0001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F48137-14	03/21/07	00:00	TE	03/22/07	AQ	Trip Blank Water	TRIP BLANKS

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW01		
Lab Sample ID:	F48137-1	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R07305.D	1	03/27/07	RB	03/26/07	OP19946	SR342
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	9.8	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.9	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.9	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.9	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	9.8	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.8	4.9	ug/l	
95-48-7	2-Methylphenol	ND	4.9	2.0	ug/l	
	3&4-Methylphenol	ND	4.9	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	9.8	ug/l	
87-86-5	Pentachlorophenol	ND	25	9.8	ug/l	
108-95-2	Phenol	ND	4.9	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.9	2.0	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.98	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.98	ug/l	
120-12-7	Anthracene	ND	4.9	0.98	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.98	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.98	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.98	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.98	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.9	0.98	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.9	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.98	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.98	ug/l	
106-47-8	4-Chloroaniline	ND	9.8	3.9	ug/l	
86-74-8	Carbazole	ND	4.9	0.98	ug/l	
218-01-9	Chrysene	ND	4.9	0.98	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.98	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW01		
Lab Sample ID:	F48137-1	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.9	0.98	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.9	0.98	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.98	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.98	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.98	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.8	4.9	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	2.0	ug/l	
132-64-9	Dibenzofuran	ND	4.9	0.98	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.9	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.9	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	4.9	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.9	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	2.5	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.98	ug/l	
86-73-7	Fluorene	ND	4.9	0.98	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.98	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.9	2.0	ug/l	
67-72-1	Hexachloroethane	ND	4.9	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	2.0	ug/l	
78-59-1	Isophorone	ND	4.9	0.98	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.9	0.98	ug/l	
88-74-4	2-Nitroaniline	ND	9.8	3.9	ug/l	
99-09-2	3-Nitroaniline	ND	9.8	3.9	ug/l	
100-01-6	4-Nitroaniline	ND	9.8	3.9	ug/l	
91-20-3	Naphthalene	ND	4.9	0.98	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.98	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.9	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	2.0	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.98	ug/l	
129-00-0	Pyrene	ND	4.9	0.98	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	30%		14-62%
4165-62-2	Phenol-d5	19%		10-40%
118-79-6	2,4,6-Tribromophenol	62%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW01		
Lab Sample ID:	F48137-1	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	57%		42-108%
321-60-8	2-Fluorobiphenyl	59%		40-106%
1718-51-0	Terphenyl-d14	75%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
111	Ethanol, 2-butoxy-	4.11	33	ug/l	JNB
	Total TIC, Semi-Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW01		
Lab Sample ID:	F48137-1	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ023871.D	1	03/26/07	AF	n/a	n/a	GQQ905
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	105%		70-120%
98-08-8	aaa-Trifluorotoluene	87%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW01		
Lab Sample ID:	F48137-1	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026237.D	1	03/23/07	MM	n/a	n/a	GUV1512
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	100%		70-130%
460-00-4	BFB	87%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW01		
Lab Sample ID:	F48137-1	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22900.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	190	140	ug/l	
	C9-C18 Aliphatics	ND	190	190	ug/l	
	C19-C36 Aliphatics	ND	190	190	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	81%		40-140%
580-13-2	2-Bromonaphthalene	70%		40-140%
84-15-1	o-Terphenyl	63%		40-140%
321-60-8	2-Fluorobiphenyl	71%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW02		
Lab Sample ID:	F48137-2	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R07306.D	1	03/27/07	RB	03/26/07	OP19946	SR342
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW02		
Lab Sample ID:	F48137-2	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	29%		14-62%
4165-62-2	Phenol-d5	19%		10-40%
118-79-6	2,4,6-Tribromophenol	55%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW02		
Lab Sample ID:	F48137-2	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	50%		42-108%
321-60-8	2-Fluorobiphenyl	51%		40-106%
1718-51-0	Terphenyl-d14	66%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
111	Ethanol, 2-butoxy-	4.11	23	ug/l	JNB
	Total TIC, Semi-Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW02		
Lab Sample ID:	F48137-2	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ023872.D	1	03/26/07	AF	n/a	n/a	GQQ905
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%		70-120%
98-08-8	aaa-Trifluorotoluene	87%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW02		
Lab Sample ID:	F48137-2	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026238.D	1	03/23/07	MM	n/a	n/a	GUV1512
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	98%		70-130%
460-00-4	BFB	94%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW02		
Lab Sample ID:	F48137-2	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22901.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	77%		40-140%
580-13-2	2-Bromonaphthalene	80%		40-140%
84-15-1	o-Terphenyl	95%		40-140%
321-60-8	2-Fluorobiphenyl	91%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW03		
Lab Sample ID:	F48137-3	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R07307.D	1	03/27/07	RB	03/26/07	OP19946	SR342
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.7	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.9	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.9	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.9	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.7	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.7	4.9	ug/l	
95-48-7	2-Methylphenol	ND	4.9	1.9	ug/l	
	3&4-Methylphenol	ND	4.9	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.7	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.7	ug/l	
108-95-2	Phenol	ND	4.9	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.9	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.97	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.97	ug/l	
120-12-7	Anthracene	ND	4.9	0.97	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.97	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.97	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.97	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.97	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.9	0.97	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.9	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.97	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.97	ug/l	
106-47-8	4-Chloroaniline	ND	9.7	3.9	ug/l	
86-74-8	Carbazole	ND	4.9	0.97	ug/l	
218-01-9	Chrysene	ND	4.9	0.97	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.97	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit
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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW03		
Lab Sample ID:	F48137-3	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.9	0.97	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.9	0.97	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.97	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.97	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.97	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.7	4.9	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.9	0.97	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.9	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.9	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.9	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.9	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.97	ug/l	
86-73-7	Fluorene	ND	4.9	0.97	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.97	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.9	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.9	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	1.9	ug/l	
78-59-1	Isophorone	ND	4.9	0.97	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.9	0.97	ug/l	
88-74-4	2-Nitroaniline	ND	9.7	3.9	ug/l	
99-09-2	3-Nitroaniline	ND	9.7	3.9	ug/l	
100-01-6	4-Nitroaniline	ND	9.7	3.9	ug/l	
91-20-3	Naphthalene	ND	4.9	0.97	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.97	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.9	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.97	ug/l	
129-00-0	Pyrene	ND	4.9	0.97	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.97	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	32%		14-62%
4165-62-2	Phenol-d5	20%		10-40%
118-79-6	2,4,6-Tribromophenol	66%		33-118%

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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW03		
Lab Sample ID:	F48137-3	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	61%		42-108%
321-60-8	2-Fluorobiphenyl	63%		40-106%
1718-51-0	Terphenyl-d14	74%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
111	Ethanol, 2-butoxy-	4.11	5.7	ug/l	JNB
	Total TIC, Semi-Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW03		
Lab Sample ID:	F48137-3	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ023873.D	1	03/26/07	AF	n/a	n/a	GQQ905
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	105%		70-120%
98-08-8	aaa-Trifluorotoluene	87%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW03		
Lab Sample ID:	F48137-3	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026239.D	1	03/23/07	MM	n/a	n/a	GUV1512
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	99%		70-130%
460-00-4	BFB	87%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW03		
Lab Sample ID:	F48137-3	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22902.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	223	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	82%		40-140%
580-13-2	2-Bromonaphthalene	74%		40-140%
84-15-1	o-Terphenyl	76%		40-140%
321-60-8	2-Fluorobiphenyl	78%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW04		
Lab Sample ID:	F48137-4	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R07308.D	1	03/27/07	RB	03/26/07	OP19946	SR342
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.6	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.6	4.8	ug/l	
95-48-7	2-Methylphenol	ND	4.8	1.9	ug/l	
	3&4-Methylphenol	ND	4.8	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.6	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.6	ug/l	
108-95-2	Phenol	ND	4.8	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.96	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.96	ug/l	
120-12-7	Anthracene	ND	4.8	0.96	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.96	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.96	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.96	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.96	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.96	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.96	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.96	ug/l	
106-47-8	4-Chloroaniline	ND	9.6	3.8	ug/l	
86-74-8	Carbazole	ND	4.8	0.96	ug/l	
218-01-9	Chrysene	ND	4.8	0.96	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.96	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	1.9	ug/l	

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW04		
Lab Sample ID:	F48137-4	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.96	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.96	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.96	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.96	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.96	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.6	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.96	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.96	ug/l	
86-73-7	Fluorene	ND	4.8	0.96	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.96	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.8	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	1.9	ug/l	
78-59-1	Isophorone	ND	4.8	0.96	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.96	ug/l	
88-74-4	2-Nitroaniline	ND	9.6	3.8	ug/l	
99-09-2	3-Nitroaniline	ND	9.6	3.8	ug/l	
100-01-6	4-Nitroaniline	ND	9.6	3.8	ug/l	
91-20-3	Naphthalene	ND	4.8	0.96	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.96	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.96	ug/l	
129-00-0	Pyrene	ND	4.8	0.96	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.96	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	35%		14-62%
4165-62-2	Phenol-d5	22%		10-40%
118-79-6	2,4,6-Tribromophenol	70%		33-118%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW04		
Lab Sample ID:	F48137-4	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%		42-108%
321-60-8	2-Fluorobiphenyl	67%		40-106%
1718-51-0	Terphenyl-d14	76%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
111	Ethanol, 2-butoxy-	4.11	29	ug/l	JNB
10544-50-0	Cyclic octaatomic sulfur	12.97	9.4	ug/l	JN
	Total TIC, Semi-Volatile		9.4	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW04		
Lab Sample ID:	F48137-4	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ023874.D	1	03/26/07	AF	n/a	n/a	GQQ905
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		70-120%
98-08-8	aaa-Trifluorotoluene	88%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW04		
Lab Sample ID:	F48137-4	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026240.D	1	03/23/07	MM	n/a	n/a	GUV1512
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	96%		70-130%
460-00-4	BFB	85%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW04		
Lab Sample ID:	F48137-4	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22903.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	74%		40-140%
580-13-2	2-Bromonaphthalene	82%		40-140%
84-15-1	o-Terphenyl	71%		40-140%
321-60-8	2-Fluorobiphenyl	80%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW06		
Lab Sample ID:	F48137-5	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R07309.D	1	03/27/07	RB	03/26/07	OP19946	SR342
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.7	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.9	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.9	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.9	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.7	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.7	4.9	ug/l	
95-48-7	2-Methylphenol	ND	4.9	1.9	ug/l	
	3&4-Methylphenol	ND	4.9	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.7	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.7	ug/l	
108-95-2	Phenol	ND	4.9	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.9	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.97	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.97	ug/l	
120-12-7	Anthracene	ND	4.9	0.97	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.97	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.97	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.97	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.97	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.9	0.97	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.9	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.97	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.97	ug/l	
106-47-8	4-Chloroaniline	ND	9.7	3.9	ug/l	
86-74-8	Carbazole	ND	4.9	0.97	ug/l	
218-01-9	Chrysene	ND	4.9	0.97	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.97	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit
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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW06		
Lab Sample ID:	F48137-5	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.9	0.97	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.9	0.97	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.97	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.97	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.97	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.7	4.9	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.9	0.97	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.9	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.9	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.9	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.9	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.97	ug/l	
86-73-7	Fluorene	ND	4.9	0.97	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.97	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.9	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.9	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	1.9	ug/l	
78-59-1	Isophorone	ND	4.9	0.97	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.9	0.97	ug/l	
88-74-4	2-Nitroaniline	ND	9.7	3.9	ug/l	
99-09-2	3-Nitroaniline	ND	9.7	3.9	ug/l	
100-01-6	4-Nitroaniline	ND	9.7	3.9	ug/l	
91-20-3	Naphthalene	ND	4.9	0.97	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.97	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.9	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.97	ug/l	
129-00-0	Pyrene	ND	4.9	0.97	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.97	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	35%		14-62%
4165-62-2	Phenol-d5	23%		10-40%
118-79-6	2,4,6-Tribromophenol	71%		33-118%

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW06		
Lab Sample ID:	F48137-5	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		42-108%
321-60-8	2-Fluorobiphenyl	66%		40-106%
1718-51-0	Terphenyl-d14	78%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
111	Ethanol, 2-butoxy-	4.11	6.5	ug/l	JNB
	Total TIC, Semi-Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW06		
Lab Sample ID:	F48137-5	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ023875.D	1	03/26/07	AF	n/a	n/a	GQQ905
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	111%		70-120%
98-08-8	aaa-Trifluorotoluene	92%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW06		
Lab Sample ID:	F48137-5	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026241.D	1	03/23/07	MM	n/a	n/a	GUV1512
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	97%		70-130%
460-00-4	BFB	90%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS497-MW06		
Lab Sample ID:	F48137-5	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22904.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	82%		40-140%
580-13-2	2-Bromonaphthalene	80%		40-140%
84-15-1	o-Terphenyl	90%		40-140%
321-60-8	2-Fluorobiphenyl	87%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW05		
Lab Sample ID:	F48137-6	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R07310.D	1	03/27/07	RB	03/26/07	OP19946	SR342
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW05		
Lab Sample ID:	F48137-6	Date Sampled:	03/20/07
Matrix:	AQ - Ground Water	Date Received:	03/22/07
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	4.0	5.0	1.0	ug/l	J
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	34%		14-62%
4165-62-2	Phenol-d5	22%		10-40%
118-79-6	2,4,6-Tribromophenol	74%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW05		
Lab Sample ID:	F48137-6	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		42-108%
321-60-8	2-Fluorobiphenyl	67%		40-106%
1718-51-0	Terphenyl-d14	78%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
111	Ethanol, 2-butoxy-	4.11	6.5	ug/l	JNB
10544	Cyclic octaatomic sulfur	12.97	12	ug/l	JN
	Total TIC, Semi-Volatile		12	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW05		
Lab Sample ID:	F48137-6	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ023876.D	1	03/26/07	AF	n/a	n/a	GQQ905
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.69	1.0	0.50	ug/l	J
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		70-120%
98-08-8	aaa-Trifluorotoluene	87%		73-118%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW05		
Lab Sample ID:	F48137-6	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026242.D	1	03/23/07	MM	n/a	n/a	GUV1512
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	16.5	20	10	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	100%		70-130%
460-00-4	BFB	89%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW05		
Lab Sample ID:	F48137-6	Date Sampled:	03/20/07
Matrix:	AQ - Ground Water	Date Received:	03/22/07
Method:	MADEP-EPH-98-1 SW846 3510C	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22905.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	69%		40-140%
580-13-2	2-Bromonaphthalene	71%		40-140%
84-15-1	o-Terphenyl	76%		40-140%
321-60-8	2-Fluorobiphenyl	76%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW10		
Lab Sample ID:	F48137-7	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R07311.D	1	03/27/07	RB	03/26/07	OP19946	SR342
Run #2	R07357.D	2	03/30/07	RB	03/26/07	OP19946	SR344

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2	1000 ml	1.0 ml

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW10		
Lab Sample ID:	F48137-7	Date Sampled:	03/20/07
Matrix:	AQ - Ground Water	Date Received:	03/22/07
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	1.3	5.0	1.0	ug/l	J
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	43.3	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	137 [a]	10	2.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	32%	32%	14-62%
4165-62-2	Phenol-d5	21%	20%	10-40%
118-79-6	2,4,6-Tribromophenol	72%	72%	33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW10		
Lab Sample ID:	F48137-7	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	57%	54%	42-108%
321-60-8	2-Fluorobiphenyl	59%	59%	40-106%
1718-51-0	Terphenyl-d14	73%	69%	39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
100	Ethylbenzene	3.78	30	ug/l	JN
111	Ethanol, 2-butoxy-	4.11	14	ug/l	JNB
98	Benzene, (1-methylethyl)-	4.26	7.9	ug/l	JN
103	Benzene, propyl-	4.47	13	ug/l	JN
108	Benzene, 1,3,5-trimethyl-	4.74	27	ug/l	JN
496	Indane	5.02	30	ug/l	JN
141	Benzene, 1,3-diethyl-	5.07	15	ug/l	JN
105	Benzene, 1,4-diethyl-	5.13	23	ug/l	JN
95	Benzene, 1,2,4,5-tetramethyl-	5.51	17	ug/l	JN
488	Benzene, 1,2,3,4-tetramethyl-	5.53	17	ug/l	JN
488	Benzene, 1,2,3,4-tetramethyl-	5.75	51	ug/l	JN
119	Naphthalene, 1,2,3,4-tetrahydro-	5.84	31	ug/l	JN
1680	Naphthalene, 1,2,3,4-tetrahydro-6-	6.56	9.4	ug/l	JN
2809	Naphthalene, 1,2,3,4-tetrahydro-5-	6.75	9.8	ug/l	JN
603	Benzoic acid, 2,3-dimethyl-	7.04	8	ug/l	JN
581	Naphthalene, 2,6-dimethyl-	7.64	12	ug/l	JN
575	Naphthalene, 1,7-dimethyl-	7.75	19	ug/l	JN
581	Naphthalene, 2,6-dimethyl-	7.80	14	ug/l	JN
485	3-Ethyl-7-hydroxyphthalide	8.47	7.9	ug/l	JN
10544	Cyclic octaatomic sulfur	12.99	37	ug/l	JN
	Total TIC, Semi-Volatile		379	ug/l	J

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW10		
Lab Sample ID:	F48137-7	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ023877.D	1	03/26/07	AF	n/a	n/a	GQQ905
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	6.5	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	28.7	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene [b]	ND	6.0	6.0	ug/l	
100-41-4	Ethylbenzene	58.8	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	3.3	1.0	0.50	ug/l	
108-88-3	Toluene	0.54	1.0	0.50	ug/l	J
1330-20-7	Xylenes (total)	30.1	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	115%		70-120%
98-08-8	aaa-Trifluorotoluene	88%		73-118%

(a) All hits confirmed by GC/MS.
(b) Elevated reporting limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW10		
Lab Sample ID:	F48137-7	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026267.D	2	03/26/07	MM	n/a	n/a	GUV1513
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	150	100	ug/l	
	C9- C12 Aliphatics (Unadj.)	726	110	60	ug/l	
	C9- C10 Aromatics (Unadj.)	650	40	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	119%		70-130%
460-00-4	BFB	104%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW10		
Lab Sample ID:	F48137-7	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22906.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	716	200	150	ug/l	
	C9-C18 Aliphatics	230	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	58%		40-140%
580-13-2	2-Bromonaphthalene	77%		40-140%
84-15-1	o-Terphenyl	71%		40-140%
321-60-8	2-Fluorobiphenyl	79%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW11		
Lab Sample ID:	F48137-8	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R07312.D	1	03/27/07	RB	03/26/07	OP19946	SR342
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	26	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.1	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.1	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.1	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.1	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	26	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.1	ug/l	
95-48-7	2-Methylphenol	ND	5.1	2.0	ug/l	
	3&4-Methylphenol	ND	5.1	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.1	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	26	10	ug/l	
87-86-5	Pentachlorophenol	ND	26	10	ug/l	
108-95-2	Phenol	ND	5.1	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.1	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.1	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.1	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.1	1.0	ug/l	
120-12-7	Anthracene	ND	5.1	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.1	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.1	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.1	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.1	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.1	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.1	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.1	ug/l	
86-74-8	Carbazole	ND	5.1	1.0	ug/l	
218-01-9	Chrysene	ND	5.1	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW11		
Lab Sample ID:	F48137-8	Date Sampled:	03/20/07
Matrix:	AQ - Ground Water	Date Received:	03/22/07
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.1	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.1	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.1	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.1	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.1	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.1	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.1	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.1	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	2.6	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.1	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.1	2.6	ug/l	
206-44-0	Fluoranthene	ND	5.1	1.0	ug/l	
86-73-7	Fluorene	ND	5.1	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.1	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.1	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.1	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.1	2.0	ug/l	
78-59-1	Isophorone	ND	5.1	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.1	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.1	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.1	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.1	ug/l	
91-20-3	Naphthalene	ND	5.1	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.1	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.1	1.0	ug/l	
129-00-0	Pyrene	ND	5.1	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	33%		14-62%
4165-62-2	Phenol-d5	22%		10-40%
118-79-6	2,4,6-Tribromophenol	69%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW11		
Lab Sample ID:	F48137-8	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	59%		42-108%
321-60-8	2-Fluorobiphenyl	59%		40-106%
1718-51-0	Terphenyl-d14	68%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
111-76-2	Ethanol, 2-butoxy-	4.11	23	ug/l	JNB
	Total TIC, Semi-Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW11		
Lab Sample ID:	F48137-8	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ023878.D	1	03/26/07	AF	n/a	n/a	GQQ905
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	109%		70-120%
98-08-8	aaa-Trifluorotoluene	89%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW11		
Lab Sample ID:	F48137-8	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026246.D	1	03/23/07	MM	n/a	n/a	GUV1512
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	94%		70-130%
460-00-4	BFB	86%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW11		
Lab Sample ID:	F48137-8	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22909.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	70%		40-140%
580-13-2	2-Bromonaphthalene	86%		40-140%
84-15-1	o-Terphenyl	87%		40-140%
321-60-8	2-Fluorobiphenyl	87%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW14		
Lab Sample ID:	F48137-9	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R07313.D	1	03/27/07	RB	03/26/07	OP19946	SR342
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.1	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.1	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.1	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.1	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.1	ug/l	
95-48-7	2-Methylphenol	ND	5.1	2.0	ug/l	
	3&4-Methylphenol	ND	5.1	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.1	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.1	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.1	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.1	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.1	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.1	1.0	ug/l	
120-12-7	Anthracene	ND	5.1	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.1	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.1	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.1	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.1	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.1	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.1	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.1	1.0	ug/l	
218-01-9	Chrysene	ND	5.1	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW14		
Lab Sample ID:	F48137-9	Date Sampled:	03/20/07
Matrix:	AQ - Ground Water	Date Received:	03/22/07
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.1	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.1	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.1	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.1	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.1	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.1	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.1	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.1	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.1	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.1	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.1	1.0	ug/l	
86-73-7	Fluorene	ND	5.1	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.1	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.1	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.1	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.1	2.0	ug/l	
78-59-1	Isophorone	ND	5.1	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.1	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.1	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.1	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.1	1.0	ug/l	
129-00-0	Pyrene	ND	5.1	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	31%		14-62%
4165-62-2	Phenol-d5	20%		10-40%
118-79-6	2,4,6-Tribromophenol	61%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW14		
Lab Sample ID:	F48137-9	Date Sampled:	03/20/07
Matrix:	AQ - Ground Water	Date Received:	03/22/07
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	54%		42-108%
321-60-8	2-Fluorobiphenyl	54%		40-106%
1718-51-0	Terphenyl-d14	79%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
111	Ethanol, 2-butoxy-	4.11	7.8	ug/l	JNB
	Total TIC, Semi-Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW14		
Lab Sample ID:	F48137-9	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ023881.D	1	03/26/07	AF	n/a	n/a	GQQ905
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	105%		70-120%
98-08-8	aaa-Trifluorotoluene	86%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW14		
Lab Sample ID:	F48137-9	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026248.D	1	03/23/07	MM	n/a	n/a	GUV1512
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	95%		70-130%
460-00-4	BFB	83%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW14		
Lab Sample ID:	F48137-9	Date Sampled:	03/20/07
Matrix:	AQ - Ground Water	Date Received:	03/22/07
Method:	MADEP-EPH-98-1 SW846 3510C	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22912.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	74%		40-140%
580-13-2	2-Bromonaphthalene	68%		40-140%
84-15-1	o-Terphenyl	76%		40-140%
321-60-8	2-Fluorobiphenyl	74%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW15		
Lab Sample ID:	F48137-10	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R07314.D	1	03/27/07	RB	03/26/07	OP19946	SR342
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.6	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.6	4.8	ug/l	
95-48-7	2-Methylphenol	ND	4.8	1.9	ug/l	
	3&4-Methylphenol	ND	4.8	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.6	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.6	ug/l	
108-95-2	Phenol	ND	4.8	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.96	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.96	ug/l	
120-12-7	Anthracene	ND	4.8	0.96	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.96	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.96	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.96	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.96	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.96	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.96	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.96	ug/l	
106-47-8	4-Chloroaniline	ND	9.6	3.8	ug/l	
86-74-8	Carbazole	ND	4.8	0.96	ug/l	
218-01-9	Chrysene	ND	4.8	0.96	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.96	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW15		
Lab Sample ID:	F48137-10	Date Sampled:	03/20/07
Matrix:	AQ - Ground Water	Date Received:	03/22/07
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.96	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.96	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.96	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.96	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.96	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.6	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.96	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.96	ug/l	
86-73-7	Fluorene	ND	4.8	0.96	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.96	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.8	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	1.9	ug/l	
78-59-1	Isophorone	ND	4.8	0.96	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.96	ug/l	
88-74-4	2-Nitroaniline	ND	9.6	3.8	ug/l	
99-09-2	3-Nitroaniline	ND	9.6	3.8	ug/l	
100-01-6	4-Nitroaniline	ND	9.6	3.8	ug/l	
91-20-3	Naphthalene	ND	4.8	0.96	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.96	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.96	ug/l	
129-00-0	Pyrene	ND	4.8	0.96	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.96	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%		14-62%
4165-62-2	Phenol-d5	24%		10-40%
118-79-6	2,4,6-Tribromophenol	74%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW15		
Lab Sample ID:	F48137-10	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	66%		42-108%
321-60-8	2-Fluorobiphenyl	67%		40-106%
1718-51-0	Terphenyl-d14	83%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW15		
Lab Sample ID:	F48137-10	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ023882.D	1	03/26/07	AF	n/a	n/a	GQQ905
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107%		70-120%
98-08-8	aaa-Trifluorotoluene	87%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW15		
Lab Sample ID:	F48137-10	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026249.D	1	03/23/07	MM	n/a	n/a	GUV1512
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	94%		70-130%
460-00-4	BFB	84%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW15		
Lab Sample ID:	F48137-10	**Date Sampled:**	03/20/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22913.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	78%		40-140%
580-13-2	2-Bromonaphthalene	74%		40-140%
84-15-1	o-Terphenyl	90%		40-140%
321-60-8	2-Fluorobiphenyl	82%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW17		
Lab Sample ID:	F48137-11	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R07315.D	1	03/27/07	RB	03/26/07	OP19946	SR342
Run #2	R07358.D	5	03/30/07	RB	03/26/07	OP19946	SR344

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2	980 ml	1.0 ml

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	26	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.1	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.1	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.1	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.1	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	26	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.1	ug/l	
95-48-7	2-Methylphenol	ND	5.1	2.0	ug/l	
	3&4-Methylphenol	ND	5.1	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.1	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	26	10	ug/l	
87-86-5	Pentachlorophenol	ND	26	10	ug/l	
108-95-2	Phenol	ND	5.1	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.1	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.1	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.1	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.1	1.0	ug/l	
120-12-7	Anthracene	ND	5.1	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.1	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.1	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.1	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.1	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.1	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.1	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.1	ug/l	
86-74-8	Carbazole	ND	5.1	1.0	ug/l	
218-01-9	Chrysene	ND	5.1	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW17		
Lab Sample ID:	F48137-11	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.1	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.1	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.1	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.1	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.1	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.1	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.1	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.1	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	2.6	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.1	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	258 [a]	26	13	ug/l	
206-44-0	Fluoranthene	ND	5.1	1.0	ug/l	
86-73-7	Fluorene	ND	5.1	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.1	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.1	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.1	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.1	2.0	ug/l	
78-59-1	Isophorone	ND	5.1	1.0	ug/l	
91-57-6	2-Methylnaphthalene	27.4	5.1	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.1	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.1	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.1	ug/l	
91-20-3	Naphthalene	73.1	5.1	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.1	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.1	1.0	ug/l	
129-00-0	Pyrene	ND	5.1	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%	38%	14-62%
4165-62-2	Phenol-d5	28%	24%	10-40%
118-79-6	2,4,6-Tribromophenol	86%	85%	33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW17		
Lab Sample ID:	F48137-11	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	68%	61%	42-108%
321-60-8	2-Fluorobiphenyl	69%	72%	40-106%
1718-51-0	Terphenyl-d14	82%	80%	39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
100	Ethylbenzene	3.78	18	ug/l	JN
111	Ethanol, 2-butoxy-	4.11	39	ug/l	JNB
98	Benzene, (1-methylethyl)-	4.26	15	ug/l	JN
103	Benzene, propyl-	4.47	16	ug/l	JN
1678	Cyclohexane, (2-methylpropyl)-	4.98	13	ug/l	JN
496	Indane	5.02	43	ug/l	JN
135	Benzene, 1,2-diethyl-	5.07	31	ug/l	JN
488	Benzene, 1,2,3,4-tetramethyl-	5.13	13	ug/l	JN
135	Benzene, 1,2-diethyl-	5.14	17	ug/l	JN
4920	Benzene, 1-ethyl-3-(1-methylethyl)	5.40	19	ug/l	JN
4912	1H-Indene, 2,3-dihydro-1,1-dimethy	5.44	12	ug/l	JN
95	Benzene, 1,2,4,5-tetramethyl-	5.51	18	ug/l	JN
824	1-Phenyl-1-butene	5.75	67	ug/l	JN
119	Naphthalene, 1,2,3,4-tetrahydro-	5.84	36	ug/l	JN
54676	Cyclohexane, 2-butyl-1,1,3-trimeth	6.22	12	ug/l	JN
62108	Decane, 2,6,7-trimethyl-	6.49	38	ug/l	JN
1680	Naphthalene, 1,2,3,4-tetrahydro-6-	6.56	12	ug/l	JN
2809	Naphthalene, 1,2,3,4-tetrahydro-5-	6.75	18	ug/l	JN
1011	Cyclohexanone, 2-cyclohexylidene-	8.56	23	ug/l	JN
86	1-Naphthalenecarboxylic acid	9.89	14	ug/l	JN
	Total TIC, Semi-Volatile		435	ug/l	J

(a) Result is from Run# 2

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW17		
Lab Sample ID:	F48137-11	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ023883.D	1	03/26/07	AF	n/a	n/a	GQQ905
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	4.6	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	16.6	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	2.4	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene [b]	ND	2.0	2.0	ug/l	
100-41-4	Ethylbenzene	40.9	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	7.4	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	116%		70-120%
98-08-8	aaa-Trifluorotoluene	89%		73-118%

(a) All hits confirmed by GC/MS.
(b) Elevated reporting limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW17		
Lab Sample ID:	F48137-11	**Date Sampled:**	03/19/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026271.D	2	03/26/07	MM	n/a	n/a	GUV1513
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	150	100	ug/l	
	C9- C12 Aliphatics (Unadj.)	718	110	60	ug/l	
	C9- C10 Aromatics (Unadj.)	626	40	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	129%		70-130%
460-00-4	BFB	127%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW17		
Lab Sample ID:	F48137-11	Date Sampled:	03/19/07
Matrix:	AQ - Ground Water	Date Received:	03/22/07
Method:	MADEP-EPH-98-1 SW846 3510C	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22914.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	575	200	150	ug/l	
	C9-C18 Aliphatics	492	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	65%		40-140%
580-13-2	2-Bromonaphthalene	71%		40-140%
84-15-1	o-Terphenyl	72%		40-140%
321-60-8	2-Fluorobiphenyl	71%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW02		
Lab Sample ID:	F48137-12	**Date Sampled:**	03/21/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R07316.D	1	03/27/07	RB	03/26/07	OP19946	SR342
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW02		
Lab Sample ID:	F48137-12	Date Sampled:	03/21/07
Matrix:	AQ - Ground Water	Date Received:	03/22/07
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	32%		14-62%
4165-62-2	Phenol-d5	20%		10-40%
118-79-6	2,4,6-Tribromophenol	66%		33-118%

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW02		
Lab Sample ID:	F48137-12	**Date Sampled:**	03/21/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	60%		42-108%
321-60-8	2-Fluorobiphenyl	59%		40-106%
1718-51-0	Terphenyl-d14	72%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
111	Ethanol, 2-butoxy-	4.11	16	ug/l	JNB
	Total TIC, Semi-Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW02		
Lab Sample ID:	F48137-12	**Date Sampled:**	03/21/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ023884.D	1	03/26/07	AF	n/a	n/a	GQQ905
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	109%		70-120%
98-08-8	aaa-Trifluorotoluene	89%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW02		
Lab Sample ID:	F48137-12	**Date Sampled:**	03/21/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026251.D	1	03/23/07	MM	n/a	n/a	GUV1512
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	86%		70-130%
460-00-4	BFB	80%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW02		
Lab Sample ID:	F48137-12	**Date Sampled:**	03/21/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22915.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	77%		40-140%
580-13-2	2-Bromonaphthalene	55%		40-140%
84-15-1	o-Terphenyl	76%		40-140%
321-60-8	2-Fluorobiphenyl	69%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW03		
Lab Sample ID:	F48137-13	**Date Sampled:**	03/21/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R07317.D	1	03/27/07	RB	03/26/07	OP19946	SR342
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW03		
Lab Sample ID:	F48137-13	**Date Sampled:**	03/21/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		14-62%
4165-62-2	Phenol-d5	24%		10-40%
118-79-6	2,4,6-Tribromophenol	78%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW03		
Lab Sample ID:	F48137-13	**Date Sampled:**	03/21/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		42-108%
321-60-8	2-Fluorobiphenyl	69%		40-106%
1718-51-0	Terphenyl-d14	83%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
111	Ethanol, 2-butoxy-	4.11	34	ug/l	JNB
	Total TIC, Semi-Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW03		
Lab Sample ID:	F48137-13	**Date Sampled:**	03/21/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ023885.D	1	03/26/07	AF	n/a	n/a	GQQ905
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		70-120%
98-08-8	aaa-Trifluorotoluene	86%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW03		
Lab Sample ID:	F48137-13	**Date Sampled:**	03/21/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026252.D	1	03/23/07	MM	n/a	n/a	GUV1512
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	92%		70-130%
460-00-4	BFB	85%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW03		
Lab Sample ID:	F48137-13	**Date Sampled:**	03/21/07
Matrix:	AQ - Ground Water	**Date Received:**	03/22/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22916.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	79%		40-140%
580-13-2	2-Bromonaphthalene	74%		40-140%
84-15-1	o-Terphenyl	91%		40-140%
321-60-8	2-Fluorobiphenyl	96%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANKS		
Lab Sample ID:	F48137-14	**Date Sampled:**	03/21/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	03/22/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ023886.D	1	03/26/07	AF	n/a	n/a	GQQ905
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	111%		70-120%
98-08-8	aaa-Trifluorotoluene	90%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST Laboratories
4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: F48137
ACCUTEST QUOTE #:

CLIENT INFORMATION
NAME: OSAGE of Virginia
ADDRESS: 2418 A Colley Ave
CITY, STATE, ZIP: Norfolk VA 23517
SEND REPORT TO: Mike Cree
PHONE #: (757) 440-0400

FACILITY INFORMATION
PROJECT NAME: Rapid Response
LOCATION: MCAS New River NC
PROJECT NO.: CTO 001
FAX #: (757) 440-0411

ANALYTICAL INFORMATION

MATRIX CODES
DW - DRINKING WATER
GW - GROUND WATER
WW - WASTE WATER
SO - SOIL
SL - SLUDGE
OI - OIL
LIQ - OTHER LIQUID
SOL - OTHER SOLID

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION H2SO4	PRESERVATION NONE	602 + Xylenes + MTBE	625 + TICs	MADEP VPH	MADEP EPH	LAB USE ONLY
1	USTAS497-MW01	3/19/07	1458	TE	GW	10	X		X X	X	X	X	X	
2	USTAS497-MW02	3/19/07	1525	TE	GW	10	X		X X	X	X	X	X	
3	USTAS497-MW03	3/20/07	1025	TE	GW	10	X		X X	X	X	X	X	
4	USTAS497-MW04	3/19/07	1635	TE	GW	10	X		X X	X	X	X	X	
5	USTAS497-MW06	3/19/07	1426	TE	GW	10	X		X X	X	X	X	X	
6	UST RR-MW05	3/20/07	1355	TE	GW	10	X		X X	X	X	X	X	
7	UST RR-MW10	3/20/07	1515	TE	GW	10	X		X X	X	X	X	X	
8	UST RR-MW11	3/20/07	1130	TE	GW	10	X		X X	X	X	X	X	
9	UST RR-MW14	3/20/07	1145	TE	GW	10	X		X X	X	X	X	X	
10	UST RR-MW15	3/20/07	1545	TE	GW	10	X		X X	X	X	X	X	
11	UST RR-MW17	3/19/07	1400	TE	GW	10	X		X X	X	X	X	X	

DATA TURNAROUND INFORMATION
- [X] STANDARD
- [ ] 48 HOUR RUSH
- [ ] 24 HOUR EMERGENCY
- [ ] OTHER

APPROVED BY:
EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION
- [ ] STANDARD
- [ ] COMMERCIAL "B"
- [ ] DISK DELIVERABLE
- [ ] STATE FORMS
- [X] OTHER (SPECIFY) EDD Format

COMMENTS/REMARKS
Email Results in "EDD Format" to: mcree@OSAGEVA.com
James.wilson@shawgrp.com
mark.martin@shawgrp.com

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY: SAMPLER:	DATE TIME: 1745 3/20/07	RECEIVED BY: 1. FED EX	RELINQUISHED BY: 2. FX	DATE TIME: 3-22-07 9:00	RECEIVED BY: 2. Jorge Corral
RELINQUISHED BY: 3.	DATE TIME: 3/21/07	RECEIVED BY: 3.	RELINQUISHED BY: 4.	DATE TIME:	RECEIVED BY: 4.
RELINQUISHED BY: 5.	DATE TIME:	RECEIVED BY: 5.	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE 1-8 C

02 04 A 148 1.2 L4

F48137: Chain of Custody
Page 1 of 4

CHAIN OF CUSTODY

ACCUTEST Laboratories
4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: F48137
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: OSAGE of VIRGINIA
ADDRESS: 2618 A Colley Ave
CITY, STATE, ZIP: Norfolk VA 23517
SEND REPORT TO: Mike Crist
PHONE #: (757) 440-0400

FACILITY INFORMATION

PROJECT NAME: RAPID REFUSITE
LOCATION: MCAS NEW RIVER NC
PROJECT NO.: CTO 001
FAX #: (757) 440-0411

ANALYTICAL INFORMATION

BTEX + MTBE | VOCs + TICs | MADEP EPH | MADEP VPH

MATRIX CODES

DW - DRINKING WATER
GW - GROUND WATER
WW - WASTE WATER
SO - SOIL
SL - SLUDGE
OI - OIL
LIQ - OTHER LIQUID
SOL - OTHER SOLID

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION NaOH	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION None	BTEX + MTBE	VOCs + TICs	MADEP EPH	MADEP VPH	LAB USE ONLY
12	USTRR-MW02	3/21/07		TE	GW	10	X			X	X	X	X	X	X	
13	USTRR-MW03	3/21/07		TE	GW	10	X			X	X	X	X	X	X	
14	TRIP BLANKS	3/21/07	LAB	LAB	W	2	X					X				
	TEMP BLANK	3/21/07	LAB	LAB	W	1					X					

DATA TURNAROUND INFORMATION

- [X] STANDARD
- [ ] 48 HOUR RUSH
- [ ] 24 HOUR EMERGENCY
- [ ] OTHER

APPROVED BY:

EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- [ ] STANDARD
- [ ] COMMERCIAL "B"
- [ ] DISK DELIVERABLE
- [ ] STATE FORMS
- [X] OTHER (SPECIFY) EDD Format

COMMENTS/REMARKS

Email Results to:
merte@osageva.com +
James.wilson@shawgrp.com
mark.martin@shawgrp.com

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

RELINQUISHED BY: SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1.	3/21/07 1635	1. FED EX	2. FX	3-22-07 9:20	2. Jorge Cocal
3.		3.	4.		4.
5.		5.	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE ____ C

3.1 3

F48137: Chain of Custody
Page 2 of 4

CHAIN OF CUSTODY

ACCUTEST Laboratories

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: F48137
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: OSAGE of VA
ADDRESS: 3618 A Colley Ave
CITY, STATE, ZIP: Norfolk VA 23517
SEND REPORT TO: Mike Cree
PHONE #: (757) 440-0400

FACILITY INFORMATION

PROJECT NAME: Rapid Refueler
LOCATION: MCAS New River NC
PROJECT NO.: CTO 201
FAX #: (757) 440-0411

ANALYTICAL INFORMATION

602 + Xylenes-MTBE

MATRIX CODES

DW - DRINKING WATER
GW - GROUND WATER
WW - WASTE WATER
SO - SOIL
SL - SLUDGE
OI - OIL
LIQ - OTHER LIQUID
SOL - OTHER SOLID

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION NaOH	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	LAB USE ONLY
15	TRIP BLANKS	3/20/07	LAB	LAB	W	2	X					V
	TEMP BLANKS	3/20/07	LAB	LAB	W	6					X	

DATA TURNAROUND INFORMATION

- [X] STANDARD
- [ ] 48 HOUR RUSH
- [ ] 24 HOUR EMERGENCY
- [ ] OTHER

APPROVED BY:

EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- [ ] STANDARD
- [ ] COMMERCIAL "B"
- [ ] DISK DELIVERABLE
- [ ] STATE FORMS
- [X] OTHER (SPECIFY) EDD Format

COMMENTS/REMARKS

See comments on page 1
FEDEX BILLS: 8600 5198 0905; 0824 0918 0838; 0835 0879

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1.	3/21/07 1146	1. FEDEX	2. FX	3-22-07 9:00	2. Jorge Corral
RELINQUISHED BY: 3.	DATE TIME: 3/21/07	RECEIVED BY: 3.	RELINQUISHED BY: 4.	DATE TIME:	RECEIVED BY: 4.
RELINQUISHED BY: 5.	DATE TIME:	RECEIVED BY: 5.	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE ____ C

3.1 3

F48137: Chain of Custody
Page 3 of 4

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F48137 CLIENT: Osage of Virginia PROJECT: RAPID Refueler

DATE/TIME RECEIVED: 3-22-07 9:00 # OF COOLERS RECEIVED: 7 COOLER TEMPS: 0.2, 0.4, 0.6, 0.8, 1.2, 1.4, 1.8

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8600 5198 0916

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [x] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [x] TRIP BLANK NOT INTACT
- [x] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DOES NOT MATCH LABEL(S)
- [ ] ID'S ON COC DOES NOT MATCH LABEL(S)
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [x] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

MISC. INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OR LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS: Sample #15 received one trip blank Vial broken

TECHNICIAN SIGNATURE/DATE: SMC 3-22-07 TECHNICIAN SIGNATURE/DATE: JE 03-22-07 ASBD 10/03/06

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F48137: Chain of Custody
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GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19946-MB	R07304.D	1	03/27/07	RB	03/26/07	OP19946	SR342

The QC reported here applies to the following samples: Method: EPA 625

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19946-MB	R07304.D	1	03/27/07	RB	03/26/07	OP19946	SR342

The QC reported here applies to the following samples: Method: EPA 625

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	36%	14-62%
4165-62-2	Phenol-d5	23%	10-40%

Method Blank Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19946-MB	R07304.D	1	03/27/07	RB	03/26/07	OP19946	SR342

The QC reported here applies to the following samples: Method: EPA 625

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	71%	33-118%
4165-60-0	Nitrobenzene-d5	65%	42-108%
321-60-8	2-Fluorobiphenyl	66%	40-106%
1718-51-0	Terphenyl-d14	86%	39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
111	Ethanol, 2-butoxy-	4.11	40	ug/l	JN
	Total TIC, Semi-Volatile		40	ug/l	J

Method Blank Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19946-MB	R07356.D	1	03/30/07	RB	03/26/07	OP19946	SR344

The QC reported here applies to the following samples: Method: EPA 625

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19946-MB	R07356.D	1	03/30/07	RB	03/26/07	OP19946	SR344

The QC reported here applies to the following samples: Method: EPA 625

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	36%	14-62%
4165-62-2	Phenol-d5	22%	10-40%

Method Blank Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19946-MB	R07356.D	1	03/30/07	RB	03/26/07	OP19946	SR344

The QC reported here applies to the following samples: Method: EPA 625

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	76%	33-118%
4165-60-0	Nitrobenzene-d5	65%	42-108%
321-60-8	2-Fluorobiphenyl	64%	40-106%
1718-51-0	Terphenyl-d14	81%	39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
111	Ethanol, 2-butoxy-	4.11	41	ug/l	JN
	Total TIC, Semi-Volatile		41	ug/l	J

Blank Spike Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19946-BS	R07303.D	1	03/27/07	RB	03/26/07	OP19946	SR342

The QC reported here applies to the following samples: Method: EPA 625

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	16.8	17	10-50
95-57-8	2-Chlorophenol	50	28.7	57	44-103
59-50-7	4-Chloro-3-methyl phenol	50	32.5	65	53-105
120-83-2	2,4-Dichlorophenol	50	32.2	64	53-108
105-67-9	2,4-Dimethylphenol	50	25.9	52	37-91
51-28-5	2,4-Dinitrophenol	100	62.0	62	37-111
534-52-1	4,6-Dinitro-o-cresol	100	76.3	76	62-115
95-48-7	2-Methylphenol	50	25.2	50	35-91
	3&4-Methylphenol	100	46.7	47	32-85
88-75-5	2-Nitrophenol	50	30.7	61	49-111
100-02-7	4-Nitrophenol	100	27.9	28	13-55
87-86-5	Pentachlorophenol	100	78.8	79	57-118
108-95-2	Phenol	50	13.2	26	13-54
95-95-4	2,4,5-Trichlorophenol	50	35.2	70	59-106
88-06-2	2,4,6-Trichlorophenol	50	33.8	68	58-107
83-32-9	Acenaphthene	50	35.0	70	58-106
208-96-8	Acenaphthylene	50	34.1	68	58-105
120-12-7	Anthracene	50	37.8	76	65-108
56-55-3	Benzo(a)anthracene	50	38.5	77	63-111
50-32-8	Benzo(a)pyrene	50	38.9	78	62-106
205-99-2	Benzo(b)fluoranthene	50	40.0	80	63-109
191-24-2	Benzo(g,h,i)perylene	50	38.6	77	61-111
207-08-9	Benzo(k)fluoranthene	50	40.9	82	64-111
101-55-3	4-Bromophenyl phenyl ether	50	38.0	76	64-107
85-68-7	Butyl benzyl phthalate	50	40.8	82	59-114
100-51-6	Benzyl Alcohol	50	25.5	51	34-98
91-58-7	2-Chloronaphthalene	50	33.3	67	54-105
106-47-8	4-Chloroaniline	50	31.0	62	53-103
86-74-8	Carbazole	50	36.8	74	66-109
218-01-9	Chrysene	50	39.5	79	64-111
111-91-1	bis(2-Chloroethoxy)methane	50	30.3	61	48-101
111-44-4	bis(2-Chloroethyl)ether	50	30.4	61	51-108
108-60-1	bis(2-Chloroisopropyl)ether	50	30.3	61	43-106
7005-72-3	4-Chlorophenyl phenyl ether	50	36.3	73	61-107
95-50-1	1,2-Dichlorobenzene	50	29.8	60	41-102
541-73-1	1,3-Dichlorobenzene	50	29.4	59	38-100

Blank Spike Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19946-BS	R07303.D	1	03/27/07	RB	03/26/07	OP19946	SR342

The QC reported here applies to the following samples: Method: EPA 625

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-46-7	1,4-Dichlorobenzene	50	29.4	59	40-100
121-14-2	2,4-Dinitrotoluene	50	35.9	72	60-109
606-20-2	2,6-Dinitrotoluene	50	33.9	68	58-104
91-94-1	3,3'-Dichlorobenzidine	50	35.2	70	57-105
53-70-3	Dibenzo(a,h)anthracene	50	38.1	76	62-112
132-64-9	Dibenzofuran	50	34.0	68	61-108
84-74-2	Di-n-butyl phthalate	50	37.4	75	62-109
117-84-0	Di-n-octyl phthalate	50	44.1	88	60-120
84-66-2	Diethyl phthalate	50	37.4	75	62-109
131-11-3	Dimethyl phthalate	50	36.4	73	63-106
117-81-7	bis(2-Ethylhexyl)phthalate	50	40.9	82	59-116
206-44-0	Fluoranthene	50	37.9	76	65-114
86-73-7	Fluorene	50	36.4	73	61-106
118-74-1	Hexachlorobenzene	50	37.9	76	62-107
87-68-3	Hexachlorobutadiene	50	30.6	61	38-107
77-47-4	Hexachlorocyclopentadiene	50	27.2	54	19-84
67-72-1	Hexachloroethane	50	29.2	58	35-101
193-39-5	Indeno(1,2,3-cd)pyrene	50	38.9	78	61-113
78-59-1	Isophorone	50	34.5	69	56-111
91-57-6	2-Methylnaphthalene	50	32.0	64	56-112
88-74-4	2-Nitroaniline	50	34.8	70	60-109
99-09-2	3-Nitroaniline	50	33.2	66	52-107
100-01-6	4-Nitroaniline	50	33.6	67	59-111
91-20-3	Naphthalene	50	31.5	63	50-104
98-95-3	Nitrobenzene	50	31.2	62	52-105
621-64-7	N-Nitroso-di-n-propylamine	50	30.9	62	51-104
86-30-6	N-Nitrosodiphenylamine	50	36.6	73	57-110
85-01-8	Phenanthrene	50	38.5	77	65-108
129-00-0	Pyrene	50	41.2	82	60-113
120-82-1	1,2,4-Trichlorobenzene	50	31.0	62	45-104

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	36%	14-62%
4165-62-2	Phenol-d5	24%	10-40%

Blank Spike Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19946-BS	R07303.D	1	03/27/07	RB	03/26/07	OP19946	SR342

The QC reported here applies to the following samples: Method: EPA 625

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13

CAS No.	Surrogate Recoveries	BSP	Limits
118-79-6	2,4,6-Tribromophenol	76%	33-118%
4165-60-0	Nitrobenzene-d5	62%	42-108%
321-60-8	2-Fluorobiphenyl	64%	40-106%
1718-51-0	Terphenyl-d14	82%	39-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19946-MS	R07318.D	1	03/27/07	RB	03/26/07	OP19946	SR342
OP19946-MSD	R07319.D	1	03/27/07	RB	03/26/07	OP19946	SR342
F48137-4	R07308.D	1	03/27/07	RB	03/26/07	OP19946	SR342

The QC reported here applies to the following samples: Method: EPA 625

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13

CAS No.	Compound	F48137-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND		196	84.2	43	92.6	47	10	10-50/40
95-57-8	2-Chlorophenol	ND		98	66.8	68	74.4	76	11	44-103/29
59-50-7	4-Chloro-3-methyl phenol	ND		98	71.5	73	78.4	80	9	53-105/24
120-83-2	2,4-Dichlorophenol	ND		98	73.6	75	81.4	83	10	53-108/26
105-67-9	2,4-Dimethylphenol	ND		98	57.2	58	64.5	66	12	37-91/28
51-28-5	2,4-Dinitrophenol	ND		196	132	67	145	74	9	37-111/30
534-52-1	4,6-Dinitro-o-cresol	ND		196	154	79	169	86	9	62-115/26
95-48-7	2-Methylphenol	ND		98	64.1	65	71.2	73	10	35-91/30
	3&4-Methylphenol	ND		196	123	63	138	70	11	32-85/29
88-75-5	2-Nitrophenol	ND		98	71.4	73	78.4	80	9	49-111/30
100-02-7	4-Nitrophenol	ND		196	90.7	46	102	52	12	13-55/31
87-86-5	Pentachlorophenol	ND		196	162	83	176	90	8	57-118/26
108-95-2	Phenol	ND		98	42.1	43	49.4	50	16	13-54/34
95-95-4	2,4,5-Trichlorophenol	ND		98	76.5	78	82.9	85	8	59-106/23
88-06-2	2,4,6-Trichlorophenol	ND		98	74.8	76	81.9	84	9	58-107/24
83-32-9	Acenaphthene	ND		98	75.3	77	81.7	83	8	58-106/21
208-96-8	Acenaphthylene	ND		98	74.4	76	80.3	82	8	58-105/21
120-12-7	Anthracene	ND		98	76.5	78	81.6	83	6	65-108/19
56-55-3	Benzo(a)anthracene	ND		98	78.6	80	83.2	85	6	63-111/19
50-32-8	Benzo(a)pyrene	ND		98	76.8	78	82.1	84	7	62-106/20
205-99-2	Benzo(b)fluoranthene	ND		98	79.2	81	83.6	85	5	63-109/20
191-24-2	Benzo(g,h,i)perylene	ND		98	78.5	80	83.5	85	6	61-111/21
207-08-9	Benzo(k)fluoranthene	ND		98	78.5	80	84.7	86	8	64-111/20
101-55-3	4-Bromophenyl phenyl ether	ND		98	78.3	80	83.4	85	6	64-107/20
85-68-7	Butyl benzyl phthalate	ND		98	85.0	87	90.1	92	6	59-114/20
100-51-6	Benzyl Alcohol	ND		98	67.2	69	73.8	75	9	34-98/27
91-58-7	2-Chloronaphthalene	ND		98	74.4	76	80.8	82	8	54-105/24
106-47-8	4-Chloroaniline	ND		98	62.3	64	73.2	75	16	53-103/22
86-74-8	Carbazole	ND		98	74.3	76	79.8	81	7	66-109/20
218-01-9	Chrysene	ND		98	79.0	81	84.8	86	7	64-111/19
111-91-1	bis(2-Chloroethoxy)methane	ND		98	67.7	69	74.7	76	10	48-101/28
111-44-4	bis(2-Chloroethyl)ether	ND		98	67.4	69	74.3	76	10	51-108/27
108-60-1	bis(2-Chloroisopropyl)ether	ND		98	65.9	67	72.8	74	10	43-106/27
7005-72-3	4-Chlorophenyl phenyl ether	ND		98	75.5	77	80.9	83	7	61-107/20
95-50-1	1,2-Dichlorobenzene	ND		98	67.9	69	74.7	76	10	41-102/28
541-73-1	1,3-Dichlorobenzene	ND		98	67.7	69	74.4	76	9	38-100/28

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19946-MS	R07318.D	1	03/27/07	RB	03/26/07	OP19946	SR342
OP19946-MSD	R07319.D	1	03/27/07	RB	03/26/07	OP19946	SR342
F48137-4	R07308.D	1	03/27/07	RB	03/26/07	OP19946	SR342

The QC reported here applies to the following samples: Method: EPA 625

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13

CAS No.	Compound	F48137-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
106-46-7	1,4-Dichlorobenzene	ND		98	66.5	68	73.8	75	10	40-100/28
121-14-2	2,4-Dinitrotoluene	ND		98	72.0	73	78.9	80	9	60-109/20
606-20-2	2,6-Dinitrotoluene	ND		98	69.8	71	77.3	79	10	58-104/21
91-94-1	3,3'-Dichlorobenzidine	ND		98	59.6	61	75.4	77	23	57-105/25
53-70-3	Dibenzo(a,h)anthracene	ND		98	77.2	79	82.0	84	6	62-112/20
132-64-9	Dibenzofuran	ND		98	72.7	74	78.8	80	8	61-108/20
84-74-2	Di-n-butyl phthalate	ND		98	76.5	78	81.8	83	7	62-109/20
117-84-0	Di-n-octyl phthalate	ND		98	92.1	94	98.3	100	7	60-120/24
84-66-2	Diethyl phthalate	ND		98	75.8	77	81.5	83	7	62-109/19
131-11-3	Dimethyl phthalate	ND		98	75.3	77	80.8	82	7	63-106/19
117-81-7	bis(2-Ethylhexyl)phthalate	ND		98	87.3	89	91.9	94	5	59-116/21
206-44-0	Fluoranthene	ND		98	75.7	77	81.9	84	8	65-114/21
86-73-7	Fluorene	ND		98	76.0	78	82.3	84	8	61-106/19
118-74-1	Hexachlorobenzene	ND		98	77.7	79	82.1	84	6	62-107/20
87-68-3	Hexachlorobutadiene	ND		98	72.9	74	80.7	82	10	38-107/30
77-47-4	Hexachlorocyclopentadiene	ND		98	62.1	63	65.0	66	5	19-84/35
67-72-1	Hexachloroethane	ND		98	66.6	68	74.4	76	11	35-101/29
193-39-5	Indeno(1,2,3-cd)pyrene	ND		98	78.4	80	83.0	85	6	61-113/20
78-59-1	Isophorone	ND		98	77.8	79	85.2	87	9	56-111/26
91-57-6	2-Methylnaphthalene	ND		98	72.0	73	79.3	81	10	56-112/26
88-74-4	2-Nitroaniline	ND		98	73.7	75	80.4	82	9	60-109/20
99-09-2	3-Nitroaniline	ND		98	60.3	62	68.0	69	12	52-107/21
100-01-6	4-Nitroaniline	ND		98	66.7	68	73.7	75	10	59-111/21
91-20-3	Naphthalene	ND		98	70.7	72	78.3	80	10	50-104/28
98-95-3	Nitrobenzene	ND		98	70.2	72	77.5	79	10	52-105/28
621-64-7	N-Nitroso-di-n-propylamine	ND		98	68.3	70	75.7	77	10	51-104/28
86-30-6	N-Nitrosodiphenylamine	ND		98	73.7	75	78.7	80	7	57-110/19
85-01-8	Phenanthrene	ND		98	76.3	78	82.4	84	8	65-108/20
129-00-0	Pyrene	ND		98	82.1	84	87.4	89	6	60-113/20
120-82-1	1,2,4-Trichlorobenzene	ND		98	71.1	73	79.0	81	11	45-104/28

CAS No.	Surrogate Recoveries	MS	MSD	F48137-4	Limits
367-12-4	2-Fluorophenol	54%	62%	35%	14-62%
4165-62-2	Phenol-d5	44%*	50%*	22%	10-40%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19946-MS	R07318.D	1	03/27/07	RB	03/26/07	OP19946	SR342
OP19946-MSD	R07319.D	1	03/27/07	RB	03/26/07	OP19946	SR342
F48137-4	R07308.D	1	03/27/07	RB	03/26/07	OP19946	SR342

The QC reported here applies to the following samples: Method: EPA 625

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13

CAS No.	Surrogate Recoveries	MS	MSD	F48137-4	Limits
118-79-6	2,4,6-Tribromophenol	80%	85%	70%	33-118%
4165-60-0	Nitrobenzene-d5	71%	78%	64%	42-108%
321-60-8	2-Fluorobiphenyl	74%	79%	67%	40-106%
1718-51-0	Terphenyl-d14	84%	88%	76%	39-121%

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1512-MB	UV026235.D	1	03/23/07	MM	n/a	n/a	GUV1512

The QC reported here applies to the following samples: Method: MADEP VPH

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-8, F48137-9, F48137-10, F48137-12, F48137-13

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	BFB	96%	70-130%
460-00-4	BFB	90%	70-130%

Method Blank Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1513-MB	UV026265.D	1	03/26/07	MM	n/a	n/a	GUV1513

The QC reported here applies to the following samples: Method: MADEP VPH

F48137-7, F48137-11

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	BFB	100%	70-130%
460-00-4	BFB	90%	70-130%

Method Blank Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ905-MB	QQ023870.D	1	03/26/07	AF	n/a	n/a	GQQ905

The QC reported here applies to the following samples: Method: SW846 8021B

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13, F48137-14

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	104%	70-120%
98-08-8	aaa-Trifluorotoluene	87%	73-118%

Blank Spike Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1512-BS	UV026236.D	1	03/23/07	MM	n/a	n/a	GUV1512

The QC reported here applies to the following samples: Method: MADEP VPH

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-8, F48137-9, F48137-10, F48137-12, F48137-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C5- C8 Aliphatics (Unadj.)	480	477	99	70-130
	C9- C12 Aliphatics (Unadj.)	480	497	104	70-130
	C9- C10 Aromatics (Unadj.)	80	89.7	112	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	BFB	122%	70-130%
460-00-4	BFB	107%	70-130%

Blank Spike Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1513-BS	UV026264.D	1	03/26/07	MM	n/a	n/a	GUV1513

The QC reported here applies to the following samples: Method: MADEP VPH

F48137-7, F48137-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C5- C8 Aliphatics (Unadj.)	480	459	96	70-130
	C9- C12 Aliphatics (Unadj.)	480	490	102	70-130
	C9- C10 Aromatics (Unadj.)	80	86.2	108	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	BFB	122%	70-130%
460-00-4	BFB	105%	70-130%

Blank Spike Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ905-BS	QQ023869.D	1	03/26/07	AF	n/a	n/a	GQQ905

The QC reported here applies to the following samples: Method: SW846 8021B

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13, F48137-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	17.8	89	80-120
108-90-7	Chlorobenzene	20	19.6	98	79-118
95-50-1	1,2-Dichlorobenzene	20	20.5	103	76-117
541-73-1	1,3-Dichlorobenzene	20	20.7	104	78-120
106-46-7	1,4-Dichlorobenzene	20	20.9	105	78-117
100-41-4	Ethylbenzene	20	19.0	95	79-121
1634-04-4	Methyl Tert Butyl Ether	20	18.8	94	72-113
108-88-3	Toluene	20	18.2	91	79-121
1330-20-7	Xylenes (total)	60	57.2	95	80-119

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	111%	70-120%
98-08-8	aaa-Trifluorotoluene	89%	73-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48137-2MS	QQ023887.D	1	03/26/07	AF	n/a	n/a	GQQ905
F48137-2MSD	QQ023888.D	1	03/26/07	AF	n/a	n/a	GQQ905
F48137-2	QQ023872.D	1	03/26/07	AF	n/a	n/a	GQQ905

The QC reported here applies to the following samples: Method: EPA 601/602

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13, F48137-14

CAS No.	Compound	F48137-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	17.8	89	17.6	88	1	80-120/10
108-90-7	Chlorobenzene	ND		20	19.6	98	19.3	97	2	79-118/10
95-50-1	1,2-Dichlorobenzene	ND		20	21.2	106	20.9	105	1	76-117/18
541-73-1	1,3-Dichlorobenzene	ND		20	20.9	105	20.6	103	1	78-120/13
106-46-7	1,4-Dichlorobenzene	ND		20	21.2	106	20.9	105	1	78-117/11
100-41-4	Ethylbenzene	ND		20	18.9	95	18.7	94	1	79-121/9
1634-04-4	Methyl Tert Butyl Ether	ND		20	19.3	97	19.2	96	1	72-113/13
108-88-3	Toluene	ND		20	18.2	91	17.9	90	2	79-121/10
1330-20-7	Xylenes (total)	ND		60	57.0	95	56.2	94	1	80-119/8

CAS No.	Surrogate Recoveries	MS	MSD	F48137-2	Limits
460-00-4	4-Bromofluorobenzene	110%	112%	104%	70-120%
98-08-8	aaa-Trifluorotoluene	86%	88%	87%	73-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48137-2MS	UV026255.D	1	03/23/07	MM	n/a	n/a	GUV1512
F48137-2MSD	UV026256.D	1	03/23/07	MM	n/a	n/a	GUV1512
F48137-2	UV026238.D	1	03/23/07	MM	n/a	n/a	GUV1512

The QC reported here applies to the following samples: Method: MADEP VPH

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-8, F48137-9, F48137-10, F48137-12, F48137-13

CAS No.	Compound	F48137-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C5- C8 Aliphatics (Unadj.)	ND		480	405	84	442	92	9	70-130/50
	C9- C12 Aliphatics (Unadj.)	ND		480	422	88	452	94	7	70-130/50
	C9- C10 Aromatics (Unadj.)	ND		80	77.5	97	81.8	102	5	70-130/50

CAS No.	Surrogate Recoveries	MS	MSD	F48137-2	Limits
460-00-4	BFB	109%	111%	98%	70-130%
460-00-4	BFB	97%	97%	94%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48137-11MS	UV026268.D	1	03/26/07	MM	n/a	n/a	GUV1513
F48137-11MSD	UV026272.D	1	03/26/07	MM	n/a	n/a	GUV1513
F48137-11	UV026271.D	2	03/26/07	MM	n/a	n/a	GUV1513

The QC reported here applies to the following samples: Method: MADEP VPH

F48137-7, F48137-11

CAS No.	Compound	F48137-11 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C5- C8 Aliphatics (Unadj.)	ND		480	440	92	555	116	23	70-130/50
	C9- C12 Aliphatics (Unadj.)	718		480	1230	107	1300	121	6	70-130/50
	C9- C10 Aromatics (Unadj.)	626		80	790	205* [a]	824	248* [a]	4	70-130/50

CAS No.	Surrogate Recoveries	MS	MSD	F48137-11	Limits
460-00-4	BFB	127%	123%	129%	70-130%
460-00-4	BFB	129%	124%	127%	70-130%

(a) Outside control limits due to high level in sample relative to spike amount.

Duplicate Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48137-1DUP	UV026254.D	1	03/23/07	MM	n/a	n/a	GUV1512
F48137-1	UV026237.D	1	03/23/07	MM	n/a	n/a	GUV1512

The QC reported here applies to the following samples: Method: MADEP VPH

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-8, F48137-9, F48137-10, F48137-12, F48137-13

CAS No.	Compound	F48137-1 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C5- C8 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C12 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C10 Aromatics (Unadj.)	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F48137-1	Limits
460-00-4	BFB	90%	100%	70-130%
460-00-4	BFB	80%	87%	70-130%

Duplicate Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48137-7DUP	UV026270.D	2	03/26/07	MM	n/a	n/a	GUV1513
F48137-7	UV026267.D	2	03/26/07	MM	n/a	n/a	GUV1513

The QC reported here applies to the following samples: Method: MADEP VPH

F48137-7, F48137-11

CAS No.	Compound	F48137-7 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C5- C8 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C12 Aliphatics (Unadj.)	726		729		0	
	C9- C10 Aromatics (Unadj.)	650		647		0	

CAS No.	Surrogate Recoveries	DUP	F48137-7	Limits
460-00-4	BFB	120%	119%	70-130%
460-00-4	BFB	108%	104%	70-130%

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19960-MB	ZF22899.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	80%	40-140%
580-13-2	2-Bromonaphthalene	76%	40-140%
84-15-1	o-Terphenyl	81%	40-140%
321-60-8	2-Fluorobiphenyl	85%	40-140%

Blank Spike Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19960-BS	ZF22898.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C11-C22 Aromatics (Unadj.)	1700	1260	74	40-140
	C9-C18 Aliphatics	600	533	89	40-140
	C19-C36 Aliphatics	800	758	95	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
3386-33-2	1-Chlorooctadecane	83%	40-140%
580-13-2	2-Bromonaphthalene	78%	40-140%
84-15-1	o-Terphenyl	74%	40-140%
321-60-8	2-Fluorobiphenyl	70%	40-140%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19960-MS	ZF22910.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077
OP19960-MSD	ZF22911.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077
F48137-8	ZF22909.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13

CAS No.	Compound	F48137-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C11-C22 Aromatics (Unadj.)	ND		3400	2640	78	3270	96	21	40-140/50
	C9-C18 Aliphatics	ND		1200	1090	91	1130	94	4	40-140/50
	C19-C36 Aliphatics	ND		1600	1490	93	1620	101	8	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	F48137-8	Limits
3386-33-2	1-Chlorooctadecane	81%	84%	70%	40-140%
580-13-2	2-Bromonaphthalene	71%	81%	86%	40-140%
84-15-1	o-Terphenyl	78%	90%	87%	40-140%
321-60-8	2-Fluorobiphenyl	81%	91%	87%	40-140%

Duplicate Summary

Job Number: F48137
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19960-DUP	ZF22917.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077
F48137-13	ZF22916.D	1	04/05/07	ME	03/27/07	OP19960	GZF1077

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F48137-1, F48137-2, F48137-3, F48137-4, F48137-5, F48137-6, F48137-7, F48137-8, F48137-9, F48137-10, F48137-11, F48137-12, F48137-13

CAS No.	Compound	F48137-13 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C11-C22 Aromatics (Unadj.)	ND		ND		nc	
	C9-C18 Aliphatics	ND		ND		nc	
	C19-C36 Aliphatics	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F48137-13	Limits
3386-33-2	1-Chlorooctadecane	77%	79%	40-140%
580-13-2	2-Bromonaphthalene	63%	74%	40-140%
84-15-1	o-Terphenyl	74%	91%	40-140%
321-60-8	2-Fluorobiphenyl	73%	96%	40-140%

6.4

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

04/17/07

Technical Report for

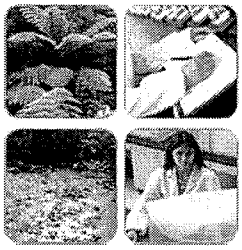
Osage of Virginia

Camp LeJeune; Rapid Refueler, NC

CTO 0001

Accutest Job Number: F48232

Sampling Dates: 03/22/07 - 03/23/07



Report to:

Osage of Virginia

mcree@osageva.com

ATTN: Mike Cree

Total number of pages in report: 83

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Accutest Laboratories

Sample Summary

Osage of Virginia

Job No: F48232

Camp LeJeune; Rapid Refueler, NC
Project No: CTO 0001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
F48232-1	03/22/07	15:50	TE	03/24/07	AQ	Ground Water	UST RR-MW06
F48232-2	03/22/07	14:45	TE	03/24/07	AQ	Ground Water	UST RR-MW07
F48232-3	03/23/07	10:25	TE	03/24/07	AQ	Ground Water	UST RR-MW09
F48232-4	03/22/07	11:00	TE	03/24/07	AQ	Ground Water	UST RR-MW21
F48232-5	03/22/07	10:17	TE	03/24/07	AQ	Ground Water	UST RR-MW23
F48232-6	03/22/07	12:45	TE	03/24/07	AQ	Ground Water	UST RR-MW03G
F48232-7	03/22/07	16:40	TE	03/24/07	AQ	Ground Water	UST RR-MW04G
F48232-8	03/23/07	13:05	TE	03/24/07	AQ	Ground Water	UST RR-MW06G
F48232-9	03/23/07	00:00	TE	03/24/07	AQ	Trip Blank Water	TRIP BLANKS

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW06		
Lab Sample ID:	F48232-1	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U001666.D	1	03/31/07	RB	03/29/07	OP19990	SU81
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.6	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.6	4.8	ug/l	
95-48-7	2-Methylphenol	ND	4.8	1.9	ug/l	
	3&4-Methylphenol	ND	4.8	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.6	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.6	ug/l	
108-95-2	Phenol	ND	4.8	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.96	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.96	ug/l	
120-12-7	Anthracene	ND	4.8	0.96	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.96	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.96	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.96	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.96	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.96	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.96	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.96	ug/l	
106-47-8	4-Chloroaniline	ND	9.6	3.8	ug/l	
86-74-8	Carbazole	ND	4.8	0.96	ug/l	
218-01-9	Chrysene	ND	4.8	0.96	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.96	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW06		
Lab Sample ID:	F48232-1	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.96	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.96	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.96	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.96	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.96	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.6	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.96	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.96	ug/l	
86-73-7	Fluorene	ND	4.8	0.96	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.96	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.8	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	1.9	ug/l	
78-59-1	Isophorone	ND	4.8	0.96	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.96	ug/l	
88-74-4	2-Nitroaniline	ND	9.6	3.8	ug/l	
99-09-2	3-Nitroaniline	ND	9.6	3.8	ug/l	
100-01-6	4-Nitroaniline	ND	9.6	3.8	ug/l	
91-20-3	Naphthalene	ND	4.8	0.96	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.96	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.96	ug/l	
129-00-0	Pyrene	ND	4.8	0.96	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.96	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	26%		14-62%
4165-62-2	Phenol-d5	17%		10-40%
118-79-6	2,4,6-Tribromophenol	57%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW06		
Lab Sample ID:	F48232-1	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	67%		42-108%
321-60-8	2-Fluorobiphenyl	61%		40-106%
1718-51-0	Terphenyl-d14	71%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW06		
Lab Sample ID:	F48232-1	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ024279.D	1	04/05/07	AF	n/a	n/a	GQQ918
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		70-120%
98-08-8	aaa-Trifluorotoluene	90%		73-118%

(a) Sample was treated with an anti-foaming agent.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW06		
Lab Sample ID:	F48232-1	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026275.D	1	03/26/07	MM	n/a	n/a	GUV1513
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	11.4	20	10	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	105%		70-130%
460-00-4	BFB	96%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW06		
Lab Sample ID:	F48232-1	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22940.D	1	04/09/07	MG	03/29/07	OP19995	GZF1078
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	62%		40-140%
580-13-2	2-Bromonaphthalene	63%		40-140%
84-15-1	o-Terphenyl	68%		40-140%
321-60-8	2-Fluorobiphenyl	82%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW07		
Lab Sample ID:	F48232-2	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U001667.D	1	03/31/07	RB	03/29/07	OP19990	SU81
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	28	11	ug/l	
95-57-8	2-Chlorophenol	ND	5.6	2.2	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.6	2.2	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.6	2.2	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.6	2.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	28	11	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	11	5.6	ug/l	
95-48-7	2-Methylphenol	ND	5.6	2.2	ug/l	
	3&4-Methylphenol	ND	5.6	2.2	ug/l	
88-75-5	2-Nitrophenol	ND	5.6	2.2	ug/l	
100-02-7	4-Nitrophenol	ND	28	11	ug/l	
87-86-5	Pentachlorophenol	ND	28	11	ug/l	
108-95-2	Phenol	ND	5.6	2.2	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.6	2.2	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.6	2.2	ug/l	
83-32-9	Acenaphthene	ND	5.6	1.1	ug/l	
208-96-8	Acenaphthylene	ND	5.6	1.1	ug/l	
120-12-7	Anthracene	ND	5.6	1.1	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.6	1.1	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.6	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.6	1.1	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.6	2.2	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.6	1.1	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.6	1.1	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.6	2.2	ug/l	
100-51-6	Benzyl Alcohol	ND	5.6	1.1	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.6	1.1	ug/l	
106-47-8	4-Chloroaniline	ND	11	4.4	ug/l	
86-74-8	Carbazole	ND	5.6	1.1	ug/l	
218-01-9	Chrysene	ND	5.6	1.1	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.6	1.1	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.6	2.2	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW07		
Lab Sample ID:	F48232-2	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.6	1.1	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.6	1.1	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.6	1.1	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.6	1.1	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.6	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.6	2.2	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.6	2.2	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	11	5.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.6	2.2	ug/l	
132-64-9	Dibenzofuran	ND	5.6	1.1	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.6	2.2	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.6	2.8	ug/l	
84-66-2	Diethyl phthalate	ND	5.6	2.2	ug/l	
131-11-3	Dimethyl phthalate	ND	5.6	2.2	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.6	2.8	ug/l	
206-44-0	Fluoranthene	ND	5.6	1.1	ug/l	
86-73-7	Fluorene	ND	5.6	1.1	ug/l	
118-74-1	Hexachlorobenzene	ND	5.6	1.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.6	2.2	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.6	2.2	ug/l	
67-72-1	Hexachloroethane	ND	5.6	2.2	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.6	2.2	ug/l	
78-59-1	Isophorone	ND	5.6	1.1	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.6	1.1	ug/l	
88-74-4	2-Nitroaniline	ND	11	4.4	ug/l	
99-09-2	3-Nitroaniline	ND	11	4.4	ug/l	
100-01-6	4-Nitroaniline	ND	11	4.4	ug/l	
91-20-3	Naphthalene	ND	5.6	1.1	ug/l	
98-95-3	Nitrobenzene	ND	5.6	1.1	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.6	2.2	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.6	2.2	ug/l	
85-01-8	Phenanthrene	ND	5.6	1.1	ug/l	
129-00-0	Pyrene	ND	5.6	1.1	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	1.1	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%		14-62%
4165-62-2	Phenol-d5	24%		10-40%
118-79-6	2,4,6-Tribromophenol	75%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW07		
Lab Sample ID:	F48232-2	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		42-108%
321-60-8	2-Fluorobiphenyl	63%		40-106%
1718-51-0	Terphenyl-d14	77%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW07		
Lab Sample ID:	F48232-2	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ024272.D	1	04/05/07	AF	n/a	n/a	GQQ918
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	102%		70-120%
98-08-8	aaa-Trifluorotoluene	96%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW07		
Lab Sample ID:	F48232-2	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026276.D	1	03/26/07	MM	n/a	n/a	GUV1513
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	100%		70-130%
460-00-4	BFB	89%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW07		
Lab Sample ID:	F48232-2	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22941.D	1	04/09/07	MG	03/29/07	OP19995	GZF1078
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	78%		40-140%
580-13-2	2-Bromonaphthalene	83%		40-140%
84-15-1	o-Terphenyl	95%		40-140%
321-60-8	2-Fluorobiphenyl	101%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW09		
Lab Sample ID:	F48232-3	**Date Sampled:**	03/23/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U001668.D	1	03/31/07	RB	03/29/07	OP19990	SU81
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW09		
Lab Sample ID:	F48232-3	**Date Sampled:**	03/23/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	35%		14-62%
4165-62-2	Phenol-d5	23%		10-40%
118-79-6	2,4,6-Tribromophenol	75%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW09		
Lab Sample ID:	F48232-3	**Date Sampled:**	03/23/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	67%		42-108%
321-60-8	2-Fluorobiphenyl	63%		40-106%
1718-51-0	Terphenyl-d14	69%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
10544	Cyclic octaatomic sulfur	11.18	28	ug/l	JN
	Total TIC, Semi-Volatile		28	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW09		
Lab Sample ID:	F48232-3	**Date Sampled:**	03/23/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ024273.D	1	04/05/07	AF	n/a	n/a	GQQ918
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		70-120%
98-08-8	aaa-Trifluorotoluene	89%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW09		
Lab Sample ID:	F48232-3	**Date Sampled:**	03/23/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026277.D	1	03/26/07	MM	n/a	n/a	GUV1513
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	101%		70-130%
460-00-4	BFB	89%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW09		
Lab Sample ID:	F48232-3	**Date Sampled:**	03/23/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22942.D	1	04/09/07	MG	03/29/07	OP19995	GZF1078
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	81%		40-140%
580-13-2	2-Bromonaphthalene	69%		40-140%
84-15-1	o-Terphenyl	72%		40-140%
321-60-8	2-Fluorobiphenyl	78%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW21		
Lab Sample ID:	F48232-4	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U001669.D	1	03/31/07	RB	03/29/07	OP19990	SU81
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	9.9	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	9.9	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.9	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	9.9	ug/l	
87-86-5	Pentachlorophenol	ND	25	9.9	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	0.99	ug/l	
208-96-8	Acenaphthylene	ND	5.0	0.99	ug/l	
120-12-7	Anthracene	ND	5.0	0.99	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	0.99	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	0.99	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	0.99	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	0.99	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.99	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.99	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.99	ug/l	
106-47-8	4-Chloroaniline	ND	9.9	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	0.99	ug/l	
218-01-9	Chrysene	ND	5.0	0.99	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.99	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW21		
Lab Sample ID:	F48232-4	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.99	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.99	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.99	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.99	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.99	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.9	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.99	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	0.99	ug/l	
86-73-7	Fluorene	ND	5.0	0.99	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.99	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	0.99	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	0.99	ug/l	
88-74-4	2-Nitroaniline	ND	9.9	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	9.9	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	9.9	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.99	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.99	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	0.99	ug/l	
129-00-0	Pyrene	ND	5.0	0.99	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.99	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	34%		14-62%
4165-62-2	Phenol-d5	22%		10-40%
118-79-6	2,4,6-Tribromophenol	70%		33-118%

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW21		
Lab Sample ID:	F48232-4	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		42-108%
321-60-8	2-Fluorobiphenyl	62%		40-106%
1718-51-0	Terphenyl-d14	70%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile		0	ug/l	

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW21		
Lab Sample ID:	F48232-4	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ024274.D	1	04/05/07	AF	n/a	n/a	GQQ918
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		70-120%
98-08-8	aaa-Trifluorotoluene	91%		73-118%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW21		
Lab Sample ID:	F48232-4	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026278.D	1	03/26/07	MM	n/a	n/a	GUV1513
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	96%		70-130%
460-00-4	BFB	86%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW21		
Lab Sample ID:	F48232-4	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22943.D	1	04/09/07	MG	03/29/07	OP19995	GZF1078
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	77%		40-140%
580-13-2	2-Bromonaphthalene	72%		40-140%
84-15-1	o-Terphenyl	72%		40-140%
321-60-8	2-Fluorobiphenyl	79%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW23		
Lab Sample ID:	F48232-5	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U001670.D	1	03/31/07	RB	03/29/07	OP19990	SU81
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW23		
Lab Sample ID:	F48232-5	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	1.0	5.0	1.0	ug/l	J
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	31.7	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	45.0	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	32%		14-62%
4165-62-2	Phenol-d5	21%		10-40%
118-79-6	2,4,6-Tribromophenol	68%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW23		
Lab Sample ID:	F48232-5	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	59%		42-108%
321-60-8	2-Fluorobiphenyl	57%		40-106%
1718-51-0	Terphenyl-d14	57%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
98	Benzene, (1-methylethyl)-	3.47	5.9	ug/l	JN
103	Benzene, propyl-	3.68	9.4	ug/l	JN
496	Indane	4.21	21	ug/l	JN
141	Benzene, 1,3-diethyl-	4.28	14	ug/l	JN
1000185	Tetracyclo[3.3.1.1(1,8).0(2,4)]dec	4.31	9.8	ug/l	JN
135	Benzene, 1,2-diethyl-	4.35	6.4	ug/l	JN
933	Benzene, 1-ethyl-2,3-dimethyl-	4.64	9.9	ug/l	JN
874	Benzene, 1-ethyl-2,4-dimethyl-	4.84	48	ug/l	JN
119	Naphthalene, 1,2,3,4-tetrahydro-	4.90	14	ug/l	JN
17059	1H-Indene, 2,3-dihydro-1,6-dimethy	5.09	5.9	ug/l	JN
621	Benzene, 1-isocyanato-3-methyl-	5.20	6.2	ug/l	JN
1559	Naphthalene, 1,2,3,4-tetrahydro-1-	5.25	6.3	ug/l	JN
6682	1H-Indene, 2,3-dihydro-4,7-dimethy	5.48	6.9	ug/l	JN
1127	Naphthalene, 1-ethyl-	6.33	6.4	ug/l	JN
581	Naphthalene, 2,6-dimethyl-	6.41	7.3	ug/l	JN
581	Naphthalene, 2,3-dimethyl-	6.51	17	ug/l	JN
1000163-88-0	1,3-Cyclopentadiene, 5,5-dimethyl-1,2-Di	7.29	17	ug/l	JN
2932	4-n-Propylacetophenone	7.64	6.5	ug/l	JN
4242	1-Naphthalenecarboxylic acid, 5,6,	8.23	6.9	ug/l	JN
10544	Cyclic octaatomic sulfur	11.17	20	ug/l	JN
	Total TIC, Semi-Volatile		244.8	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW23		
Lab Sample ID:	F48232-5	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ024275.D	1	04/05/07	AF	n/a	n/a	GQQ918
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene [b]	ND	15	15	ug/l	
541-73-1	1,3-Dichlorobenzene [b]	ND	3.0	3.0	ug/l	
106-46-7	1,4-Dichlorobenzene [b]	ND	3.0	3.0	ug/l	
100-41-4	Ethylbenzene	7.6	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%		70-120%
98-08-8	aaa-Trifluorotoluene	91%		73-118%

(a) All hits confirmed by GC/MS.
(b) Elevated reporting limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW23		
Lab Sample ID:	F48232-5	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026289.D	1	03/27/07	MM	n/a	n/a	GUV1514
Run #2	UV026293.D	2	03/27/07	MM	n/a	n/a	GUV1514

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	449	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	334 [a]	40	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	123%	111%	70-130%
460-00-4	BFB	108%	101%	70-130%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW23		
Lab Sample ID:	F48232-5	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22944.D	1	04/09/07	MG	03/29/07	OP19995	GZF1078
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	155	200	150	ug/l	J
	C9-C18 Aliphatics	211	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	76%		40-140%
580-13-2	2-Bromonaphthalene	64%		40-140%
84-15-1	o-Terphenyl	61%		40-140%
321-60-8	2-Fluorobiphenyl	79%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW03G		
Lab Sample ID:	F48232-6	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U001671.D	1	03/31/07	RB	03/29/07	OP19990	SU81
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	9.9	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	9.9	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.9	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	9.9	ug/l	
87-86-5	Pentachlorophenol	ND	25	9.9	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	0.99	ug/l	
208-96-8	Acenaphthylene	ND	5.0	0.99	ug/l	
120-12-7	Anthracene	ND	5.0	0.99	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	0.99	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	0.99	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	0.99	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	0.99	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.99	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.99	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.99	ug/l	
106-47-8	4-Chloroaniline	ND	9.9	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	0.99	ug/l	
218-01-9	Chrysene	ND	5.0	0.99	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.99	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW03G		
Lab Sample ID:	F48232-6	Date Sampled:	03/22/07
Matrix:	AQ - Ground Water	Date Received:	03/24/07
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.99	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.99	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.99	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.99	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.99	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.9	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.99	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	4.2	5.0	2.5	ug/l	J
206-44-0	Fluoranthene	ND	5.0	0.99	ug/l	
86-73-7	Fluorene	ND	5.0	0.99	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.99	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	0.99	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	0.99	ug/l	
88-74-4	2-Nitroaniline	ND	9.9	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	9.9	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	9.9	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.99	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.99	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	0.99	ug/l	
129-00-0	Pyrene	ND	5.0	0.99	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.99	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		14-62%
4165-62-2	Phenol-d5	22%		10-40%
118-79-6	2,4,6-Tribromophenol	76%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW03G		
Lab Sample ID:	F48232-6	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		42-108%
321-60-8	2-Fluorobiphenyl	65%		40-106%
1718-51-0	Terphenyl-d14	74%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW03G		
Lab Sample ID:	F48232-6	Date Sampled:	03/22/07
Matrix:	AQ - Ground Water	Date Received:	03/24/07
Method:	EPA 601/602	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ024276.D	1	04/05/07	AF	n/a	n/a	GQQ918
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		70-120%
98-08-8	aaa-Trifluorotoluene	90%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW03G		
Lab Sample ID:	F48232-6	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026280.D	1	03/26/07	MM	n/a	n/a	GUV1513
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	96%		70-130%
460-00-4	BFB	83%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW03G		
Lab Sample ID:	F48232-6	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22945.D	1	04/09/07	MG	03/29/07	OP19995	GZF1078
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	73%		40-140%
580-13-2	2-Bromonaphthalene	66%		40-140%
84-15-1	o-Terphenyl	78%		40-140%
321-60-8	2-Fluorobiphenyl	77%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW04G		
Lab Sample ID:	F48232-7	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U001672.D	1	03/31/07	RB	03/29/07	OP19990	SU81
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.6	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.6	4.8	ug/l	
95-48-7	2-Methylphenol	ND	4.8	1.9	ug/l	
	3&4-Methylphenol	ND	4.8	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.6	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.6	ug/l	
108-95-2	Phenol	ND	4.8	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.96	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.96	ug/l	
120-12-7	Anthracene	ND	4.8	0.96	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.96	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.96	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.96	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.96	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.96	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.96	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.96	ug/l	
106-47-8	4-Chloroaniline	ND	9.6	3.8	ug/l	
86-74-8	Carbazole	ND	4.8	0.96	ug/l	
218-01-9	Chrysene	ND	4.8	0.96	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.96	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW04G		
Lab Sample ID:	F48232-7	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.96	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.96	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.96	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.96	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.96	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.6	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.96	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.96	ug/l	
86-73-7	Fluorene	ND	4.8	0.96	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.96	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.8	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	1.9	ug/l	
78-59-1	Isophorone	ND	4.8	0.96	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.96	ug/l	
88-74-4	2-Nitroaniline	ND	9.6	3.8	ug/l	
99-09-2	3-Nitroaniline	ND	9.6	3.8	ug/l	
100-01-6	4-Nitroaniline	ND	9.6	3.8	ug/l	
91-20-3	Naphthalene	ND	4.8	0.96	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.96	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.96	ug/l	
129-00-0	Pyrene	ND	4.8	0.96	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.96	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	29%		14-62%
4165-62-2	Phenol-d5	18%		10-40%
118-79-6	2,4,6-Tribromophenol	73%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW04G		
Lab Sample ID:	F48232-7	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	60%		42-108%
321-60-8	2-Fluorobiphenyl	56%		40-106%
1718-51-0	Terphenyl-d14	68%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW04G		
Lab Sample ID:	F48232-7	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ024277.D	1	04/05/07	AF	n/a	n/a	GQQ918
Run #2 [b]	QQ024320.D	1	04/07/07	AF	n/a	n/a	GQQ920

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	1.2	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%	98%	70-120%
98-08-8	aaa-Trifluorotoluene	91%	101%	73-118%

(a) All hits confirmed by dual column analysis.
(b) Confirmation run.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW04G		
Lab Sample ID:	F48232-7	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026288.D	1	03/27/07	MM	n/a	n/a	GUV1514
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	60.7	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	58.2	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	106%		70-130%
460-00-4	BFB	98%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW04G		
Lab Sample ID:	F48232-7	**Date Sampled:**	03/22/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22948.D	1	04/09/07	MG	03/29/07	OP19995	GZF1078
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	81%		40-140%
580-13-2	2-Bromonaphthalene	73%		40-140%
84-15-1	o-Terphenyl	89%		40-140%
321-60-8	2-Fluorobiphenyl	90%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW06G		
Lab Sample ID:	F48232-8	**Date Sampled:**	03/23/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U001673.D	1	03/31/07	RB	03/29/07	OP19990	SU81
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW06G		
Lab Sample ID:	F48232-8	**Date Sampled:**	03/23/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	34%		14-62%
4165-62-2	Phenol-d5	21%		10-40%
118-79-6	2,4,6-Tribromophenol	76%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW06G		
Lab Sample ID:	F48232-8	**Date Sampled:**	03/23/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%		42-108%
321-60-8	2-Fluorobiphenyl	60%		40-106%
1718-51-0	Terphenyl-d14	68%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
10544	Cyclic octaatomic sulfur	11.17	14	ug/l	JN
	Total TIC, Semi-Volatile		14	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW06G		
Lab Sample ID:	F48232-8	**Date Sampled:**	03/23/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ024282.D	1	04/05/07	AF	n/a	n/a	GQQ918
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		70-120%
98-08-8	aaa-Trifluorotoluene	90%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW06G		
Lab Sample ID:	F48232-8	**Date Sampled:**	03/23/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026282.D	1	03/26/07	MM	n/a	n/a	GUV1513
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	88%		70-130%
460-00-4	BFB	78%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	UST RR-MW06G		
Lab Sample ID:	F48232-8	**Date Sampled:**	03/23/07
Matrix:	AQ - Ground Water	**Date Received:**	03/24/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22951.D	1	04/09/07	MG	03/29/07	OP19995	GZF1078
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	78%		40-140%
580-13-2	2-Bromonaphthalene	82%		40-140%
84-15-1	o-Terphenyl	81%		40-140%
321-60-8	2-Fluorobiphenyl	82%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANKS		
Lab Sample ID:	F48232-9	**Date Sampled:**	03/23/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	03/24/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ024283.D	1	04/05/07	AF	n/a	n/a	GQQ918
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		70-120%
98-08-8	aaa-Trifluorotoluene	91%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST Laboratories

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: F48232
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: OSAGE of VIRGINIA
ADDRESS: 2618A Colley Ave
CITY, STATE, ZIP: Norfolk, VA 23517
SEND REPORT TO: Mike Cree
PHONE #: (757) 440-0400

FACILITY INFORMATION

PROJECT NAME: RAPID REFUELER
LOCATION: MCAS NEW RIVER NC
PROJECT NO.: CTO 0001
FAX #: (757) 440-0411

ANALYTICAL INFORMATION

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION MeOH	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	(602 + Xylenes + MTBE)	(625 + TICs (PAH)	MADEP VPH	MADEP EPH	LAB USE ONLY
1	UST RR-MW06	3/22/07	1550	TE	GW	10	X			X	X	X	X	X	X	
2	UST RR-MW07	3/22/07	1445	TE	GW	10	X			X	X	X	X	X	X	
3	UST RR-MW09	3/23/07	1025	TE	GW	10	X			X	X	X	X	X	X	
4	UST RR-MW21	3/22/07	1100	TE	GW	10	X			X	X	X	X	X	X	
5	UST RR-MW23	3/22/07	1017	TE	GW	10	X			X	X	X	X	X	X	
6	UST RR-MW03G	3/22/07	1245	TE	GW	10	X			X	X	X	X	X	X	
7	UST RR-MW04G	3/22/07	1640	TE	GW	10	X			X	X	X	X	X	X	
8	UST RR-MW06G	3/23/07	1305	TE	GW	10	X			X	X	X	X	X	X	
9	TRIP BLANKS	3/23/07	LAB	LAB	W	2	X					X				
	TEMP BLANKS	3/23/07	LAB	LAB	W	4					X					

MATRIX CODES

DW - DRINKING WATER
GW - GROUND WATER
WW - WASTE WATER
SO - SOIL
SL - SLUDGE
OI - OIL
LIQ - OTHER LIQUID
SOL - OTHER SOLID

DATA TURNAROUND INFORMATION

☒ STANDARD
☐ 48 HOUR RUSH
☐ 24 HOUR EMERGENCY
☐ OTHER _____

APPROVED BY: _____

EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

☐ STANDARD
☐ COMMERCIAL "B"
☐ DISK DELIVERABLE
☐ STATE FORMS
☒ OTHER (SPECIFY) EDD Format

COMMENTS/REMARKS

Email results in "EDD Format"
to: mcree@OSAGEVA.com
JAMES.WILSON@shawgrp.com
mark.martin@shawgrp.com

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY: SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1.	3/23/07 1510	1. FEDEX 0882, 8600 5198-0857, 0880, 0813	2. FX	3-24-07 9:00	2. Jorge Cozal
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
3.		3.	4.		4.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE ____ C
5.		5.			

20 2.2 4 2.2

F48232: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F48232 CLIENT: OSAGE of Virginia PROJECT: RAPID Refueler

DATE/TIME RECEIVED: 3-24-07 9:00 # OF COOLERS RECEIVED: 4 COOLER TEMPS: 2.0 2.2 2.4 2.6

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8600 5198 0857, -0802, -0880, -0813

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [x] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [x] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DOES NOT MATCH LABEL(S)
- [ ] ID'S ON COC DOES NOT MATCH LABEL(S)
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

MISC. INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OR LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE JMC 3-24-07 TECHNICIAN SIGNATURE/DATE JC 03-24-07 ASBD 10/03/06

3.1 3

F48232: Chain of Custody
Page 2 of 2

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19990-MB	U001664.D	1	03/31/07	RB	03/29/07	OP19990	SU81

The QC reported here applies to the following samples: Method: EPA 625

F48232-1, F48232-2, F48232-3, F48232-4, F48232-5, F48232-6, F48232-7, F48232-8

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19990-MB	U001664.D	1	03/31/07	RB	03/29/07	OP19990	SU81

The QC reported here applies to the following samples: Method: EPA 625

F48232-1, F48232-2, F48232-3, F48232-4, F48232-5, F48232-6, F48232-7, F48232-8

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	30%	14-62%
4165-62-2	Phenol-d5	18%	10-40%

Method Blank Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19990-MB	U001664.D	1	03/31/07	RB	03/29/07	OP19990	SU81

The QC reported here applies to the following samples: Method: EPA 625

F48232-1, F48232-2, F48232-3, F48232-4, F48232-5, F48232-6, F48232-7, F48232-8

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	69%	33-118%
4165-60-0	Nitrobenzene-d5	64%	42-108%
321-60-8	2-Fluorobiphenyl	58%	40-106%
1718-51-0	Terphenyl-d14	70%	39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile		0	ug/l	

Blank Spike Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19990-BS	U001663.D	1	03/31/07	RB	03/29/07	OP19990	SU81

The QC reported here applies to the following samples: Method: EPA 625

F48232-1, F48232-2, F48232-3, F48232-4, F48232-5, F48232-6, F48232-7, F48232-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	23.9	24	10-50
95-57-8	2-Chlorophenol	50	30.5	61	44-103
59-50-7	4-Chloro-3-methyl phenol	50	35.7	71	53-105
120-83-2	2,4-Dichlorophenol	50	33.9	68	53-108
105-67-9	2,4-Dimethylphenol	50	25.2	50	37-91
51-28-5	2,4-Dinitrophenol	100	67.1	67	37-111
534-52-1	4,6-Dinitro-o-cresol	100	70.6	71	62-115
95-48-7	2-Methylphenol	50	26.3	53	35-91
	3&4-Methylphenol	100	50.1	50	32-85
88-75-5	2-Nitrophenol	50	31.5	63	49-111
100-02-7	4-Nitrophenol	100	32.1	32	13-55
87-86-5	Pentachlorophenol	100	61.2	61	57-118
108-95-2	Phenol	50	13.1	26	13-54
95-95-4	2,4,5-Trichlorophenol	50	36.4	73	59-106
88-06-2	2,4,6-Trichlorophenol	50	34.7	69	58-107
83-32-9	Acenaphthene	50	35.9	72	58-106
208-96-8	Acenaphthylene	50	36.0	72	58-105
120-12-7	Anthracene	50	36.0	72	65-108
56-55-3	Benzo(a)anthracene	50	36.2	72	63-111
50-32-8	Benzo(a)pyrene	50	36.3	73	62-106
205-99-2	Benzo(b)fluoranthene	50	36.2	72	63-109
191-24-2	Benzo(g,h,i)perylene	50	38.6	77	61-111
207-08-9	Benzo(k)fluoranthene	50	35.6	71	64-111
101-55-3	4-Bromophenyl phenyl ether	50	33.7	67	64-107
85-68-7	Butyl benzyl phthalate	50	36.1	72	59-114
100-51-6	Benzyl Alcohol	50	28.8	58	34-98
91-58-7	2-Chloronaphthalene	50	34.0	68	54-105
106-47-8	4-Chloroaniline	50	35.4	71	53-103
86-74-8	Carbazole	50	38.4	77	66-109
218-01-9	Chrysene	50	36.6	73	64-111
111-91-1	bis(2-Chloroethoxy)methane	50	28.6	57	48-101
111-44-4	bis(2-Chloroethyl)ether	50	31.9	64	51-108
108-60-1	bis(2-Chloroisopropyl)ether	50	29.5	59	43-106
7005-72-3	4-Chlorophenyl phenyl ether	50	37.6	75	61-107
95-50-1	1,2-Dichlorobenzene	50	30.2	60	41-102
541-73-1	1,3-Dichlorobenzene	50	28.1	56	38-100

Blank Spike Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19990-BS	U001663.D	1	03/31/07	RB	03/29/07	OP19990	SU81

The QC reported here applies to the following samples: Method: EPA 625

F48232-1, F48232-2, F48232-3, F48232-4, F48232-5, F48232-6, F48232-7, F48232-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-46-7	1,4-Dichlorobenzene	50	28.8	58	40-100
121-14-2	2,4-Dinitrotoluene	50	37.4	75	60-109
606-20-2	2,6-Dinitrotoluene	50	34.5	69	58-104
91-94-1	3,3'-Dichlorobenzidine	50	35.7	71	57-105
53-70-3	Dibenzo(a,h)anthracene	50	40.1	80	62-112
132-64-9	Dibenzofuran	50	35.0	70	61-108
84-74-2	Di-n-butyl phthalate	50	36.7	73	62-109
117-84-0	Di-n-octyl phthalate	50	33.7	67	60-120
84-66-2	Diethyl phthalate	50	39.6	79	62-109
131-11-3	Dimethyl phthalate	50	36.8	74	63-106
117-81-7	bis(2-Ethylhexyl)phthalate	50	35.7	71	59-116
206-44-0	Fluoranthene	50	39.5	79	65-114
86-73-7	Fluorene	50	37.9	76	61-106
118-74-1	Hexachlorobenzene	50	33.9	68	62-107
87-68-3	Hexachlorobutadiene	50	31.9	64	38-107
77-47-4	Hexachlorocyclopentadiene	50	22.4	45	19-84
67-72-1	Hexachloroethane	50	30.9	62	35-101
193-39-5	Indeno(1,2,3-cd)pyrene	50	40.4	81	61-113
78-59-1	Isophorone	50	35.3	71	56-111
91-57-6	2-Methylnaphthalene	50	34.0	68	56-112
88-74-4	2-Nitroaniline	50	38.5	77	60-109
99-09-2	3-Nitroaniline	50	38.4	77	52-107
100-01-6	4-Nitroaniline	50	40.7	81	59-111
91-20-3	Naphthalene	50	31.3	63	50-104
98-95-3	Nitrobenzene	50	33.5	67	52-105
621-64-7	N-Nitroso-di-n-propylamine	50	36.8	74	51-104
86-30-6	N-Nitrosodiphenylamine	50	32.1	64	57-110
85-01-8	Phenanthrene	50	36.0	72	65-108
129-00-0	Pyrene	50	35.6	71	60-113
120-82-1	1,2,4-Trichlorobenzene	50	30.7	61	45-104

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	35%	14-62%
4165-62-2	Phenol-d5	23%	10-40%

Blank Spike Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19990-BS	U001663.D	1	03/31/07	RB	03/29/07	OP19990	SU81

The QC reported here applies to the following samples: Method: EPA 625

F48232-1, F48232-2, F48232-3, F48232-4, F48232-5, F48232-6, F48232-7, F48232-8

CAS No.	Surrogate Recoveries	BSP	Limits
118-79-6	2,4,6-Tribromophenol	70%	33-118%
4165-60-0	Nitrobenzene-d5	63%	42-108%
321-60-8	2-Fluorobiphenyl	62%	40-106%
1718-51-0	Terphenyl-d14	70%	39-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19990-MS	U001681.D	1	03/31/07	RB	03/29/07	OP19990	SU81
OP19990-MSD	U001682.D	1	03/31/07	RB	03/29/07	OP19990	SU81
F48232-4	U001669.D	1	03/31/07	RB	03/29/07	OP19990	SU81

The QC reported here applies to the following samples: **Method:** EPA 625

F48232-1, F48232-2, F48232-3, F48232-4, F48232-5, F48232-6, F48232-7, F48232-8

CAS No.	Compound	F48232-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND		200	107	54*	110	55*	3	10-50/40
95-57-8	2-Chlorophenol	ND		100	70.7	71	68.3	68	3	44-103/29
59-50-7	4-Chloro-3-methyl phenol	ND		100	82.2	82	83.1	83	1	53-105/24
120-83-2	2,4-Dichlorophenol	ND		100	79.2	79	77.9	78	2	53-108/26
105-67-9	2,4-Dimethylphenol	ND		100	56.9	57	55.1	55	3	37-91/28
51-28-5	2,4-Dinitrophenol	ND		200	164	82	164	82	0	37-111/30
534-52-1	4,6-Dinitro-o-cresol	ND		200	161	81	161	81	0	62-115/26
95-48-7	2-Methylphenol	ND		100	65.1	65	67.0	67	3	35-91/30
	3&4-Methylphenol	ND		200	135	68	137	69	1	32-85/29
88-75-5	2-Nitrophenol	ND		100	71.0	71	70.4	70	1	49-111/30
100-02-7	4-Nitrophenol	ND		200	125	63*	129	65*	3	13-55/31
87-86-5	Pentachlorophenol	ND		200	150	75	147	74	2	57-118/26
108-95-2	Phenol	ND		100	47.0	47	48.6	49	3	13-54/34
95-95-4	2,4,5-Trichlorophenol	ND		100	81.0	81	82.2	82	1	59-106/23
88-06-2	2,4,6-Trichlorophenol	ND		100	77.0	77	76.0	76	1	58-107/24
83-32-9	Acenaphthene	ND		100	79.0	79	77.9	78	1	58-106/21
208-96-8	Acenaphthylene	ND		100	79.7	80	78.6	79	1	58-105/21
120-12-7	Anthracene	ND		100	79.6	80	78.9	79	1	65-108/19
56-55-3	Benzo(a)anthracene	ND		100	80.1	80	80.6	81	1	63-111/19
50-32-8	Benzo(a)pyrene	ND		100	78.1	78	78.3	78	0	62-106/20
205-99-2	Benzo(b)fluoranthene	ND		100	77.3	77	77.8	78	1	63-109/20
191-24-2	Benzo(g,h,i)perylene	ND		100	86.5	87	84.7	85	2	61-111/21
207-08-9	Benzo(k)fluoranthene	ND		100	76.3	76	77.0	77	1	64-111/20
101-55-3	4-Bromophenyl phenyl ether	ND		100	74.4	74	74.0	74	1	64-107/20
85-68-7	Butyl benzyl phthalate	ND		100	81.0	81	80.7	81	0	59-114/20
100-51-6	Benzyl Alcohol	ND		100	72.8	73	73.8	74	1	34-98/27
91-58-7	2-Chloronaphthalene	ND		100	76.7	77	74.7	75	3	54-105/24
106-47-8	4-Chloroaniline	ND		100	69.7	70	67.3	67	4	53-103/22
86-74-8	Carbazole	ND		100	84.3	84	83.0	83	2	66-109/20
218-01-9	Chrysene	ND		100	79.1	79	79.9	80	1	64-111/19
111-91-1	bis(2-Chloroethoxy)methane	ND		100	63.3	63	63.3	63	0	48-101/28
111-44-4	bis(2-Chloroethyl)ether	ND		100	72.2	72	70.2	70	3	51-108/27
108-60-1	bis(2-Chloroisopropyl)ether	ND		100	68.1	68	66.7	67	2	43-106/27
7005-72-3	4-Chlorophenyl phenyl ether	ND		100	83.2	83	83.2	83	0	61-107/20
95-50-1	1,2-Dichlorobenzene	ND		100	71.9	72	70.2	70	2	41-102/28
541-73-1	1,3-Dichlorobenzene	ND		100	67.5	68	65.6	66	3	38-100/28

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19990-MS	U001681.D	1	03/31/07	RB	03/29/07	OP19990	SU81
OP19990-MSD	U001682.D	1	03/31/07	RB	03/29/07	OP19990	SU81
F48232-4	U001669.D	1	03/31/07	RB	03/29/07	OP19990	SU81

The QC reported here applies to the following samples: Method: EPA 625

F48232-1, F48232-2, F48232-3, F48232-4, F48232-5, F48232-6, F48232-7, F48232-8

CAS No.	Compound	F48232-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
106-46-7	1,4-Dichlorobenzene	ND		100	69.1	69	65.5	66	5	40-100/28
121-14-2	2,4-Dinitrotoluene	ND		100	81.9	82	81.8	82	0	60-109/20
606-20-2	2,6-Dinitrotoluene	ND		100	74.5	75	75.3	75	1	58-104/21
91-94-1	3,3'-Dichlorobenzidine	ND		100	75.2	75	75.4	75	0	57-105/25
53-70-3	Dibenzo(a,h)anthracene	ND		100	87.8	88	86.9	87	1	62-112/20
132-64-9	Dibenzofuran	ND		100	76.4	76	74.2	74	3	61-108/20
84-74-2	Di-n-butyl phthalate	ND		100	84.6	85	84.3	84	0	62-109/20
117-84-0	Di-n-octyl phthalate	ND		100	75.9	76	75.8	76	0	60-120/24
84-66-2	Diethyl phthalate	ND		100	88.3	88	88.2	88	0	62-109/19
131-11-3	Dimethyl phthalate	ND		100	81.8	82	81.7	82	0	63-106/19
117-81-7	bis(2-Ethylhexyl)phthalate	ND		100	82.0	82	81.3	81	1	59-116/21
206-44-0	Fluoranthene	ND		100	89.9	90	89.6	90	0	65-114/21
86-73-7	Fluorene	ND		100	82.6	83	82.3	82	0	61-106/19
118-74-1	Hexachlorobenzene	ND		100	77.3	77	76.6	77	1	62-107/20
87-68-3	Hexachlorobutadiene	ND		100	78.0	78	73.6	74	6	38-107/30
77-47-4	Hexachlorocyclopentadiene	ND		100	50.3	50	47.2	47	6	19-84/35
67-72-1	Hexachloroethane	ND		100	75.5	76	74.9	75	1	35-101/29
193-39-5	Indeno(1,2,3-cd)pyrene	ND		100	90.6	91	89.8	90	1	61-113/20
78-59-1	Isophorone	ND		100	79.5	80	78.8	79	1	56-111/26
91-57-6	2-Methylnaphthalene	ND		100	76.2	76	74.9	75	2	56-112/26
88-74-4	2-Nitroaniline	ND		100	83.2	83	84.5	85	2	60-109/20
99-09-2	3-Nitroaniline	ND		100	76.0	76	76.1	76	0	52-107/21
100-01-6	4-Nitroaniline	ND		100	86.6	87	85.4	85	1	59-111/21
91-20-3	Naphthalene	ND		100	72.1	72	70.9	71	2	50-104/28
98-95-3	Nitrobenzene	ND		100	74.0	74	71.5	72	3	52-105/28
621-64-7	N-Nitroso-di-n-propylamine	ND		100	82.5	83	82.4	82	0	51-104/28
86-30-6	N-Nitrosodiphenylamine	ND		100	71.3	71	70.1	70	2	57-110/19
85-01-8	Phenanthrene	ND		100	79.2	79	79.2	79	0	65-108/20
129-00-0	Pyrene	ND		100	77.1	77	76.8	77	0	60-113/20
120-82-1	1,2,4-Trichlorobenzene	ND		100	71.8	72	69.2	69	4	45-104/28

CAS No.	Surrogate Recoveries	MS	MSD	F48232-4	Limits
367-12-4	2-Fluorophenol	54%	53%	34%	14-62%
4165-62-2	Phenol-d5	42%*	43%*	22%	10-40%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19990-MS	U001681.D	1	03/31/07	RB	03/29/07	OP19990	SU81
OP19990-MSD	U001682.D	1	03/31/07	RB	03/29/07	OP19990	SU81
F48232-4	U001669.D	1	03/31/07	RB	03/29/07	OP19990	SU81

The QC reported here applies to the following samples: Method: EPA 625

F48232-1, F48232-2, F48232-3, F48232-4, F48232-5, F48232-6, F48232-7, F48232-8

CAS No.	Surrogate Recoveries	MS	MSD	F48232-4	Limits
118-79-6	2,4,6-Tribromophenol	79%	75%	70%	33-118%
4165-60-0	Nitrobenzene-d5	71%	69%	70%	42-108%
321-60-8	2-Fluorobiphenyl	67%	66%	62%	40-106%
1718-51-0	Terphenyl-d14	72%	72%	70%	39-121%

GC Volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ918-MB	QQ024271.D	1	04/05/07	AF	n/a	n/a	GQQ918

The QC reported here applies to the following samples: **Method:** EPA 601/602

F48232-1, F48232-2, F48232-3, F48232-4, F48232-5, F48232-6, F48232-7, F48232-8, F48232-9

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	95%	70-120%
98-08-8	aaa-Trifluorotoluene	90%	73-118%

Method Blank Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1513-MB	UV026265.D	1	03/26/07	MM	n/a	n/a	GUV1513

The QC reported here applies to the following samples: Method: MADEP VPH

F48232-1, F48232-2, F48232-3, F48232-4, F48232-6, F48232-8

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	BFB	100%	70-130%
460-00-4	BFB	90%	70-130%

Method Blank Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1514-MB	UV026287.D	1	03/27/07	MM	n/a	n/a	GUV1514

The QC reported here applies to the following samples: Method: MADEP VPH

F48232-5, F48232-7

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	BFB	100%	70-130%
460-00-4	BFB	89%	70-130%

Blank Spike Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ918-BS	QQ024270.D	1	04/05/07	AF	n/a	n/a	GQQ918

The QC reported here applies to the following samples: Method: EPA 601/602

F48232-1, F48232-2, F48232-3, F48232-4, F48232-5, F48232-6, F48232-7, F48232-8, F48232-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	17.2	86	80-120
108-90-7	Chlorobenzene	20	20.8	104	79-118
95-50-1	1,2-Dichlorobenzene	20	24.2	121*	76-117
541-73-1	1,3-Dichlorobenzene	20	24.1	121*	78-120
106-46-7	1,4-Dichlorobenzene	20	24.1	121*	78-117
100-41-4	Ethylbenzene	20	19.7	99	79-121
1634-04-4	Methyl Tert Butyl Ether	20	21.1	106	72-113
108-88-3	Toluene	20	17.9	90	79-121
1330-20-7	Xylenes (total)	60	59.5	99	80-119

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	99%	70-120%
98-08-8	aaa-Trifluorotoluene	92%	73-118%

Blank Spike Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1513-BS	UV026264.D	1	03/26/07	MM	n/a	n/a	GUV1513

The QC reported here applies to the following samples: Method: MADEP VPH

F48232-1, F48232-2, F48232-3, F48232-4, F48232-6, F48232-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C5- C8 Aliphatics (Unadj.)	480	459	96	70-130
	C9- C12 Aliphatics (Unadj.)	480	490	102	70-130
	C9- C10 Aromatics (Unadj.)	80	86.2	108	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	BFB	122%	70-130%
460-00-4	BFB	105%	70-130%

Blank Spike Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1514-BS	UV026286.D	1	03/27/07	MM	n/a	n/a	GUV1514

The QC reported here applies to the following samples: Method: MADEP VPH

F48232-5, F48232-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C5- C8 Aliphatics (Unadj.)	480	504	105	70-130
	C9- C12 Aliphatics (Unadj.)	480	519	108	70-130
	C9- C10 Aromatics (Unadj.)	80	92.0	115	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	BFB	129%	70-130%
460-00-4	BFB	114%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48302-3MS	QQ024287.D	1	04/05/07	AF	n/a	n/a	GQQ918
F48302-3MSD	QQ024288.D	1	04/05/07	AF	n/a	n/a	GQQ918
F48302-3	QQ024286.D	1	04/05/07	AF	n/a	n/a	GQQ918

The QC reported here applies to the following samples: **Method:** EPA 601/602

F48232-1, F48232-2, F48232-3, F48232-4, F48232-5, F48232-6, F48232-7, F48232-8, F48232-9

CAS No.	Compound	F48302-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	17.3	87	17.2	86	1	80-120/10
108-90-7	Chlorobenzene	ND		20	20.8	104	20.8	104	0	79-118/10
95-50-1	1,2-Dichlorobenzene	ND		20	24.3	122*	24.3	122*	0	76-117/18
541-73-1	1,3-Dichlorobenzene	ND		20	23.9	120	23.9	120	0	78-120/13
106-46-7	1,4-Dichlorobenzene	ND		20	24.2	121*	24.2	121*	0	78-117/11
100-41-4	Ethylbenzene	ND		20	19.7	99	19.7	99	0	79-121/9
1634-04-4	Methyl Tert Butyl Ether	ND		20	21.8	109	21.2	106	3	72-113/13
108-88-3	Toluene	ND		20	18.0	90	18.0	90	0	79-121/10
1330-20-7	Xylenes (total)	ND		60	59.7	100	59.5	99	0	80-119/8

CAS No.	Surrogate Recoveries	MS	MSD	F48302-3	Limits
460-00-4	4-Bromofluorobenzene	98%	98%	97%	70-120%
98-08-8	aaa-Trifluorotoluene	92%	91%	91%	73-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48137-11MS	UV026268.D	1	03/26/07	MM	n/a	n/a	GUV1513
F48137-11MSD	UV026272.D	1	03/26/07	MM	n/a	n/a	GUV1513
F48137-11	UV026271.D	2	03/26/07	MM	n/a	n/a	GUV1513

The QC reported here applies to the following samples: Method: MADEP VPH

F48232-1, F48232-2, F48232-3, F48232-4, F48232-6, F48232-8

CAS No.	Compound	F48137-11 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C5- C8 Aliphatics (Unadj.)	ND		480	440	92	555	116	23	70-130/50
	C9- C12 Aliphatics (Unadj.)	718		480	1230	107	1300	121	6	70-130/50
	C9- C10 Aromatics (Unadj.)	626		80	790	205* [a]	824	248* [a]	4	70-130/50

CAS No.	Surrogate Recoveries	MS	MSD	F48137-11	Limits
460-00-4	BFB	127%	123%	129%	70-130%
460-00-4	BFB	129%	124%	127%	70-130%

(a) Outside control limits due to high level in sample relative to spike amount.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48232-5MS	UV026291.D	1	03/27/07	MM	n/a	n/a	GUV1514
F48232-5MSD	UV026292.D	1	03/27/07	MM	n/a	n/a	GUV1514
F48232-5	UV026289.D	1	03/27/07	MM	n/a	n/a	GUV1514
F48232-5	UV026293.D	2	03/27/07	MM	n/a	n/a	GUV1514

The QC reported here applies to the following samples: Method: MADEP VPH

F48232-5, F48232-7

CAS No.	Compound	F48232-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C5- C8 Aliphatics (Unadj.)	ND		480	456	95	475	99	4	70-130/50
	C9- C12 Aliphatics (Unadj.)	449		480	863	100	866	101	0	70-130/50
	C9- C10 Aromatics (Unadj.)	334 [b]		80	484	188* [a]	468	168* [a]	3	70-130/50

CAS No.	Surrogate Recoveries	MS	MSD	F48232-5	F48232-5	Limits
460-00-4	BFB	124%	122%	123%	111%	70-130%
460-00-4	BFB	110%	109%	108%	101%	70-130%

(a) Outside control limits due to high level in sample relative to spike amount.
(b) Result is from Run #2.

Duplicate Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48137-7DUP	UV026270.D	2	03/26/07	MM	n/a	n/a	GUV1513
F48137-7	UV026267.D	2	03/26/07	MM	n/a	n/a	GUV1513

The QC reported here applies to the following samples: Method: MADEP VPH

F48232-1, F48232-2, F48232-3, F48232-4, F48232-6, F48232-8

CAS No.	Compound	F48137-7 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C5- C8 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C12 Aliphatics (Unadj.)	726		729		0	
	C9- C10 Aromatics (Unadj.)	650		647		0	

CAS No.	Surrogate Recoveries	DUP	F48137-7	Limits
460-00-4	BFB	120%	119%	70-130%
460-00-4	BFB	108%	104%	70-130%

Duplicate Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48232-7DUP	UV026290.D	1	03/27/07	MM	n/a	n/a	GUV1514
F48232-7	UV026288.D	1	03/27/07	MM	n/a	n/a	GUV1514

The QC reported here applies to the following samples: Method: MADEP VPH

F48232-5, F48232-7

CAS No.	Compound	F48232-7 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C5- C8 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C12 Aliphatics (Unadj.)	60.7		70.1		14	
	C9- C10 Aromatics (Unadj.)	58.2		55.2		5	

CAS No.	Surrogate Recoveries	DUP	F48232-7	Limits
460-00-4	BFB	105%	106%	70-130%
460-00-4	BFB	97%	98%	70-130%

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19995-MB	ZF22939.D	1	04/09/07	MG	03/29/07	OP19995	GZF1078

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F48232-1, F48232-2, F48232-3, F48232-4, F48232-5, F48232-6, F48232-7, F48232-8

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	93%	40-140%
580-13-2	2-Bromonaphthalene	61%	40-140%
84-15-1	o-Terphenyl	79%	40-140%
321-60-8	2-Fluorobiphenyl	79%	40-140%

Blank Spike Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19995-BS	ZF22938.D	1	04/09/07	MG	03/29/07	OP19995	GZF1078

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F48232-1, F48232-2, F48232-3, F48232-4, F48232-5, F48232-6, F48232-7, F48232-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C11-C22 Aromatics (Unadj.)	1700	1350	79	40-140
	C9-C18 Aliphatics	600	558	93	40-140
	C19-C36 Aliphatics	800	835	104	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
3386-33-2	1-Chlorooctadecane	96%	40-140%
580-13-2	2-Bromonaphthalene	55%	40-140%
84-15-1	o-Terphenyl	83%	40-140%
321-60-8	2-Fluorobiphenyl	79%	40-140%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19995-MS	ZF22949.D	1	04/09/07	MG	03/29/07	OP19995	GZF1078
OP19995-MSD	ZF22950.D	1	04/09/07	MG	03/29/07	OP19995	GZF1078
F48232-7	ZF22948.D	1	04/09/07	MG	03/29/07	OP19995	GZF1078

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F48232-1, F48232-2, F48232-3, F48232-4, F48232-5, F48232-6, F48232-7, F48232-8

CAS No.	Compound	F48232-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C11-C22 Aromatics (Unadj.)	ND		3400	3170	93	2990	88	6	40-140/50
	C9-C18 Aliphatics	ND		1200	1270	106	1080	90	16	40-140/50
	C19-C36 Aliphatics	ND		1600	1660	104	1350	84	21	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	F48232-7	Limits
3386-33-2	1-Chlorooctadecane	95%	76%	81%	40-140%
580-13-2	2-Bromonaphthalene	63%	60%	73%	40-140%
84-15-1	o-Terphenyl	95%	92%	89%	40-140%
321-60-8	2-Fluorobiphenyl	95%	83%	90%	40-140%

Duplicate Summary

Job Number: F48232
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP19995-DUP	ZF22961.D	1	04/10/07	MG	03/29/07	OP19995	GZF1078
F48298-6	ZF22960.D	1	04/10/07	MG	03/29/07	OP19995	GZF1078

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F48232-1, F48232-2, F48232-3, F48232-4, F48232-5, F48232-6, F48232-7, F48232-8

CAS No.	Compound	F48298-6 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C11-C22 Aromatics (Unadj.)	ND		ND		nc	
	C9-C18 Aliphatics	ND		ND		nc	
	C19-C36 Aliphatics	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F48298-6	Limits
3386-33-2	1-Chlorooctadecane	104%	82%	40-140%
580-13-2	2-Bromonaphthalene	68%	68%	40-140%
84-15-1	o-Terphenyl	85%	83%	40-140%
321-60-8	2-Fluorobiphenyl	79%	77%	40-140%

Southeast ACCUTEST. Laboratories

IT'S ALL IN THE CHEMISTRY

04/17/07

Technical Report for

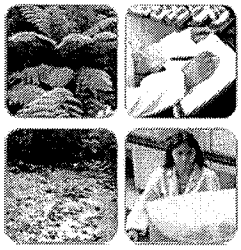
Osage of Virginia

Camp LeJeune; Rapid Refueler, NC

115122 CTO 001

Accutest Job Number: F48302

Sampling Dates: 03/26/07 - 03/27/07



Report to:

Osage of Virginia

mcree@osageva.com

ATTN: Mike Cree

Total number of pages in report: 121

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Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Accutest Laboratories

Sample Summary

Osage of Virginia

Job No: F48302

Camp LeJeune; Rapid Refueler, NC
Project No: 115122 CTO 001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
F48302-1	03/27/07	15:05	TE	03/28/07	AQ	Ground Water	USTAS511-MW01
F48302-2	03/27/07	12:55	TE	03/28/07	AQ	Ground Water	USTAS511-MW02
F48302-3	03/26/07	14:05	TE	03/28/07	AQ	Ground Water	USTAS511-MW03
F48302-4	03/26/07	17:37	TE	03/28/07	AQ	Ground Water	USTAS511-MW04
F48302-5	03/27/07	14:45	TE	03/28/07	AQ	Ground Water	USTAS511-MW05
F48302-6	03/27/07	12:25	TE	03/28/07	AQ	Ground Water	USTAS511-MW06
F48302-7	03/26/07	12:45	TE	03/28/07	AQ	Ground Water	USTAS511-MW07
F48302-8	03/26/07	16:40	TE	03/28/07	AQ	Ground Water	USTAS511-MW08
F48302-9	03/27/07	11:24	TE	03/28/07	AQ	Ground Water	USTRR-MW22
F48302-10	03/27/07	14:00	TE	03/28/07	AQ	Ground Water	USTAS527-MW10
F48302-11	03/26/07	11:00	TE	03/28/07	AQ	Ground Water	USTAS527-MW12
F48302-12	03/26/07	12:20	TE	03/28/07	AQ	Ground Water	USTAS527-MW16
F48302-13	03/27/07	00:00	TE	03/28/07	AQ	Ground Water	USTRR-DUPLICATE

Sample Summary
(continued)

Osage of Virginia

Job No: F48302

Camp LeJeune; Rapid Refueler, NC
Project No: 115122 CTO 001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F48302-14	03/27/07	00:00	TE	03/28/07	AQ	Trip Blank Water	TRIP BLANK

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW01		
Lab Sample ID:	F48302-1	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L036037.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW01		
Lab Sample ID:	F48302-1	Date Sampled:	03/27/07
Matrix:	AQ - Ground Water	Date Received:	03/28/07
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	28%		14-62%
4165-62-2	Phenol-d5	19%		10-40%
118-79-6	2,4,6-Tribromophenol	65%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW01		
Lab Sample ID:	F48302-1	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	54%		42-108%
321-60-8	2-Fluorobiphenyl	54%		40-106%
1718-51-0	Terphenyl-d14	62%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
21632-06-4	1-Cyclohexene-1-butanal, .alpha.,2,6,6-t	20.07	5	ug/l	JN
	Total TIC, Semi-Volatile		5	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW01		
Lab Sample ID:	F48302-1	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ024321.D	1	04/07/07	AF	n/a	n/a	GQQ920
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.97	1.0	0.50	ug/l	J
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		70-120%
98-08-8	aaa-Trifluorotoluene	100%		73-118%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW01		
Lab Sample ID:	F48302-1	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026363.D	1	04/02/07	MM	n/a	n/a	GUV1518
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	17.8	20	10	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	110%		70-130%
460-00-4	BFB	106%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW01		
Lab Sample ID:	F48302-1	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22992.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	84%		40-140%
580-13-2	2-Bromonaphthalene	82%		40-140%
84-15-1	o-Terphenyl	61%		40-140%
321-60-8	2-Fluorobiphenyl	72%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW02		
Lab Sample ID:	F48302-2	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L036038.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850
Run #2							

	Initial Volume	Final Volume
Run #1	1100 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	23	9.1	ug/l	
95-57-8	2-Chlorophenol	ND	4.5	1.8	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.5	1.8	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.5	1.8	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.5	1.8	ug/l	
51-28-5	2,4-Dinitrophenol	ND	23	9.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.1	4.5	ug/l	
95-48-7	2-Methylphenol	ND	4.5	1.8	ug/l	
	3&4-Methylphenol	ND	4.5	1.8	ug/l	
88-75-5	2-Nitrophenol	ND	4.5	1.8	ug/l	
100-02-7	4-Nitrophenol	ND	23	9.1	ug/l	
87-86-5	Pentachlorophenol	ND	23	9.1	ug/l	
108-95-2	Phenol	ND	4.5	1.8	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.5	1.8	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.5	1.8	ug/l	
83-32-9	Acenaphthene	ND	4.5	0.91	ug/l	
208-96-8	Acenaphthylene	ND	4.5	0.91	ug/l	
120-12-7	Anthracene	ND	4.5	0.91	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.5	0.91	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.5	0.91	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.5	0.91	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.5	1.8	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.5	0.91	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.5	0.91	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.5	1.8	ug/l	
100-51-6	Benzyl Alcohol	ND	4.5	0.91	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.5	0.91	ug/l	
106-47-8	4-Chloroaniline	ND	9.1	3.6	ug/l	
86-74-8	Carbazole	ND	4.5	0.91	ug/l	
218-01-9	Chrysene	ND	4.5	0.91	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.5	0.91	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.5	1.8	ug/l	

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW02		
Lab Sample ID:	F48302-2	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.5	0.91	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.5	0.91	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.5	0.91	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.5	0.91	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.5	0.91	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.5	1.8	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.5	1.8	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.1	4.5	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.5	1.8	ug/l	
132-64-9	Dibenzofuran	ND	4.5	0.91	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.5	1.8	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.5	2.3	ug/l	
84-66-2	Diethyl phthalate	ND	4.5	1.8	ug/l	
131-11-3	Dimethyl phthalate	ND	4.5	1.8	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.5	2.3	ug/l	
206-44-0	Fluoranthene	ND	4.5	0.91	ug/l	
86-73-7	Fluorene	ND	4.5	0.91	ug/l	
118-74-1	Hexachlorobenzene	ND	4.5	0.91	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.5	1.8	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.5	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.5	1.8	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.5	1.8	ug/l	
78-59-1	Isophorone	ND	4.5	0.91	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.5	0.91	ug/l	
88-74-4	2-Nitroaniline	ND	9.1	3.6	ug/l	
99-09-2	3-Nitroaniline	ND	9.1	3.6	ug/l	
100-01-6	4-Nitroaniline	ND	9.1	3.6	ug/l	
91-20-3	Naphthalene	ND	4.5	0.91	ug/l	
98-95-3	Nitrobenzene	ND	4.5	0.91	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.5	1.8	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.5	1.8	ug/l	
85-01-8	Phenanthrene	ND	4.5	0.91	ug/l	
129-00-0	Pyrene	ND	4.5	0.91	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.5	0.91	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	34%		14-62%
4165-62-2	Phenol-d5	23%		10-40%
118-79-6	2,4,6-Tribromophenol	71%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW02		
Lab Sample ID:	F48302-2	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	62%		42-108%
321-60-8	2-Fluorobiphenyl	64%		40-106%
1718-51-0	Terphenyl-d14	70%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
1000147-64-9	2-Ethylacridine	20.40	4.6	ug/l	JN
	Total TIC, Semi-Volatile		4.6	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW02		
Lab Sample ID:	F48302-2	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ024285.D	1	04/05/07	AF	n/a	n/a	GQQ918
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		70-120%
98-08-8	aaa-Trifluorotoluene	90%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW02		
Lab Sample ID:	F48302-2	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026364.D	1	04/02/07	MM	n/a	n/a	GUV1518
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	99%		70-130%
460-00-4	BFB	96%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW02		
Lab Sample ID:	F48302-2	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22993.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	190	150	ug/l	
	C9-C18 Aliphatics	ND	190	190	ug/l	
	C19-C36 Aliphatics	ND	190	190	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	93%		40-140%
580-13-2	2-Bromonaphthalene	76%		40-140%
84-15-1	o-Terphenyl	90%		40-140%
321-60-8	2-Fluorobiphenyl	84%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW03		
Lab Sample ID:	F48302-3	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L036039.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW03		
Lab Sample ID:	F48302-3	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	32%		14-62%
4165-62-2	Phenol-d5	22%		10-40%
118-79-6	2,4,6-Tribromophenol	70%		33-118%

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW03		
Lab Sample ID:	F48302-3	Date Sampled:	03/26/07
Matrix:	AQ - Ground Water	Date Received:	03/28/07
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	60%		42-108%
321-60-8	2-Fluorobiphenyl	61%		40-106%
1718-51-0	Terphenyl-d14	76%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
141-63-9	Pentasiloxane, dodecamethyl-	20.27	6	ug/l	JN
	Total TIC, Semi-Volatile		6	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW03		
Lab Sample ID:	F48302-3	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ024286.D	1	04/05/07	AF	n/a	n/a	GQQ918
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		70-120%
98-08-8	aaa-Trifluorotoluene	91%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW03		
Lab Sample ID:	F48302-3	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026365.D	1	04/02/07	MM	n/a	n/a	GUV1518
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	104%		70-130%
460-00-4	BFB	104%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW03		
Lab Sample ID:	F48302-3	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22994.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	86%		40-140%
580-13-2	2-Bromonaphthalene	68%		40-140%
84-15-1	o-Terphenyl	69%		40-140%
321-60-8	2-Fluorobiphenyl	58%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW04		
Lab Sample ID:	F48302-4	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L036040.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW04		
Lab Sample ID:	F48302-4	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	33%		14-62%
4165-62-2	Phenol-d5	22%		10-40%
118-79-6	2,4,6-Tribromophenol	65%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW04		
Lab Sample ID:	F48302-4	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	61%		42-108%
321-60-8	2-Fluorobiphenyl	60%		40-106%
1718-51-0	Terphenyl-d14	72%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW04		
Lab Sample ID:	F48302-4	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ024289.D	1	04/05/07	AF	n/a	n/a	GQQ918
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		70-120%
98-08-8	aaa-Trifluorotoluene	92%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW04		
Lab Sample ID:	F48302-4	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026366.D	1	04/02/07	MM	n/a	n/a	GUV1518
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	97%		70-130%
460-00-4	BFB	93%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW04		
Lab Sample ID:	F48302-4	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22995.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	82%		40-140%
580-13-2	2-Bromonaphthalene	71%		40-140%
84-15-1	o-Terphenyl	77%		40-140%
321-60-8	2-Fluorobiphenyl	85%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW05		
Lab Sample ID:	F48302-5	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L036041.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	28	11	ug/l	
95-57-8	2-Chlorophenol	ND	5.6	2.2	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.6	2.2	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.6	2.2	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.6	2.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	28	11	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	11	5.6	ug/l	
95-48-7	2-Methylphenol	ND	5.6	2.2	ug/l	
	3&4-Methylphenol	ND	5.6	2.2	ug/l	
88-75-5	2-Nitrophenol	ND	5.6	2.2	ug/l	
100-02-7	4-Nitrophenol	ND	28	11	ug/l	
87-86-5	Pentachlorophenol	ND	28	11	ug/l	
108-95-2	Phenol	ND	5.6	2.2	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.6	2.2	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.6	2.2	ug/l	
83-32-9	Acenaphthene	ND	5.6	1.1	ug/l	
208-96-8	Acenaphthylene	ND	5.6	1.1	ug/l	
120-12-7	Anthracene	ND	5.6	1.1	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.6	1.1	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.6	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.6	1.1	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.6	2.2	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.6	1.1	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.6	1.1	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.6	2.2	ug/l	
100-51-6	Benzyl Alcohol	ND	5.6	1.1	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.6	1.1	ug/l	
106-47-8	4-Chloroaniline	ND	11	4.4	ug/l	
86-74-8	Carbazole	ND	5.6	1.1	ug/l	
218-01-9	Chrysene	ND	5.6	1.1	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.6	1.1	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.6	2.2	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW05		
Lab Sample ID:	F48302-5	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.6	1.1	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.6	1.1	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.6	1.1	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.6	1.1	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.6	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.6	2.2	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.6	2.2	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	11	5.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.6	2.2	ug/l	
132-64-9	Dibenzofuran	ND	5.6	1.1	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.6	2.2	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.6	2.8	ug/l	
84-66-2	Diethyl phthalate	ND	5.6	2.2	ug/l	
131-11-3	Dimethyl phthalate	ND	5.6	2.2	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.6	2.8	ug/l	
206-44-0	Fluoranthene	ND	5.6	1.1	ug/l	
86-73-7	Fluorene	ND	5.6	1.1	ug/l	
118-74-1	Hexachlorobenzene	ND	5.6	1.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.6	2.2	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.6	2.2	ug/l	
67-72-1	Hexachloroethane	ND	5.6	2.2	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.6	2.2	ug/l	
78-59-1	Isophorone	ND	5.6	1.1	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.6	1.1	ug/l	
88-74-4	2-Nitroaniline	ND	11	4.4	ug/l	
99-09-2	3-Nitroaniline	ND	11	4.4	ug/l	
100-01-6	4-Nitroaniline	ND	11	4.4	ug/l	
91-20-3	Naphthalene	ND	5.6	1.1	ug/l	
98-95-3	Nitrobenzene	ND	5.6	1.1	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.6	2.2	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.6	2.2	ug/l	
85-01-8	Phenanthrene	ND	5.6	1.1	ug/l	
129-00-0	Pyrene	ND	5.6	1.1	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	1.1	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	29%		14-62%
4165-62-2	Phenol-d5	20%		10-40%
118-79-6	2,4,6-Tribromophenol	65%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW05		
Lab Sample ID:	F48302-5	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	56%		42-108%
321-60-8	2-Fluorobiphenyl	57%		40-106%
1718-51-0	Terphenyl-d14	72%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW05		
Lab Sample ID:	F48302-5	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ024290.D	1	04/05/07	AF	n/a	n/a	GQQ918
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		70-120%
98-08-8	aaa-Trifluorotoluene	91%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW05		
Lab Sample ID:	F48302-5	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026367.D	1	04/02/07	MM	n/a	n/a	GUV1518
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	98%		70-130%
460-00-4	BFB	97%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW05		
Lab Sample ID:	F48302-5	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF22998.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	80%		40-140%
580-13-2	2-Bromonaphthalene	52%		40-140%
84-15-1	o-Terphenyl	61%		40-140%
321-60-8	2-Fluorobiphenyl	63%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW06		
Lab Sample ID:	F48302-6	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	L036028.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850
Run #2							

	Initial Volume	Final Volume
Run #1	1100 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	23	9.1	ug/l	
95-57-8	2-Chlorophenol	ND	4.5	1.8	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.5	1.8	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.5	1.8	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.5	1.8	ug/l	
51-28-5	2,4-Dinitrophenol	ND	23	9.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.1	4.5	ug/l	
95-48-7	2-Methylphenol	ND	4.5	1.8	ug/l	
	3&4-Methylphenol	ND	4.5	1.8	ug/l	
88-75-5	2-Nitrophenol	ND	4.5	1.8	ug/l	
100-02-7	4-Nitrophenol	ND	23	9.1	ug/l	
87-86-5	Pentachlorophenol	ND	23	9.1	ug/l	
108-95-2	Phenol	ND	4.5	1.8	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.5	1.8	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.5	1.8	ug/l	
83-32-9	Acenaphthene	ND	4.5	0.91	ug/l	
208-96-8	Acenaphthylene	ND	4.5	0.91	ug/l	
120-12-7	Anthracene	ND	4.5	0.91	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.5	0.91	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.5	0.91	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.5	0.91	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.5	1.8	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.5	0.91	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.5	0.91	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.5	1.8	ug/l	
100-51-6	Benzyl Alcohol	ND	4.5	0.91	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.5	0.91	ug/l	
106-47-8	4-Chloroaniline	ND	9.1	3.6	ug/l	
86-74-8	Carbazole	ND	4.5	0.91	ug/l	
218-01-9	Chrysene	ND	4.5	0.91	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.5	0.91	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.5	1.8	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW06		
Lab Sample ID:	F48302-6	Date Sampled:	03/27/07
Matrix:	AQ - Ground Water	Date Received:	03/28/07
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.5	0.91	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.5	0.91	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.5	0.91	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.5	0.91	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.5	0.91	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.5	1.8	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.5	1.8	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.1	4.5	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.5	1.8	ug/l	
132-64-9	Dibenzofuran	ND	4.5	0.91	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.5	1.8	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.5	2.3	ug/l	
84-66-2	Diethyl phthalate	ND	4.5	1.8	ug/l	
131-11-3	Dimethyl phthalate	ND	4.5	1.8	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.5	2.3	ug/l	
206-44-0	Fluoranthene	ND	4.5	0.91	ug/l	
86-73-7	Fluorene	ND	4.5	0.91	ug/l	
118-74-1	Hexachlorobenzene	ND	4.5	0.91	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.5	1.8	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.5	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.5	1.8	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.5	1.8	ug/l	
78-59-1	Isophorone	ND	4.5	0.91	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.5	0.91	ug/l	
88-74-4	2-Nitroaniline	ND	9.1	3.6	ug/l	
99-09-2	3-Nitroaniline	ND	9.1	3.6	ug/l	
100-01-6	4-Nitroaniline	ND	9.1	3.6	ug/l	
91-20-3	Naphthalene	ND	4.5	0.91	ug/l	
98-95-3	Nitrobenzene	ND	4.5	0.91	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.5	1.8	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.5	1.8	ug/l	
85-01-8	Phenanthrene	ND	4.5	0.91	ug/l	
129-00-0	Pyrene	ND	4.5	0.91	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.5	0.91	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	50%		14-62%
4165-62-2	Phenol-d5	34%		10-40%
118-79-6	2,4,6-Tribromophenol	123%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW06		
Lab Sample ID:	F48302-6	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	103%		42-108%
321-60-8	2-Fluorobiphenyl	107%		40-106%
1718-51-0	Terphenyl-d14	125%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
2060-89-1	1,3-Bis(trimethylsilyl)benzene	20.05	7.1	ug/l	JN
	Total TIC, Semi-Volatile		7.1	ug/l	J

(a) Surrogates outside of control limits; however, sample was ND.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW06		
Lab Sample ID:	F48302-6	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ024291.D	1	04/05/07	AF	n/a	n/a	GQQ918
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		70-120%
98-08-8	aaa-Trifluorotoluene	91%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW06		
Lab Sample ID:	F48302-6	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026368.D	1	04/02/07	MM	n/a	n/a	GUV1518
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	95%		70-130%
460-00-4	BFB	94%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW06		
Lab Sample ID:	F48302-6	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF23999.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	74%		40-140%
580-13-2	2-Bromonaphthalene	80%		40-140%
84-15-1	o-Terphenyl	82%		40-140%
321-60-8	2-Fluorobiphenyl	92%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW07		
Lab Sample ID:	F48302-7	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L036044.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW07		
Lab Sample ID:	F48302-7	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	31%		14-62%
4165-62-2	Phenol-d5	21%		10-40%
118-79-6	2,4,6-Tribromophenol	66%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW07		
Lab Sample ID:	F48302-7	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	61%		42-108%
321-60-8	2-Fluorobiphenyl	61%		40-106%
1718-51-0	Terphenyl-d14	69%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW07		
Lab Sample ID:	F48302-7	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ024294.D	1	04/05/07	AF	n/a	n/a	GQQ918
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		70-120%
98-08-8	aaa-Trifluorotoluene	91%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW07		
Lab Sample ID:	F48302-7	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026369.D	1	04/02/07	MM	n/a	n/a	GUV1518
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	100%		70-130%
460-00-4	BFB	98%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW07		
Lab Sample ID:	F48302-7	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF24002.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	86%		40-140%
580-13-2	2-Bromonaphthalene	54%		40-140%
84-15-1	o-Terphenyl	58%		40-140%
321-60-8	2-Fluorobiphenyl	61%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW08		
Lab Sample ID:	F48302-8	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L036045.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	26	11	ug/l	
95-57-8	2-Chlorophenol	ND	5.3	2.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.3	2.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.3	2.1	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.3	2.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	26	11	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	11	5.3	ug/l	
95-48-7	2-Methylphenol	ND	5.3	2.1	ug/l	
	3&4-Methylphenol	ND	5.3	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.3	2.1	ug/l	
100-02-7	4-Nitrophenol	ND	26	11	ug/l	
87-86-5	Pentachlorophenol	ND	26	11	ug/l	
108-95-2	Phenol	ND	5.3	2.1	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.3	2.1	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.3	2.1	ug/l	
83-32-9	Acenaphthene	ND	5.3	1.1	ug/l	
208-96-8	Acenaphthylene	ND	5.3	1.1	ug/l	
120-12-7	Anthracene	ND	5.3	1.1	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.3	1.1	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.3	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.3	1.1	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.3	2.1	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.3	1.1	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.3	1.1	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.3	2.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.3	1.1	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.3	1.1	ug/l	
106-47-8	4-Chloroaniline	ND	11	4.2	ug/l	
86-74-8	Carbazole	ND	5.3	1.1	ug/l	
218-01-9	Chrysene	ND	5.3	1.1	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.3	1.1	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.3	2.1	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW08		
Lab Sample ID:	F48302-8	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.3	1.1	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.3	1.1	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.3	1.1	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.3	1.1	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.3	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.3	2.1	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.3	2.1	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	11	5.3	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.3	2.1	ug/l	
132-64-9	Dibenzofuran	ND	5.3	1.1	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.3	2.1	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.3	2.6	ug/l	
84-66-2	Diethyl phthalate	ND	5.3	2.1	ug/l	
131-11-3	Dimethyl phthalate	ND	5.3	2.1	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.3	2.6	ug/l	
206-44-0	Fluoranthene	ND	5.3	1.1	ug/l	
86-73-7	Fluorene	ND	5.3	1.1	ug/l	
118-74-1	Hexachlorobenzene	ND	5.3	1.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.3	2.1	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.3	2.1	ug/l	
67-72-1	Hexachloroethane	ND	5.3	2.1	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.3	2.1	ug/l	
78-59-1	Isophorone	ND	5.3	1.1	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.3	1.1	ug/l	
88-74-4	2-Nitroaniline	ND	11	4.2	ug/l	
99-09-2	3-Nitroaniline	ND	11	4.2	ug/l	
100-01-6	4-Nitroaniline	ND	11	4.2	ug/l	
91-20-3	Naphthalene	ND	5.3	1.1	ug/l	
98-95-3	Nitrobenzene	ND	5.3	1.1	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.3	2.1	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	2.1	ug/l	
85-01-8	Phenanthrene	ND	5.3	1.1	ug/l	
129-00-0	Pyrene	ND	5.3	1.1	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	32%		14-62%
4165-62-2	Phenol-d5	22%		10-40%
118-79-6	2,4,6-Tribromophenol	62%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW08		
Lab Sample ID:	F48302-8	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	58%		42-108%
321-60-8	2-Fluorobiphenyl	57%		40-106%
1718-51-0	Terphenyl-d14	65%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW08		
Lab Sample ID:	F48302-8	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ024295.D	1	04/05/07	AF	n/a	n/a	GQQ918
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		70-120%
98-08-8	aaa-Trifluorotoluene	91%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW08		
Lab Sample ID:	F48302-8	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026370.D	1	04/02/07	MM	n/a	n/a	GUV1518
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	94%		70-130%
460-00-4	BFB	91%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS511-MW08		
Lab Sample ID:	F48302-8	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF24003.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	65%		40-140%
580-13-2	2-Bromonaphthalene	61%		40-140%
84-15-1	o-Terphenyl	77%		40-140%
321-60-8	2-Fluorobiphenyl	80%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW22		
Lab Sample ID:	F48302-9	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L036046.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	2.9	5.0	2.0	ug/l	J
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW22		
Lab Sample ID:	F48302-9	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	11.5	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	10.7	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	31%		14-62%
4165-62-2	Phenol-d5	20%		10-40%
118-79-6	2,4,6-Tribromophenol	70%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW22		
Lab Sample ID:	F48302-9	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	58%		42-108%
321-60-8	2-Fluorobiphenyl	59%		40-106%
1718-51-0	Terphenyl-d14	64%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
622-96-8	Benzene, 1-ethyl-4-methyl-	3.92	9.1	ug/l	JN
496-11-7	Indane	4.27	6.7	ug/l	JN
135-01-3	Benzene, 1,2-diethyl-	4.34	5.2	ug/l	JN
135-98-8	Benzene, (1-methylpropyl)-	4.36	6.3	ug/l	JN
105-05-5	Benzene, 1,4-diethyl-	4.39	13	ug/l	JN
1074-17-5	Benzene, 1-methyl-2-propyl-	4.44	6.8	ug/l	JN
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	4.63	5.2	ug/l	JN
95-93-2	Benzene, 1,2,4,5-tetramethyl-	4.74	8.1	ug/l	JN
1587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	4.86	6.4	ug/l	JN
488-23-3	Benzene, 1,2,3,4-tetramethyl-	4.91	19	ug/l	JN
119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	4.99	15	ug/l	JN
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl	5.60	6.6	ug/l	JN
2809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-methyl	5.76	5.4	ug/l	JN
610-72-0	Benzoic acid, 2,5-dimethyl-	6.08	6.4	ug/l	JN
528-90-5	Benzoic acid, 2,4,5-trimethyl-	6.99	5.5	ug/l	JN
71105-17-4	1,2-Phenylene diisothiocyanate	7.62	79	ug/l	JN
6398-62-5	Mercaptoacetic acid, bis(trimethylsilyl)	19.71	6.8	ug/l	JN
	Total TIC, Semi-Volatile		210.5	ug/l	J

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW22		
Lab Sample ID:	F48302-9	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ024296.D	1	04/05/07	AF	n/a	n/a	GQQ918
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.89	1.0	0.50	ug/l	J
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene [b]	ND	14	14	ug/l	
541-73-1	1,3-Dichlorobenzene [b]	ND	7.0	7.0	ug/l	
106-46-7	1,4-Dichlorobenzene [b]	ND	6.0	6.0	ug/l	
100-41-4	Ethylbenzene	4.2	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	4.6	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		70-120%
98-08-8	aaa-Trifluorotoluene	90%		73-118%

(a) All hits confirmed by GC/MS.
(b) Elevated reporting limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW22		
Lab Sample ID:	F48302-9	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026395.D	2	04/03/07	MM	n/a	n/a	GUV1519
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	150	100	ug/l	
	C9- C12 Aliphatics (Unadj.)	395	110	60	ug/l	
	C9- C10 Aromatics (Unadj.)	342	40	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	104%		70-130%
460-00-4	BFB	104%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-MW22		
Lab Sample ID:	F48302-9	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF24004.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	324	200	150	ug/l	
	C9-C18 Aliphatics	314	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	88%		40-140%
580-13-2	2-Bromonaphthalene	78%		40-140%
84-15-1	o-Terphenyl	98%		40-140%
321-60-8	2-Fluorobiphenyl	99%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW10		
Lab Sample ID:	F48302-10	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L036047.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850
Run #2							

	Initial Volume	Final Volume
Run #1	1100 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	23	9.1	ug/l	
95-57-8	2-Chlorophenol	ND	4.5	1.8	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.5	1.8	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.5	1.8	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.5	1.8	ug/l	
51-28-5	2,4-Dinitrophenol	ND	23	9.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.1	4.5	ug/l	
95-48-7	2-Methylphenol	ND	4.5	1.8	ug/l	
	3&4-Methylphenol	ND	4.5	1.8	ug/l	
88-75-5	2-Nitrophenol	ND	4.5	1.8	ug/l	
100-02-7	4-Nitrophenol	ND	23	9.1	ug/l	
87-86-5	Pentachlorophenol	ND	23	9.1	ug/l	
108-95-2	Phenol	ND	4.5	1.8	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.5	1.8	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.5	1.8	ug/l	
83-32-9	Acenaphthene	ND	4.5	0.91	ug/l	
208-96-8	Acenaphthylene	ND	4.5	0.91	ug/l	
120-12-7	Anthracene	ND	4.5	0.91	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.5	0.91	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.5	0.91	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.5	0.91	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.5	1.8	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.5	0.91	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.5	0.91	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.5	1.8	ug/l	
100-51-6	Benzyl Alcohol	ND	4.5	0.91	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.5	0.91	ug/l	
106-47-8	4-Chloroaniline	ND	9.1	3.6	ug/l	
86-74-8	Carbazole	ND	4.5	0.91	ug/l	
218-01-9	Chrysene	ND	4.5	0.91	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.5	0.91	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.5	1.8	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW10		
Lab Sample ID:	F48302-10	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.5	0.91	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.5	0.91	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.5	0.91	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.5	0.91	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.5	0.91	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.5	1.8	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.5	1.8	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.1	4.5	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.5	1.8	ug/l	
132-64-9	Dibenzofuran	ND	4.5	0.91	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.5	1.8	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.5	2.3	ug/l	
84-66-2	Diethyl phthalate	ND	4.5	1.8	ug/l	
131-11-3	Dimethyl phthalate	ND	4.5	1.8	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.5	2.3	ug/l	
206-44-0	Fluoranthene	ND	4.5	0.91	ug/l	
86-73-7	Fluorene	ND	4.5	0.91	ug/l	
118-74-1	Hexachlorobenzene	ND	4.5	0.91	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.5	1.8	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.5	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.5	1.8	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.5	1.8	ug/l	
78-59-1	Isophorone	ND	4.5	0.91	ug/l	
91-57-6	2-Methylnaphthalene	12.6	4.5	0.91	ug/l	
88-74-4	2-Nitroaniline	ND	9.1	3.6	ug/l	
99-09-2	3-Nitroaniline	ND	9.1	3.6	ug/l	
100-01-6	4-Nitroaniline	ND	9.1	3.6	ug/l	
91-20-3	Naphthalene	32.8	4.5	0.91	ug/l	
98-95-3	Nitrobenzene	ND	4.5	0.91	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.5	1.8	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.5	1.8	ug/l	
85-01-8	Phenanthrene	ND	4.5	0.91	ug/l	
129-00-0	Pyrene	ND	4.5	0.91	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.5	0.91	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	30%		14-62%
4165-62-2	Phenol-d5	20%		10-40%
118-79-6	2,4,6-Tribromophenol	74%		33-118%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW10		
Lab Sample ID:	F48302-10	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	63%		42-108%
321-60-8	2-Fluorobiphenyl	60%		40-106%
1718-51-0	Terphenyl-d14	67%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	4.39	21	ug/l	JN
95-93-2	Benzene, 1,2,4,5-tetramethyl-	4.74	13	ug/l	JN
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	4.92	30	ug/l	JN
119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	4.99	21	ug/l	JN
2809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-methyl	5.76	12	ug/l	JN
7782-24-3	Benzeneacetic acid, .alpha.-methyl-, (S)	6.16	72	ug/l	JN
610-72-0	Benzoic acid, 2,5-dimethyl-	6.58	32	ug/l	JN
1126-56-3	Propanamide, N-cyclohexyl-	6.70	32	ug/l	JN
6331-04-0	Acetic acid, (2,4-xylyl)-	6.81	32	ug/l	JN
53155-90-1	Benzeneacetaldehyde, 2-methoxy-.alpha.,5	7.19	27	ug/l	JN
4476-28-2	4-Isopropylphenylacetic acid	7.22	13	ug/l	JN
1011-12-7	Cyclohexanone, 2-cyclohexylidene-	7.57	180	ug/l	JN
1000215-33-8	1-Hydroxyinden-3-one-1-carboxylic acid	7.87	33	ug/l	JN
32723-67-4	3-Methyl-p-anisaldehyde	7.92	27	ug/l	JN
20881-29-2	Benzenebutanoic acid, .gamma.-methyl-, m	7.98	12	ug/l	JN
53774-19-9	3-Pentenoic acid, 4-phenyl-	8.11	37	ug/l	JN
6630-01-9	Benzene, 1-(1,1-dimethylethyl)-3-ethyl-5	8.64	21	ug/l	JN
7340-22-9	2-(2-Carboxyvinyl)pyridine, trans	8.81	17	ug/l	JN
1848-42-6	1-Indazolinecarboxylic acid, 2-methyl-3-	9.16	32	ug/l	JN
114376-60-2	Motrin methyl ester	9.91	20	ug/l	JN
	Total TIC, Semi-Volatile		684	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW10		
Lab Sample ID:	F48302-10	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ024322.D	1	04/07/07	AF	n/a	n/a	GQQ920
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	13.7	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	9.1	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	1.4	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	5.5	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%		70-120%
98-08-8	aaa-Trifluorotoluene	100%		73-118%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW10		
Lab Sample ID:	F48302-10	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026402.D	2	04/03/07	MM	n/a	n/a	GUV1519
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	150	100	ug/l	
	C9- C12 Aliphatics (Unadj.)	464	110	60	ug/l	
	C9- C10 Aromatics (Unadj.)	449	40	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	110%		70-130%
460-00-4	BFB	111%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW10		
Lab Sample ID:	F48302-10	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF24005.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	405	200	150	ug/l	
	C9-C18 Aliphatics	380	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	92%		40-140%
580-13-2	2-Bromonaphthalene	66%		40-140%
84-15-1	o-Terphenyl	87%		40-140%
321-60-8	2-Fluorobiphenyl	84%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW12		
Lab Sample ID:	F48302-11	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L036048.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850
Run #2	U001760.D	2	04/10/07	NJ	04/02/07	OP20017	SU85

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2	1000 ml	1.0 ml

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW12		
Lab Sample ID:	F48302-11	Date Sampled:	03/26/07
Matrix:	AQ - Ground Water	Date Received:	03/28/07
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	84.3	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	151 [a]	10	2.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	30%	30%	14-62%
4165-62-2	Phenol-d5	19%	20%	10-40%
118-79-6	2,4,6-Tribromophenol	79%	74%	33-118%

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW12		
Lab Sample ID:	F48302-11	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	60%	60%	42-108%
321-60-8	2-Fluorobiphenyl	60%	64%	40-106%
1718-51-0	Terphenyl-d14	74%	74%	39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
526-73-8	Benzene, 1,2,3-trimethyl-	3.86	27	ug/l	JN
611-14-3	Benzene, 1-ethyl-2-methyl-	3.92	20	ug/l	JN
496-11-7	Indane	4.28	24	ug/l	JN
	unknown	4.34	17	ug/l	J
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	4.39	57	ug/l	JN
934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	4.50	40	ug/l	JN
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	4.51	36	ug/l	JN
527-53-7	Benzene, 1,2,3,5-tetramethyl-	4.72	17	ug/l	JN
95-93-2	Benzene, 1,2,4,5-tetramethyl-	4.74	20	ug/l	JN
768-00-3	Benzene, (1-methyl-1-propenyl)-, (E)-	4.86	17	ug/l	JN
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	4.92	52	ug/l	JN
119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	4.99	32	ug/l	JN
83-33-0	1H-Inden-1-one, 2,3-dihydro-	5.72	87	ug/l	JN
610-72-0	Benzoic acid, 2,5-dimethyl-	6.14	29	ug/l	JN
1000201-99-6	7-Methylindan-1-one	6.16	23	ug/l	JN
873-66-5	Benzene, 1-propenyl-, (E)-	6.46	47	ug/l	JN
	unknown	6.60	74	ug/l	J
581-40-8	Naphthalene, 2,3-dimethyl-	6.66	18	ug/l	JN
26465-81-6	1H-Inden-1-one, 2,3-dihydro-3,3-dimethyl	6.72	26	ug/l	JN
6939-35-1	1(2H)-Naphthalenone, 3,4-dihydro-5-methy	7.40	49	ug/l	JN
	Total TIC, Semi-Volatile		712	ug/l	J

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW12		
Lab Sample ID:	F48302-11	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ024298.D	1	04/06/07	AF	n/a	n/a	GQQ918
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	3.8	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene [b]	ND	33	33	ug/l	
541-73-1	1,3-Dichlorobenzene [b]	ND	13	13	ug/l	
106-46-7	1,4-Dichlorobenzene [b]	ND	12	12	ug/l	
100-41-4	Ethylbenzene	18.6	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	3.1	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	6.7	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%		70-120%
98-08-8	aaa-Trifluorotoluene	91%		73-118%

(a) All hits confirmed by GC/MS.
(b) Elevated reporting limits due to matrix interference.

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RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW12		
Lab Sample ID:	F48302-11	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026397.D	5	04/03/07	MM	n/a	n/a	GUV1519
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	380	250	ug/l	
	C9- C12 Aliphatics (Unadj.)	1240	280	150	ug/l	
	C9- C10 Aromatics (Unadj.)	1170	100	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	114%		70-130%
460-00-4	BFB	109%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW12		
Lab Sample ID:	F48302-11	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF24007.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	697	200	150	ug/l	
	C9-C18 Aliphatics	533	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	81%		40-140%
580-13-2	2-Bromonaphthalene	53%		40-140%
84-15-1	o-Terphenyl	69%		40-140%
321-60-8	2-Fluorobiphenyl	72%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW16		
Lab Sample ID:	F48302-12	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L036049.D	1	04/10/07	NJ	04/02/07	OP20017	SL1850
Run #2							

	Initial Volume	Final Volume
Run #1	1100 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	23	9.1	ug/l	
95-57-8	2-Chlorophenol	ND	4.5	1.8	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.5	1.8	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.5	1.8	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.5	1.8	ug/l	
51-28-5	2,4-Dinitrophenol	ND	23	9.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.1	4.5	ug/l	
95-48-7	2-Methylphenol	ND	4.5	1.8	ug/l	
	3&4-Methylphenol	ND	4.5	1.8	ug/l	
88-75-5	2-Nitrophenol	ND	4.5	1.8	ug/l	
100-02-7	4-Nitrophenol	ND	23	9.1	ug/l	
87-86-5	Pentachlorophenol	ND	23	9.1	ug/l	
108-95-2	Phenol	ND	4.5	1.8	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.5	1.8	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.5	1.8	ug/l	
83-32-9	Acenaphthene	ND	4.5	0.91	ug/l	
208-96-8	Acenaphthylene	ND	4.5	0.91	ug/l	
120-12-7	Anthracene	ND	4.5	0.91	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.5	0.91	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.5	0.91	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.5	0.91	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.5	1.8	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.5	0.91	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.5	0.91	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.5	1.8	ug/l	
100-51-6	Benzyl Alcohol	ND	4.5	0.91	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.5	0.91	ug/l	
106-47-8	4-Chloroaniline	ND	9.1	3.6	ug/l	
86-74-8	Carbazole	ND	4.5	0.91	ug/l	
218-01-9	Chrysene	ND	4.5	0.91	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.5	0.91	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.5	1.8	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW16		
Lab Sample ID:	F48302-12	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.5	0.91	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.5	0.91	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.5	0.91	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.5	0.91	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.5	0.91	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.5	1.8	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.5	1.8	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.1	4.5	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.5	1.8	ug/l	
132-64-9	Dibenzofuran	ND	4.5	0.91	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.5	1.8	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.5	2.3	ug/l	
84-66-2	Diethyl phthalate	ND	4.5	1.8	ug/l	
131-11-3	Dimethyl phthalate	ND	4.5	1.8	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.5	2.3	ug/l	
206-44-0	Fluoranthene	ND	4.5	0.91	ug/l	
86-73-7	Fluorene	ND	4.5	0.91	ug/l	
118-74-1	Hexachlorobenzene	ND	4.5	0.91	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.5	1.8	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.5	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.5	1.8	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.5	1.8	ug/l	
78-59-1	Isophorone	ND	4.5	0.91	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.5	0.91	ug/l	
88-74-4	2-Nitroaniline	ND	9.1	3.6	ug/l	
99-09-2	3-Nitroaniline	ND	9.1	3.6	ug/l	
100-01-6	4-Nitroaniline	ND	9.1	3.6	ug/l	
91-20-3	Naphthalene	ND	4.5	0.91	ug/l	
98-95-3	Nitrobenzene	ND	4.5	0.91	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.5	1.8	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.5	1.8	ug/l	
85-01-8	Phenanthrene	ND	4.5	0.91	ug/l	
129-00-0	Pyrene	ND	4.5	0.91	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.5	0.91	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	29%		14-62%
4165-62-2	Phenol-d5	20%		10-40%
118-79-6	2,4,6-Tribromophenol	73%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW16		
Lab Sample ID:	F48302-12	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	62%		42-108%
321-60-8	2-Fluorobiphenyl	62%		40-106%
1718-51-0	Terphenyl-d14	71%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
526-73-8	Benzene, 1,2,3-trimethyl-	3.92	4.6	ug/l	JN
95-93-2	Benzene, 1,2,4,5-tetramethyl-	4.91	4.6	ug/l	JN
21041-42-9	3,5-Ethanoquinolin-10-one, decahydro-1,7	20.05	9.3	ug/l	JN
	Total TIC, Semi-Volatile		18.5	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW16		
Lab Sample ID:	F48302-12	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ024334.D	1	04/07/07	AF	n/a	n/a	GQQ920
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene [b]	ND	8.0	8.0	ug/l	
541-73-1	1,3-Dichlorobenzene [b]	ND	3.0	3.0	ug/l	
106-46-7	1,4-Dichlorobenzene [b]	ND	3.0	3.0	ug/l	
100-41-4	Ethylbenzene	1.2	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	5.6	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		70-120%
98-08-8	aaa-Trifluorotoluene	105%		73-118%

(a) All hits confirmed by GC/MS.
(b) Elevated reporting limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW16		
Lab Sample ID:	F48302-12	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026398.D	1	04/03/07	MM	n/a	n/a	GUV1519
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	147	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	141	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	105%		70-130%
460-00-4	BFB	102%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW16		
Lab Sample ID:	F48302-12	**Date Sampled:**	03/26/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF24008.D	1	04/13/07	MG	04/04/07	OP20052	GZF1080
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	157	200	150	ug/l	J
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	88%		40-140%
580-13-2	2-Bromonaphthalene	66%		40-140%
84-15-1	o-Terphenyl	98%		40-140%
321-60-8	2-Fluorobiphenyl	101%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-DUPLICATE		
Lab Sample ID:	F48302-13	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L036050.D	1	04/10/07	NJ	04/02/07	OP20017	SL1850
Run #2							

	Initial Volume	Final Volume
Run #1	1100 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	23	9.1	ug/l	
95-57-8	2-Chlorophenol	ND	4.5	1.8	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.5	1.8	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.5	1.8	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.5	1.8	ug/l	
51-28-5	2,4-Dinitrophenol	ND	23	9.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.1	4.5	ug/l	
95-48-7	2-Methylphenol	ND	4.5	1.8	ug/l	
	3&4-Methylphenol	2.7	4.5	1.8	ug/l	J
88-75-5	2-Nitrophenol	ND	4.5	1.8	ug/l	
100-02-7	4-Nitrophenol	ND	23	9.1	ug/l	
87-86-5	Pentachlorophenol	ND	23	9.1	ug/l	
108-95-2	Phenol	ND	4.5	1.8	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.5	1.8	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.5	1.8	ug/l	
83-32-9	Acenaphthene	ND	4.5	0.91	ug/l	
208-96-8	Acenaphthylene	ND	4.5	0.91	ug/l	
120-12-7	Anthracene	ND	4.5	0.91	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.5	0.91	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.5	0.91	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.5	0.91	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.5	1.8	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.5	0.91	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.5	0.91	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.5	1.8	ug/l	
100-51-6	Benzyl Alcohol	ND	4.5	0.91	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.5	0.91	ug/l	
106-47-8	4-Chloroaniline	ND	9.1	3.6	ug/l	
86-74-8	Carbazole	ND	4.5	0.91	ug/l	
218-01-9	Chrysene	ND	4.5	0.91	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.5	0.91	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.5	1.8	ug/l	

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-DUPLICATE		
Lab Sample ID:	F48302-13	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.5	0.91	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.5	0.91	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.5	0.91	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.5	0.91	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.5	0.91	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.5	1.8	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.5	1.8	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.1	4.5	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.5	1.8	ug/l	
132-64-9	Dibenzofuran	ND	4.5	0.91	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.5	1.8	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.5	2.3	ug/l	
84-66-2	Diethyl phthalate	ND	4.5	1.8	ug/l	
131-11-3	Dimethyl phthalate	ND	4.5	1.8	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.5	2.3	ug/l	
206-44-0	Fluoranthene	ND	4.5	0.91	ug/l	
86-73-7	Fluorene	ND	4.5	0.91	ug/l	
118-74-1	Hexachlorobenzene	ND	4.5	0.91	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.5	1.8	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.5	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.5	1.8	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.5	1.8	ug/l	
78-59-1	Isophorone	ND	4.5	0.91	ug/l	
91-57-6	2-Methylnaphthalene	11.3	4.5	0.91	ug/l	
88-74-4	2-Nitroaniline	ND	9.1	3.6	ug/l	
99-09-2	3-Nitroaniline	ND	9.1	3.6	ug/l	
100-01-6	4-Nitroaniline	ND	9.1	3.6	ug/l	
91-20-3	Naphthalene	10.3	4.5	0.91	ug/l	
98-95-3	Nitrobenzene	ND	4.5	0.91	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.5	1.8	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.5	1.8	ug/l	
85-01-8	Phenanthrene	ND	4.5	0.91	ug/l	
129-00-0	Pyrene	ND	4.5	0.91	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.5	0.91	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	27%		14-62%
4165-62-2	Phenol-d5	17%		10-40%
118-79-6	2,4,6-Tribromophenol	73%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-DUPLICATE		
Lab Sample ID:	F48302-13	Date Sampled:	03/27/07
Matrix:	AQ - Ground Water	Date Received:	03/28/07
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	54%		42-108%
321-60-8	2-Fluorobiphenyl	56%		40-106%
1718-51-0	Terphenyl-d14	66%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
526-73-8	Benzene, 1,2,3-trimethyl-	3.92	8.3	ug/l	JN
496-11-7	Indane	4.27	5.9	ug/l	JN
1074-43-7	Benzene, 1-methyl-3-propyl-	4.36	6.2	ug/l	JN
141-93-5	Benzene, 1,3-diethyl-	4.39	13	ug/l	JN
1074-17-5	Benzene, 1-methyl-2-propyl-	4.44	6.3	ug/l	JN
488-23-3	Benzene, 1,2,3,4-tetramethyl-	4.72	4.8	ug/l	JN
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	4.74	7.6	ug/l	JN
54120-62-6	Benzene, ethyl-1,2,4-trimethyl-	4.85	6.2	ug/l	JN
95-93-2	Benzene, 1,2,4,5-tetramethyl-	4.91	19	ug/l	JN
119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	4.99	14	ug/l	JN
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl	5.60	5.1	ug/l	JN
2809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-methyl	5.76	5.4	ug/l	JN
610-72-0	Benzoic acid, 2,5-dimethyl-	6.08	5	ug/l	JN
581-42-0	Naphthalene, 2,6-dimethyl-	6.65	4.6	ug/l	JN
528-90-5	Benzoic acid, 2,4,5-trimethyl-	6.99	5.9	ug/l	JN
536-66-3	Benzoic acid, 4-(1-methylethyl)-	7.40	65	ug/l	JN
	Total TIC, Semi-Volatile		182.3	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-DUPLICATE		
Lab Sample ID:	F48302-13	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ024343.D	1	04/07/07	AF	n/a	n/a	GQQ920
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1.0	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene [b]	ND	16	16	ug/l	
541-73-1	1,3-Dichlorobenzene [b]	ND	7.0	7.0	ug/l	
106-46-7	1,4-Dichlorobenzene [b]	ND	7.0	7.0	ug/l	
100-41-4	Ethylbenzene	4.8	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	5.2	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		70-120%
98-08-8	aaa-Trifluorotoluene	96%		73-118%

(a) All hits confirmed by GC/MS.
(b) Elevated reporting limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-DUPLICATE		
Lab Sample ID:	F48302-13	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026399.D	2	04/03/07	MM	n/a	n/a	GUV1519
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	150	100	ug/l	
	C9- C12 Aliphatics (Unadj.)	410	110	60	ug/l	
	C9- C10 Aromatics (Unadj.)	392	40	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	109%		70-130%
460-00-4	BFB	114%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTRR-DUPLICATE		
Lab Sample ID:	F48302-13	**Date Sampled:**	03/27/07
Matrix:	AQ - Ground Water	**Date Received:**	03/28/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF24017.D	1	04/13/07	MG	04/04/07	OP20052	GZF1080
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	268	200	150	ug/l	
	C9-C18 Aliphatics	253	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	82%		40-140%
580-13-2	2-Bromonaphthalene	62%		40-140%
84-15-1	o-Terphenyl	79%		40-140%
321-60-8	2-Fluorobiphenyl	84%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F48302-14	**Date Sampled:**	03/27/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	03/28/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ024344.D	1	04/07/07	AF	n/a	n/a	GQQ920
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		70-120%
98-08-8	aaa-Trifluorotoluene	100%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST Laboratories

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ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: F48302
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: OBACT OF VIRGINIA
ADDRESS: 2618 A Colley Ave
CITY, STATE, ZIP: Norfolk VA 23517
SEND REPORT TO: Mike Cree
PHONE #: (757) 440-0400

FACILITY INFORMATION

PROJECT NAME: Rapid Refueler
LOCATION: MCAS New River NC
PROJECT NO.: CTO 001
FAX #: (757) 440-0411

ANALYTICAL INFORMATION

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION NaOH	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	602 + xylenes + MTBE	625 (PAH)	MADEP EPH	MADEP VPH
1	USTAS511-MW01	3/27/07	1505	TE	GW	10	X			X	X	X	X	X	X
2	USTAS511-MW02	3/27/07	1255	TE	GW	10	X			X	X	X	X	X	X
3	USTAS511-MW03	3/26/07	1405	TE	GW	10	X			X	X	X	X	X	X
4	USTAS511-MW04	3/26/07	1737	TE	GW	10	X			X	X	X	X	X	X
5	USTAS511-MW05	3/27/07	1445	TE	GW	10	X			X	X	X	X	X	X
6	USTAS511-MW06	3/27/07	1225	TE	GW	10	X			X	X	X	X	X	X
7	USTAS511-MW07	3/26/07	1245	TE	GW	10	X			X	X	X	X	X	X
8	USTAS511-MW08	3/26/07	1640	TE	GW	10	X			X	X	X	X	X	X
9	UST RR-MW22	3/27/07	1124	TE	GW	10	X			X	X	X	X	X	X
10	USTAS527-MW10	3/27/07	1400	TE	GW	10	X			X	X	X	X	X	X
11	USTAS527-MW12	3/26/07	1100	TE	GW	10	X			X	X	X	X	X	X

MATRIX CODES

DW - DRINKING WATER
GW - GROUND WATER
WW - WASTE WATER
SO - SOIL
SL - SLUDGE
OI - OIL
LIQ - OTHER LIQUID
SOL - OTHER SOLID

LAB USE ONLY

DATA TURNAROUND INFORMATION

☒ STANDARD
☐ 48 HOUR RUSH
☐ 24 HOUR EMERGENCY
☐ OTHER
APPROVED BY:
EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

☐ STANDARD
☐ COMMERCIAL "B"
☐ DISK DELIVERABLE
☐ STATE FORMS
☒ OTHER (SPECIFY) EDD Format.

COMMENTS/REMARKS

Email RESULTS IN "EDD FORMAT"
To: mcree@OSAGEVA.com
james.wilson@shawgrp.com
mark.martin@shawgrp.com

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY: SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1.	3/27/07 1715	1. FED EX 5198 8927	2. FX	3-28-07	2. J. Corral 09:20
3.		3. 0846 0930 0938	4.		4.
5.		5. 0960 0993	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE 1.8 C

3.0 9.1 2.0 3.1 2 6

F48302: Chain of Custody
Page 1 of 3

ACCUTEST Laboratories

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: F48302
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: OSAGE OF VIRGINIA
ADDRESS: 2618A Colley Ave
CITY, STATE, ZIP: Norfolk VA 23517
SEND REPORT TO: Mike Cree
PHONE #: (757) 440-0400

FACILITY INFORMATION

PROJECT NAME: RAPID REFUELER
LOCATION: NAS New River NC
PROJECT NO.: CTO 001
FAX #: (757) 440-0411

ANALYTICAL INFORMATION

MATRIX CODES

DW - DRINKING WATER
GW - GROUND WATER
WW - WASTE WATER
SO - SOIL
SL - SLUDGE
OI - OIL
LIQ - OTHER LIQUID
SOL - OTHER SOLID

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	602 + Naphthalene + MTBE	625 (PAH)	MADEP EPH	MADEP VPH	LAB USE ONLY
12	UST AS527-MW16	3/26/07	1220	TE	GW	10	X		X	X	X	X	X	X	
13	UST RR-DUPLICATE	3/27/07	N/A	TE	GW	10	X		X	X	X	X	X	X	
14	Trip Blanks	3/27/07	LAB	LAB	W	2	X				X				
	Temp Blanks	3/27/07	LAB	LAB	W	6				X					

DATA TURNAROUND INFORMATION

- [X] STANDARD
- [ ] 48 HOUR RUSH
- [ ] 24 HOUR EMERGENCY
- [ ] OTHER

APPROVED BY:

EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- [ ] STANDARD
- [ ] COMMERCIAL "B"
- [ ] DISK DELIVERABLE
- [ ] STATE FORMS
- [X] OTHER (SPECIFY) EDD FORMAT

COMMENTS/REMARKS

Email results in "EDD Format" To:
MCree@OSAGEVA.com
James.wilson@shawgrp.com
mark.martin@shawgrp.com

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME: 1715 3/27/07	RECEIVED BY: 1. FX	RELINQUISHED BY: 2. FX	DATE TIME: 03-28-07	RECEIVED BY: 2. J. Coral 09:00
RELINQUISHED BY: 3.	DATE TIME:	RECEIVED BY: 3.	RELINQUISHED BY: 4.	DATE TIME:	RECEIVED BY: 4.
RELINQUISHED BY: 5.	DATE TIME:	RECEIVED BY: 5.	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE 1-8 C

0.0 0.2 2.0 3.3 2.1

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F48302 CLIENT: OSAGE OF VIRGINIA PROJECT: RAPID REFUELER

DATE/TIME RECEIVED: 03-28-07 09:00 # OF COOLERS RECEIVED: 6 COOLER TEMPS: 1.8 2.2 2.6 3.0 3.4 3.8

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8600 5198 0890

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [X] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [X] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [X] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [X] TIMES ON COC DOES NOT MATCH LABEL(S)
- [X] ID'S ON COC DOES NOT MATCH LABEL(S) JC
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

MISC. INFORMATION

NUMBER OF ENCORES ? ϕ

NUMBER OF 5035 FIELD KITS ? ϕ

NUMBER OR LAB FILTERED METALS ? ϕ

SUMMARY OF COMMENTS: TIME ON COC FOR SAMPLE # 4 IS 12:45 ON LABELS 14:42

RECEIVED ONLY 1 AMBER (625) FOR SAMPLE # 4

TECHNICIAN SIGNATURE/DATE JC 03-28-07 TECHNICIAN SIGNATURE/DATE

ASBD 10/03/06

3.1.3

F48302: Chain of Custody
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GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20017-MB	L036027.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850

The QC reported here applies to the following samples: Method: EPA 625

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20017-MB	L036027.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850

The QC reported here applies to the following samples: Method: EPA 625

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	30%	14-62%
4165-62-2	Phenol-d5	20%	10-40%

Method Blank Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20017-MB	L036027.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850

The QC reported here applies to the following samples: Method: EPA 625

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	68%	33-118%
4165-60-0	Nitrobenzene-d5	61%	42-108%
321-60-8	2-Fluorobiphenyl	63%	40-106%
1718-51-0	Terphenyl-d14	75%	39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

Method Blank Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20017-MB	U001759.D	1	04/10/07	NJ	04/02/07	OP20017	SU85

The QC reported here applies to the following samples: Method: EPA 625

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20017-MB	U001759.D	1	04/10/07	NJ	04/02/07	OP20017	SU85

The QC reported here applies to the following samples: Method: EPA 625

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	32%	14-62%
4165-62-2	Phenol-d5	22%	10-40%

Method Blank Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20017-MB	U001759.D	1	04/10/07	NJ	04/02/07	OP20017	SU85

The QC reported here applies to the following samples: Method: EPA 625

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	67%	33-118%
4165-60-0	Nitrobenzene-d5	65%	42-108%
321-60-8	2-Fluorobiphenyl	64%	40-106%
1718-51-0	Terphenyl-d14	74%	39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

Blank Spike Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20017-BS	L036026.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850

The QC reported here applies to the following samples: Method: EPA 625

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	14.8	15	10-50
95-57-8	2-Chlorophenol	50	29.3	59	44-103
59-50-7	4-Chloro-3-methyl phenol	50	31.5	63	53-105
120-83-2	2,4-Dichlorophenol	50	32.7	65	53-108
105-67-9	2,4-Dimethylphenol	50	24.8	50	37-91
51-28-5	2,4-Dinitrophenol	100	67.9	68	37-111
534-52-1	4,6-Dinitro-o-cresol	100	84.7	85	62-115
95-48-7	2-Methylphenol	50	23.9	48	35-91
	3&4-Methylphenol	100	42.6	43	32-85
88-75-5	2-Nitrophenol	50	32.5	65	49-111
100-02-7	4-Nitrophenol	100	23.6	24	13-55
87-86-5	Pentachlorophenol	100	74.2	74	57-118
108-95-2	Phenol	50	11.6	23	13-54
95-95-4	2,4,5-Trichlorophenol	50	34.0	68	59-106
88-06-2	2,4,6-Trichlorophenol	50	33.8	68	58-107
83-32-9	Acenaphthene	50	34.1	68	58-106
208-96-8	Acenaphthylene	50	33.7	67	58-105
120-12-7	Anthracene	50	39.0	78	65-108
56-55-3	Benzo(a)anthracene	50	39.8	80	63-111
50-32-8	Benzo(a)pyrene	50	39.7	79	62-106
205-99-2	Benzo(b)fluoranthene	50	41.2	82	63-109
191-24-2	Benzo(g,h,i)perylene	50	40.8	82	61-111
207-08-9	Benzo(k)fluoranthene	50	40.0	80	64-111
101-55-3	4-Bromophenyl phenyl ether	50	38.9	78	64-107
85-68-7	Butyl benzyl phthalate	50	39.9	80	59-114
100-51-6	Benzyl Alcohol	50	23.2	46	34-98
91-58-7	2-Chloronaphthalene	50	32.0	64	54-105
106-47-8	4-Chloroaniline	50	29.9	60	53-103
86-74-8	Carbazole	50	38.8	78	66-109
218-01-9	Chrysene	50	40.5	81	64-111
111-91-1	bis(2-Chloroethoxy)methane	50	30.4	61	48-101
111-44-4	bis(2-Chloroethyl)ether	50	31.8	64	51-108
108-60-1	bis(2-Chloroisopropyl)ether	50	28.7	57	43-106
7005-72-3	4-Chlorophenyl phenyl ether	50	36.6	73	61-107
95-50-1	1,2-Dichlorobenzene	50	26.9	54	41-102
541-73-1	1,3-Dichlorobenzene	50	26.2	52	38-100

Blank Spike Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20017-BS	L036026.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850

The QC reported here applies to the following samples: Method: EPA 625

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-46-7	1,4-Dichlorobenzene	50	25.8	52	40-100
121-14-2	2,4-Dinitrotoluene	50	37.0	74	60-109
606-20-2	2,6-Dinitrotoluene	50	35.0	70	58-104
91-94-1	3,3'-Dichlorobenzidine	50	35.7	71	57-105
53-70-3	Dibenzo(a,h)anthracene	50	40.9	82	62-112
132-64-9	Dibenzofuran	50	34.5	69	61-108
84-74-2	Di-n-butyl phthalate	50	38.3	77	62-109
117-84-0	Di-n-octyl phthalate	50	42.1	84	60-120
84-66-2	Diethyl phthalate	50	38.7	77	62-109
131-11-3	Dimethyl phthalate	50	37.1	74	63-106
117-81-7	bis(2-Ethylhexyl)phthalate	50	40.6	81	59-116
206-44-0	Fluoranthene	50	38.2	76	65-114
86-73-7	Fluorene	50	36.9	74	61-106
118-74-1	Hexachlorobenzene	50	39.2	78	62-107
87-68-3	Hexachlorobutadiene	50	29.0	58	38-107
77-47-4	Hexachlorocyclopentadiene	50	23.8	48	19-84
67-72-1	Hexachloroethane	50	25.3	51	35-101
193-39-5	Indeno(1,2,3-cd)pyrene	50	41.6	83	61-113
78-59-1	Isophorone	50	33.2	66	56-111
91-57-6	2-Methylnaphthalene	50	32.6	65	56-112
88-74-4	2-Nitroaniline	50	35.3	71	60-109
99-09-2	3-Nitroaniline	50	34.2	68	52-107
100-01-6	4-Nitroaniline	50	37.3	75	59-111
91-20-3	Naphthalene	50	30.8	62	50-104
98-95-3	Nitrobenzene	50	31.9	64	52-105
621-64-7	N-Nitroso-di-n-propylamine	50	29.3	59	51-104
86-30-6	N-Nitrosodiphenylamine	50	38.0	76	57-110
85-01-8	Phenanthrene	50	39.1	78	65-108
129-00-0	Pyrene	50	41.6	83	60-113
120-82-1	1,2,4-Trichlorobenzene	50	29.0	58	45-104

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	33%	14-62%
4165-62-2	Phenol-d5	22%	10-40%

Blank Spike Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20017-BS	L036026.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850

The QC reported here applies to the following samples: Method: EPA 625

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Surrogate Recoveries	BSP	Limits
118-79-6	2,4,6-Tribromophenol	76%	33-118%
4165-60-0	Nitrobenzene-d5	63%	42-108%
321-60-8	2-Fluorobiphenyl	64%	40-106%
1718-51-0	Terphenyl-d14	81%	39-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20017-MS	L036042.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850
OP20017-MSD	L036043.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850
F48302-5	L036041.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850

The QC reported here applies to the following samples: Method: EPA 625

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Compound	F48302-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND		200	57.3	29	55.5	28	3	10-50/40
95-57-8	2-Chlorophenol	ND		100	67.7	68	59.0	59	14	44-103/29
59-50-7	4-Chloro-3-methyl phenol	ND		100	72.6	73	65.1	65	11	53-105/24
120-83-2	2,4-Dichlorophenol	ND		100	71.3	71	61.7	62	14	53-108/26
105-67-9	2,4-Dimethylphenol	ND		100	57.0	57	49.1	49	15	37-91/28
51-28-5	2,4-Dinitrophenol	ND		200	133	67	122	61	9	37-111/30
534-52-1	4,6-Dinitro-o-cresol	ND		200	162	81	155	78	4	62-115/26
95-48-7	2-Methylphenol	ND		100	60.9	61	53.5	54	13	35-91/30
	3&4-Methylphenol	ND		200	119	60	106	53	12	32-85/29
88-75-5	2-Nitrophenol	ND		100	70.9	71	60.3	60	16	49-111/30
100-02-7	4-Nitrophenol	ND		200	90.8	45	87.4	44	4	13-55/31
87-86-5	Pentachlorophenol	ND		200	144	72	132	66	9	57-118/26
108-95-2	Phenol	ND		100	40.7	41	36.9	37	10	13-54/34
95-95-4	2,4,5-Trichlorophenol	ND		100	74.8	75	68.2	68	9	59-106/23
88-06-2	2,4,6-Trichlorophenol	ND		100	76.5	77	66.2	66	14	58-107/24
83-32-9	Acenaphthene	ND		100	75.8	76	69.0	69	9	58-106/21
208-96-8	Acenaphthylene	ND		100	74.8	75	66.1	66	12	58-105/21
120-12-7	Anthracene	ND		100	80.6	81	75.3	75	7	65-108/19
56-55-3	Benzo(a)anthracene	ND		100	81.3	81	75.8	76	7	63-111/19
50-32-8	Benzo(a)pyrene	ND		100	79.0	79	75.3	75	5	62-106/20
205-99-2	Benzo(b)fluoranthene	ND		100	79.5	80	75.1	75	6	63-109/20
191-24-2	Benzo(g,h,i)perylene	ND		100	84.2	84	80.9	81	4	61-111/21
207-08-9	Benzo(k)fluoranthene	ND		100	79.8	80	79.7	80	0	64-111/20
101-55-3	4-Bromophenyl phenyl ether	ND		100	77.7	78	72.5	73	7	64-107/20
85-68-7	Butyl benzyl phthalate	ND		100	75.0	75	70.9	71	6	59-114/20
100-51-6	Benzyl Alcohol	ND		100	56.3	56	48.7	49	14	34-98/27
91-58-7	2-Chloronaphthalene	ND		100	72.5	73	64.0	64	12	54-105/24
106-47-8	4-Chloroaniline	ND		100	65.2	65	56.4	56	14	53-103/22
86-74-8	Carbazole	ND		100	81.3	81	76.2	76	6	66-109/20
218-01-9	Chrysene	ND		100	82.3	82	78.0	78	5	64-111/19
111-91-1	bis(2-Chloroethoxy)methane	ND		100	65.5	66	56.3	56	15	48-101/28
111-44-4	bis(2-Chloroethyl)ether	ND		100	70.5	71	61.0	61	14	51-108/27
108-60-1	bis(2-Chloroisopropyl)ether	ND		100	62.9	63	54.4	54	14	43-106/27
7005-72-3	4-Chlorophenyl phenyl ether	ND		100	76.6	77	70.3	70	9	61-107/20
95-50-1	1,2-Dichlorobenzene	ND		100	64.3	64	56.4	56	13	41-102/28
541-73-1	1,3-Dichlorobenzene	ND		100	61.7	62	55.4	55	11	38-100/28

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20017-MS	L036042.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850
OP20017-MSD	L036043.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850
F48302-5	L036041.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850

The QC reported here applies to the following samples: Method: EPA 625

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Compound	F48302-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
106-46-7	1,4-Dichlorobenzene	ND		100	61.6	62	55.5	56	10	40-100/28
121-14-2	2,4-Dinitrotoluene	ND		100	74.5	75	70.9	71	5	60-109/20
606-20-2	2,6-Dinitrotoluene	ND		100	73.0	73	69.2	69	5	58-104/21
91-94-1	3,3'-Dichlorobenzidine	ND		100	72.3	72	68.3	68	6	57-105/25
53-70-3	Dibenzo(a,h)anthracene	ND		100	83.7	84	80.4	80	4	62-112/20
132-64-9	Dibenzofuran	ND		100	74.7	75	68.0	68	9	61-108/20
84-74-2	Di-n-butyl phthalate	ND		100	74.3	74	70.4	70	5	62-109/20
117-84-0	Di-n-octyl phthalate	ND		100	74.7	75	73.3	73	2	60-120/24
84-66-2	Diethyl phthalate	ND		100	76.2	76	74.1	74	3	62-109/19
131-11-3	Dimethyl phthalate	ND		100	77.6	78	72.2	72	7	63-106/19
117-81-7	bis(2-Ethylhexyl)phthalate	ND		100	75.3	75	71.0	71	6	59-116/21
206-44-0	Fluoranthene	ND		100	79.8	80	74.1	74	7	65-114/21
86-73-7	Fluorene	ND		100	78.0	78	71.5	72	9	61-106/19
118-74-1	Hexachlorobenzene	ND		100	77.7	78	74.4	74	4	62-107/20
87-68-3	Hexachlorobutadiene	ND		100	69.0	69	62.4	62	10	38-107/30
77-47-4	Hexachlorocyclopentadiene	ND		100	52.8	53	45.1	45	16	19-84/35
67-72-1	Hexachloroethane	ND		100	61.0	61	56.4	56	8	35-101/29
193-39-5	Indeno(1,2,3-cd)pyrene	ND		100	83.4	83	80.6	81	3	61-113/20
78-59-1	Isophorone	ND		100	72.9	73	62.7	63	15	56-111/26
91-57-6	2-Methylnaphthalene	ND		100	70.7	71	61.3	61	14	56-112/26
88-74-4	2-Nitroaniline	ND		100	77.3	77	71.1	71	8	60-109/20
99-09-2	3-Nitroaniline	ND		100	73.1	73	63.9	64	13	52-107/21
100-01-6	4-Nitroaniline	ND		100	78.8	79	73.9	74	6	59-111/21
91-20-3	Naphthalene	ND		100	68.9	69	59.8	60	14	50-104/28
98-95-3	Nitrobenzene	ND		100	70.2	70	59.9	60	16	52-105/28
621-64-7	N-Nitroso-di-n-propylamine	ND		100	65.6	66	57.1	57	14	51-104/28
86-30-6	N-Nitrosodiphenylamine	ND		100	77.0	77	71.9	72	7	57-110/19
85-01-8	Phenanthrene	ND		100	80.8	81	75.8	76	6	65-108/20
129-00-0	Pyrene	ND		100	79.7	80	74.7	75	6	60-113/20
120-82-1	1,2,4-Trichlorobenzene	ND		100	67.4	67	59.4	59	13	45-104/28

CAS No.	Surrogate Recoveries	MS	MSD	F48302-5	Limits
367-12-4	2-Fluorophenol	50%	46%	29%	14-62%
4165-62-2	Phenol-d5	40%	37%	20%	10-40%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20017-MS	L036042.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850
OP20017-MSD	L036043.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850
F48302-5	L036041.D	1	04/09/07	NJ	04/02/07	OP20017	SL1850

The QC reported here applies to the following samples: **Method:** EPA 625

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Surrogate Recoveries	MS	MSD	F48302-5	Limits
118-79-6	2,4,6-Tribromophenol	77%	71%	65%	33-118%
4165-60-0	Nitrobenzene-d5	68%	58%	56%	42-108%
321-60-8	2-Fluorobiphenyl	70%	61%	57%	40-106%
1718-51-0	Terphenyl-d14	76%	72%	72%	39-121%

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ918-MB	QQ024271.D	1	04/05/07	AF	n/a	n/a	GQQ918

The QC reported here applies to the following samples: Method: EPA 601/602

F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-11

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	95%	70-120%
98-08-8	aaa-Trifluorotoluene	90%	73-118%

Method Blank Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ920-MB	QQ024319.D	1	04/07/07	AF	n/a	n/a	GQQ920

The QC reported here applies to the following samples: Method: EPA 601/602

F48302-1, F48302-10, F48302-12, F48302-13, F48302-14

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	96%	70-120%
98-08-8	aaa-Trifluorotoluene	101%	73-118%

Method Blank Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1518-MB	UV026362.D	1	04/02/07	MM	n/a	n/a	GUV1518

The QC reported here applies to the following samples: Method: MADEP VPH

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	BFB	103%	70-130%
460-00-4	BFB	100%	70-130%

Method Blank Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1519-MB	UV026394.D	1	04/03/07	MM	n/a	n/a	GUV1519

The QC reported here applies to the following samples: Method: MADEP VPH

F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	BFB	98%	70-130%
460-00-4	BFB	98%	70-130%

Blank Spike Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ918-BS	QQ024270.D	1	04/05/07	AF	n/a	n/a	GQQ918

The QC reported here applies to the following samples: Method: EPA 601/602

F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	17.2	86	80-120
108-90-7	Chlorobenzene	20	20.8	104	79-118
95-50-1	1,2-Dichlorobenzene	20	24.2	121*	76-117
541-73-1	1,3-Dichlorobenzene	20	24.1	121*	78-120
106-46-7	1,4-Dichlorobenzene	20	24.1	121*	78-117
100-41-4	Ethylbenzene	20	19.7	99	79-121
1634-04-4	Methyl Tert Butyl Ether	20	21.1	106	72-113
108-88-3	Toluene	20	17.9	90	79-121
1330-20-7	Xylenes (total)	60	59.5	99	80-119

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	99%	70-120%
98-08-8	aaa-Trifluorotoluene	92%	73-118%

Blank Spike Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ920-BS	QQ024318.D	1	04/07/07	AF	n/a	n/a	GQQ920

The QC reported here applies to the following samples: Method: EPA 601/602

F48302-1, F48302-10, F48302-12, F48302-13, F48302-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	20.3	102	80-120
108-90-7	Chlorobenzene	20	20.9	105	79-118
95-50-1	1,2-Dichlorobenzene	20	20.7	104	76-117
541-73-1	1,3-Dichlorobenzene	20	20.8	104	78-120
106-46-7	1,4-Dichlorobenzene	20	20.9	105	78-117
100-41-4	Ethylbenzene	20	20.4	102	79-121
1634-04-4	Methyl Tert Butyl Ether	20	19.0	95	72-113
108-88-3	Toluene	20	20.3	102	79-121
1330-20-7	Xylenes (total)	60	62.2	104	80-119

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	100%	70-120%
98-08-8	aaa-Trifluorotoluene	98%	73-118%

Blank Spike Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1518-BS	UV026361.D	1	04/02/07	MM	n/a	n/a	GUV1518

The QC reported here applies to the following samples: Method: MADEP VPH

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C5- C8 Aliphatics (Unadj.)	480	527	110	70-130
	C9- C12 Aliphatics (Unadj.)	480	567	118	70-130
	C9- C10 Aromatics (Unadj.)	80	91.9	115	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	BFB	126%	70-130%
460-00-4	BFB	120%	70-130%

Blank Spike Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1519-BS	UV026393.D	1	04/03/07	MM	n/a	n/a	GUV1519

The QC reported here applies to the following samples: Method: MADEP VPH

F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C5- C8 Aliphatics (Unadj.)	480	538	112	70-130
	C9- C12 Aliphatics (Unadj.)	480	578	120	70-130
	C9- C10 Aromatics (Unadj.)	80	93.0	116	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	BFB	126%	70-130%
460-00-4	BFB	119%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48302-3MS	QQ024287.D	1	04/05/07	AF	n/a	n/a	GQQ918
F48302-3MSD	QQ024288.D	1	04/05/07	AF	n/a	n/a	GQQ918
F48302-3	QQ024286.D	1	04/05/07	AF	n/a	n/a	GQQ918

The QC reported here applies to the following samples: Method: EPA 601/602

F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-11

CAS No.	Compound	F48302-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	17.3	87	17.2	86	1	80-120/10
108-90-7	Chlorobenzene	ND		20	20.8	104	20.8	104	0	79-118/10
95-50-1	1,2-Dichlorobenzene	ND		20	24.3	122*	24.3	122*	0	76-117/18
541-73-1	1,3-Dichlorobenzene	ND		20	23.9	120	23.9	120	0	78-120/13
106-46-7	1,4-Dichlorobenzene	ND		20	24.2	121*	24.2	121*	0	78-117/11
100-41-4	Ethylbenzene	ND		20	19.7	99	19.7	99	0	79-121/9
1634-04-4	Methyl Tert Butyl Ether	ND		20	21.8	109	21.2	106	3	72-113/13
108-88-3	Toluene	ND		20	18.0	90	18.0	90	0	79-121/10
1330-20-7	Xylenes (total)	ND		60	59.7	100	59.5	99	0	80-119/8

CAS No.	Surrogate Recoveries	MS	MSD	F48302-3	Limits
460-00-4	4-Bromofluorobenzene	98%	98%	97%	70-120%
98-08-8	aaa-Trifluorotoluene	92%	91%	91%	73-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48326-4MS	QQ024337.D	1	04/07/07	AF	n/a	n/a	GQQ920
F48326-4MSD	QQ024338.D	1	04/07/07	AF	n/a	n/a	GQQ920
F48326-4 [a]	QQ024336.D	1	04/07/07	AF	n/a	n/a	GQQ920

The QC reported here applies to the following samples: Method: EPA 601/602

F48302-1, F48302-10, F48302-12, F48302-13, F48302-14

CAS No.	Compound	F48326-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	0.79	J	20	20.9	101	20.7	100	1	80-120/10
108-90-7	Chlorobenzene	ND		20	20.7	104	20.5	103	1	79-118/10
95-50-1	1,2-Dichlorobenzene	ND		20	20.4	102	20.2	101	1	76-117/18
541-73-1	1,3-Dichlorobenzene	ND		20	20.2	101	20.1	101	0	78-120/13
106-46-7	1,4-Dichlorobenzene	ND		20	20.5	103	20.5	103	0	78-117/11
100-41-4	Ethylbenzene	ND		20	20.2	101	20.0	100	1	79-121/9
1634-04-4	Methyl Tert Butyl Ether	ND		20	19.7	99	19.4	97	2	72-113/13
108-88-3	Toluene	ND		20	20.2	101	20.0	100	1	79-121/10
1330-20-7	Xylenes (total)	ND		60	61.2	102	60.5	101	1	80-119/8

CAS No.	Surrogate Recoveries	MS	MSD	F48326-4	Limits
460-00-4	4-Bromofluorobenzene	102%	100%	100%	70-120%
98-08-8	aaa-Trifluorotoluene	100%	100%	102%	73-118%

(a) All hits confirmed by dual column analysis.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48302-1MS	UV026388.D	1	04/02/07	MM	n/a	n/a	GUV1518
F48302-1MSD	UV026389.D	1	04/02/07	MM	n/a	n/a	GUV1518
F48302-1	UV026363.D	1	04/02/07	MM	n/a	n/a	GUV1518

The QC reported here applies to the following samples: Method: MADEP VPH

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8

CAS No.	Compound	F48302-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C5- C8 Aliphatics (Unadj.)	ND		480	423	88	466	97	10	70-130/50
	C9- C12 Aliphatics (Unadj.)	ND		480	478	100	510	106	6	70-130/50
	C9- C10 Aromatics (Unadj.)	17.8	J	80	96.7	99	101	104	4	70-130/50

CAS No.	Surrogate Recoveries	MS	MSD	F48302-1	Limits
460-00-4	BFB	113%	111%	110%	70-130%
460-00-4	BFB	107%	110%	106%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48302-12MS	UV026405.D	1	04/03/07	MM	n/a	n/a	GUV1519
F48302-12MSD	UV026406.D	1	04/03/07	MM	n/a	n/a	GUV1519
F48302-12	UV026398.D	1	04/03/07	MM	n/a	n/a	GUV1519

The QC reported here applies to the following samples: Method: MADEP VPH

F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Compound	F48302-12 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C5- C8 Aliphatics (Unadj.)	ND		480	472	98	519	108	9	70-130/50
	C9- C12 Aliphatics (Unadj.)	147		480	650	105	681	111	5	70-130/50
	C9- C10 Aromatics (Unadj.)	141		80	228	109	230	111	1	70-130/50

CAS No.	Surrogate Recoveries	MS	MSD	F48302-12	Limits
460-00-4	BFB	120%	139%* [a]	105%	70-130%
460-00-4	BFB	115%	138%* [a]	102%	70-130%

(a) Outside control limits due to matrix interference.

Duplicate Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48326-4DUP	UV026385.D	1	04/02/07	MM	n/a	n/a	GUV1518
F48326-4	UV026382.D	1	04/02/07	MM	n/a	n/a	GUV1518

The QC reported here applies to the following samples: Method: MADEP VPH

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8

CAS No.	Compound	F48326-4 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C5- C8 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C12 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C10 Aromatics (Unadj.)	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F48326-4	Limits
460-00-4	BFB	92%	93%	70-130%
460-00-4	BFB	87%	95%	70-130%

Duplicate Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48302-10DUP	UV026396.D	1	04/03/07	MM	n/a	n/a	GUV1519
F48302-10	UV026402.D	2	04/03/07	MM	n/a	n/a	GUV1519

The QC reported here applies to the following samples: Method: MADEP VPH

F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Compound	F48302-10 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C5- C8 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C12 Aliphatics (Unadj.)	464		574		21	
	C9- C10 Aromatics (Unadj.)	449		546	E	19	

CAS No.	Surrogate Recoveries	DUP	F48302-10	Limits
460-00-4	BFB	120%	110%	70-130%
460-00-4	BFB	130%	111%	70-130%

GC Semi-volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20052-MB	ZF22991.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	76%	40-140%
580-13-2	2-Bromonaphthalene	90%	40-140%
84-15-1	o-Terphenyl	50%	40-140%
321-60-8	2-Fluorobiphenyl	55%	40-140%

Blank Spike Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20052-BS	ZF22990.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C11-C22 Aromatics (Unadj.)	1700	1340	79	40-140
	C9-C18 Aliphatics	600	548	91	40-140
	C19-C36 Aliphatics	800	716	90	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
3386-33-2	1-Chlorooctadecane	80%	40-140%
580-13-2	2-Bromonaphthalene	59%	40-140%
84-15-1	o-Terphenyl	76%	40-140%
321-60-8	2-Fluorobiphenyl	80%	40-140%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20052-MS	ZF22996.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080
OP20052-MSD	ZF22997.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080
F48302-4	ZF22995.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Compound	F48302-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C11-C22 Aromatics (Unadj.)	ND		3400	3360	99	2760	81	20	40-140/50
	C9-C18 Aliphatics	ND		1200	1180	98	1130	94	4	40-140/50
	C19-C36 Aliphatics	ND		1600	1610	101	1570	98	3	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	F48302-4	Limits
3386-33-2	1-Chlorooctadecane	89%	86%	82%	40-140%
580-13-2	2-Bromonaphthalene	74%	64%	71%	40-140%
84-15-1	o-Terphenyl	90%	74%	77%	40-140%
321-60-8	2-Fluorobiphenyl	89%	72%	85%	40-140%

Duplicate Summary

Job Number: F48302
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20052-DUP	ZF24006.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080
F48302-10	ZF24005.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F48302-1, F48302-2, F48302-3, F48302-4, F48302-5, F48302-6, F48302-7, F48302-8, F48302-9, F48302-10, F48302-11, F48302-12, F48302-13

CAS No.	Compound	F48302-10 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C11-C22 Aromatics (Unadj.)	405		455		12	
	C9-C18 Aliphatics	380		395		4	
	C19-C36 Aliphatics	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F48302-10	Limits
3386-33-2	1-Chlorooctadecane	92%	92%	40-140%
580-13-2	2-Bromonaphthalene	72%	66%	40-140%
84-15-1	o-Terphenyl	80%	87%	40-140%
321-60-8	2-Fluorobiphenyl	85%	84%	40-140%

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IT'S ALL IN THE CHEMISTRY

04/17/07

Technical Report for

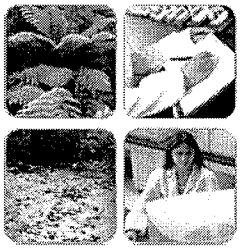
Osage of Virginia

Camp LeJeune; Rapid Refueler, NC

115122 CTO 001

Accutest Job Number: F48326

Sampling Date: 03/28/07



Report to:

Osage of Virginia

mcree@osageva.com

ATTN: Mike Cree

Total number of pages in report: 63

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Harry Behzadi, Ph.D.
Laboratory Director

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Accutest Laboratories

Sample Summary

Osage of Virginia

Job No: F48326

Camp LeJeune; Rapid Refueler, NC
Project No: 115122 CTO 001

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
F48326-1	03/28/07	12:34 TE	03/29/07	AQ	Ground Water	USTAS527-MW03
F48326-2	03/28/07	13:58 TE	03/29/07	AQ	Ground Water	USTAS527-MW04
F48326-3	03/28/07	13:14 TE	03/29/07	AQ	Ground Water	USTAS527-DW02
F48326-4	03/28/07	11:35 TE	03/29/07	AQ	Ground Water	USTAS527-DW06
F48326-5	03/28/07	00:00 TE	03/29/07	AQ	Trip Blank Water	TRIP BLANK

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW03		
Lab Sample ID:	F48326-1	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U001725.D	1	04/05/07	RB	04/04/07	OP20047	SU84
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW03		
Lab Sample ID:	F48326-1	Date Sampled:	03/28/07
Matrix:	AQ - Ground Water	Date Received:	03/29/07
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	28%		14-62%
4165-62-2	Phenol-d5	20%		10-40%
118-79-6	2,4,6-Tribromophenol	78%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW03		
Lab Sample ID:	F48326-1	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	66%		42-108%
321-60-8	2-Fluorobiphenyl	67%		40-106%
1718-51-0	Terphenyl-d14	82%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
526	Benzene, 1,2,3-trimethyl-	4.11	7	ug/l	JN
934	Benzene, 4-ethyl-1,2-dimethyl-	4.42	6.7	ug/l	JN
95	Benzene, 1,2,4,5-tetramethyl-	4.65	6.1	ug/l	JN
933	Benzene, 1-ethyl-2,3-dimethyl-	4.77	5.8	ug/l	JN
488	Benzene, 1,2,3,4-tetramethyl-	4.82	14	ug/l	JN
119	Naphthalene, 1,2,3,4-tetrahydro-	4.88	5.6	ug/l	JN
4175	1H-Indene, 2,3-dihydro-1,3-dimethy	5.07	5.4	ug/l	JN
700	Benzene, pentamethyl-	5.28	5.3	ug/l	JN
2847	Decane, 4-methyl-	5.44	7.4	ug/l	JN
1680	Naphthalene, 1,2,3,4-tetrahydro-6-	5.64	6.2	ug/l	JN
581	Naphthalene, 2,6-dimethyl-	6.37	5.1	ug/l	JN
581	Naphthalene, 2,3-dimethyl-	6.48	6.8	ug/l	JN
10544	Cyclic octaatomic sulfur	11.11	8.8	ug/l	JN
	Total TIC, Semi-Volatile		90.2	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW03		
Lab Sample ID:	F48326-1	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ024342.D	1	04/07/07	AF	n/a	n/a	GQQ920
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene [b]	ND	5.0	5.0	ug/l	
541-73-1	1,3-Dichlorobenzene [b]	ND	2.0	2.0	ug/l	
106-46-7	1,4-Dichlorobenzene [b]	ND	2.0	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%		70-120%
98-08-8	aaa-Trifluorotoluene	100%		73-118%

(a) All hits confirmed by GC/MS.
(b) Elevated reporting limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW03		
Lab Sample ID:	F48326-1	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026400.D	1	04/03/07	MM	n/a	n/a	GUV1519
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	532	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	374	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	112%		70-130%
460-00-4	BFB	121%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW03		
Lab Sample ID:	F48326-1	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF24011.D	1	04/13/07	MG	04/04/07	OP20052	GZF1080
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	206	200	150	ug/l	
	C9-C18 Aliphatics	413	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	68%		40-140%
580-13-2	2-Bromonaphthalene	67%		40-140%
84-15-1	o-Terphenyl	79%		40-140%
321-60-8	2-Fluorobiphenyl	85%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW04		
Lab Sample ID:	F48326-2	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U001726.D	1	04/05/07	RB	04/04/07	OP20047	SU84
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW04		
Lab Sample ID:	F48326-2	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	28%		14-62%
4165-62-2	Phenol-d5	19%		10-40%
118-79-6	2,4,6-Tribromophenol	75%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW04		
Lab Sample ID:	F48326-2	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		42-108%
321-60-8	2-Fluorobiphenyl	65%		40-106%
1718-51-0	Terphenyl-d14	82%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW04		
Lab Sample ID:	F48326-2	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ024335.D	1	04/07/07	AF	n/a	n/a	GQQ920
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		70-120%
98-08-8	aaa-Trifluorotoluene	96%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW04		
Lab Sample ID:	F48326-2	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026379.D	1	04/02/07	MM	n/a	n/a	GUV1518
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	94%		70-130%
460-00-4	BFB	88%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-MW04		
Lab Sample ID:	F48326-2	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF24012.D	1	04/13/07	MG	04/04/07	OP20052	GZF1080
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	97%		40-140%
580-13-2	2-Bromonaphthalene	61%		40-140%
84-15-1	o-Terphenyl	79%		40-140%
321-60-8	2-Fluorobiphenyl	83%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-DW02		
Lab Sample ID:	F48326-3	Date Sampled:	03/28/07
Matrix:	AQ - Ground Water	Date Received:	03/29/07
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	U001762.D	4	04/10/07	NJ	04/04/07	OP20047	SU85
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	98	39	ug/l	
95-57-8	2-Chlorophenol	ND	20	7.8	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	20	7.8	ug/l	
120-83-2	2,4-Dichlorophenol	ND	20	7.8	ug/l	
105-67-9	2,4-Dimethylphenol	ND	20	7.8	ug/l	
51-28-5	2,4-Dinitrophenol	ND	98	39	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	39	20	ug/l	
95-48-7	2-Methylphenol	ND	20	7.8	ug/l	
	3&4-Methylphenol	ND	20	7.8	ug/l	
88-75-5	2-Nitrophenol	ND	20	7.8	ug/l	
100-02-7	4-Nitrophenol	ND	98	39	ug/l	
87-86-5	Pentachlorophenol	ND	98	39	ug/l	
108-95-2	Phenol	ND	20	7.8	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	20	7.8	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	20	7.8	ug/l	
83-32-9	Acenaphthene	ND	20	3.9	ug/l	
208-96-8	Acenaphthylene	ND	20	3.9	ug/l	
120-12-7	Anthracene	ND	20	3.9	ug/l	
56-55-3	Benzo(a)anthracene	ND	20	3.9	ug/l	
50-32-8	Benzo(a)pyrene	ND	20	3.9	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	20	3.9	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	20	7.8	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	20	3.9	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	20	3.9	ug/l	
85-68-7	Butyl benzyl phthalate	ND	20	7.8	ug/l	
100-51-6	Benzyl Alcohol	ND	20	3.9	ug/l	
91-58-7	2-Chloronaphthalene	ND	20	3.9	ug/l	
106-47-8	4-Chloroaniline	ND	39	16	ug/l	
86-74-8	Carbazole	ND	20	3.9	ug/l	
218-01-9	Chrysene	ND	20	3.9	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	20	3.9	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	20	7.8	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-DW02		
Lab Sample ID:	F48326-3	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	20	3.9	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	20	3.9	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	20	3.9	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	20	3.9	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	20	3.9	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	20	7.8	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	20	7.8	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	39	20	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	20	7.8	ug/l	
132-64-9	Dibenzofuran	ND	20	3.9	ug/l	
84-74-2	Di-n-butyl phthalate	ND	20	7.8	ug/l	
117-84-0	Di-n-octyl phthalate	ND	20	9.8	ug/l	
84-66-2	Diethyl phthalate	ND	20	7.8	ug/l	
131-11-3	Dimethyl phthalate	ND	20	7.8	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	20	9.8	ug/l	
206-44-0	Fluoranthene	ND	20	3.9	ug/l	
86-73-7	Fluorene	ND	20	3.9	ug/l	
118-74-1	Hexachlorobenzene	ND	20	3.9	ug/l	
87-68-3	Hexachlorobutadiene	ND	20	7.8	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	7.8	ug/l	
67-72-1	Hexachloroethane	ND	20	7.8	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	20	7.8	ug/l	
78-59-1	Isophorone	ND	20	3.9	ug/l	
91-57-6	2-Methylnaphthalene	63.6	20	3.9	ug/l	
88-74-4	2-Nitroaniline	ND	39	16	ug/l	
99-09-2	3-Nitroaniline	ND	39	16	ug/l	
100-01-6	4-Nitroaniline	ND	39	16	ug/l	
91-20-3	Naphthalene	225	20	3.9	ug/l	
98-95-3	Nitrobenzene	ND	20	3.9	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	20	7.8	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	20	7.8	ug/l	
85-01-8	Phenanthrene	ND	20	3.9	ug/l	
129-00-0	Pyrene	ND	20	3.9	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	20	3.9	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%		14-62%
4165-62-2	Phenol-d5	25%		10-40%
118-79-6	2,4,6-Tribromophenol	94%		33-118%

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-DW02		
Lab Sample ID:	F48326-3	Date Sampled:	03/28/07
Matrix:	AQ - Ground Water	Date Received:	03/29/07
Method:	EPA 625 EPA 625	Percent Solids:	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	77%		42-108%
321-60-8	2-Fluorobiphenyl	86%		40-106%
1718-51-0	Terphenyl-d14	92%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
526	Benzene, 1,2,3-trimethyl-	5.08	180	ug/l	JN
141	Benzene, 1,3-diethyl-	5.48	64	ug/l	JN
527	Benzene, 1-methyl-2-(1-methylethyl	6.15	90	ug/l	JN
119	Naphthalene, 1,2,3,4-tetrahydro-	6.25	54	ug/l	JN
632	Benzoic acid, 2,6-dimethyl-	7.54	120	ug/l	JN
499	Benzoic acid, 3,5-dimethyl-	7.64	62	ug/l	JN
610	Benzoic acid, 2,5-dimethyl-	7.70	80	ug/l	JN
480	Benzoic acid, 2,4,6-trimethyl-	8.04	55	ug/l	JN
140	Pyridine, 5-ethenyl-2-methyl-	8.13	63	ug/l	JN
94	Ethyl 4-methylbenzoate	8.26	120	ug/l	JN
93	1,4-Benzenediamine, N,N-diethyl-	8.35	60	ug/l	JN
536	Benzoic acid, 4-(1-methylethyl)-	8.37	64	ug/l	JN
53155	Benzeneacetaldehyde, 2-methoxy-.al	8.70	76	ug/l	JN
72115	4-Amino-2-nitrobenzonitrile	8.74	78	ug/l	JN
1011	Cyclohexanone, 2-cyclohexylidene-	9.05	450	ug/l	JN
1076	Benzene, 2-methoxy-4-methyl-1-(1-m	9.08	62	ug/l	JN
1000142	2H-Indazol-3-amine, 2-methyl-	9.42	180	ug/l	JN
19851	1,3-Benzenedimethanamine, N,N,N',N	9.46	87	ug/l	JN
2138	4-Cyclohexylresorcinol	9.90	230	ug/l	JN
10544	Cyclic octaatomic sulfur	13.62	56	ug/l	JN
	Total TIC, Semi-Volatile		2231	ug/l	J

(a) Dilution required due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-DW02		
Lab Sample ID:	F48326-3	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ024339.D	1	04/07/07	AF	n/a	n/a	GQQ920
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	8.2	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene [b]	ND	34	34	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	79.8	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	0.80	1.0	0.50	ug/l	J
1330-20-7	Xylenes (total)	33.3	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%		70-120%
98-08-8	aaa-Trifluorotoluene	99%		73-118%

(a) All hits confirmed by GC/MS.
(b) Elevated reporting limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-DW02		
Lab Sample ID:	F48326-3	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026401.D	5	04/03/07	MM	n/a	n/a	GUV1519
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	380	250	ug/l	
	C9- C12 Aliphatics (Unadj.)	1300	280	150	ug/l	
	C9- C10 Aromatics (Unadj.)	1060	100	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	109%		70-130%
460-00-4	BFB	105%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-DW02		
Lab Sample ID:	F48326-3	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF24013.D	1	04/13/07	MG	04/04/07	OP20052	GZF1080
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	696	190	140	ug/l	
	C9-C18 Aliphatics	337	190	190	ug/l	
	C19-C36 Aliphatics	ND	190	190	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	79%		40-140%
580-13-2	2-Bromonaphthalene	65%		40-140%
84-15-1	o-Terphenyl	70%		40-140%
321-60-8	2-Fluorobiphenyl	78%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-DW06		
Lab Sample ID:	F48326-4	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U001728.D	1	04/05/07	RB	04/04/07	OP20047	SU84
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-DW06		
Lab Sample ID:	F48326-4	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	31%		14-62%
4165-62-2	Phenol-d5	21%		10-40%
118-79-6	2,4,6-Tribromophenol	71%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-DW06		
Lab Sample ID:	F48326-4	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%		42-108%
321-60-8	2-Fluorobiphenyl	62%		40-106%
1718-51-0	Terphenyl-d14	74%		39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	unknown	17.70	6.5	ug/l	J
556	Cyclononasiloxane, octadecamethyl-	18.36	10	ug/l	JN
556	Cyclononasiloxane, octadecamethyl-	18.99	15	ug/l	JN
556	Cyclononasiloxane, octadecamethyl-	19.58	19	ug/l	JN
556	Cyclononasiloxane, octadecamethyl-	20.17	25	ug/l	JN
556	Cyclononasiloxane, octadecamethyl-	20.75	27	ug/l	JN
	Total TIC, Semi-Volatile		102.5	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-DW06		
Lab Sample ID:	F48326-4	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	QQ024336.D	1	04/07/07	AF	n/a	n/a	GQQ920
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.79	1.0	0.50	ug/l	J
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		70-120%
98-08-8	aaa-Trifluorotoluene	102%		73-118%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-DW06		
Lab Sample ID:	F48326-4	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026382.D	1	04/02/07	MM	n/a	n/a	GUV1518
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	93%		70-130%
460-00-4	BFB	95%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	USTAS527-DW06		
Lab Sample ID:	F48326-4	**Date Sampled:**	03/28/07
Matrix:	AQ - Ground Water	**Date Received:**	03/29/07
Method:	MADEP-EPH-98-1 SW846 3510C	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF24014.D	1	04/13/07	MG	04/04/07	OP20052	GZF1080
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	74%		40-140%
580-13-2	2-Bromonaphthalene	64%		40-140%
84-15-1	o-Terphenyl	75%		40-140%
321-60-8	2-Fluorobiphenyl	79%		40-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F48326-5	**Date Sampled:**	03/28/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	03/29/07
Method:	EPA 601/602	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QQ024333.D	1	04/07/07	AF	n/a	n/a	GQQ920
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		70-120%
98-08-8	aaa-Trifluorotoluene	98%		73-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F48326-5	**Date Sampled:**	03/28/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	03/29/07
Method:	MADEP VPH	**Percent Solids:**	n/a
Project:	Camp LeJeune; Rapid Refueler, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026384.D	1	04/02/07	MM	n/a	n/a	GUV1518
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	91%		70-130%
460-00-4	BFB	87%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST Laboratories

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: F48326
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: OSAGE OF VIRGINIA
ADDRESS: 3618 A Colley Ave
CITY, STATE, ZIP: Norfolk VA 23517
SEND REPORT TO: Mike Coe
PHONE #: (757) 440-0400

FACILITY INFORMATION

PROJECT NAME: Rapid Refueler
LOCATION: MCAS NEW RIVER NC CTO 001
PROJECT NO.:
FAX #: (757) 440-0711

ANALYTICAL INFORMATION

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION NaOH	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	602 + Xylenes + MTBE	625 (PAH)	MADEP VPH	MADEP EPH
1	USTAS527-MW03	3/28/07	1234	TG	GW	10	X			X	X	X	X	X	X
2	USTAS527-MW04	3/28/07	1358	TG	GW	10	X			X	X	X	X	X	X
3	USTAS527-DW02	3/28/07	1314	TG	GW	10	X			X	X	X	X	X	X
4	USTAS527-DW06	3/28/07	1135	TG	GW	10	X			X	X	X	X	X	X
5	TRIP BLANKS	3/28/07	LAB	LAB	W	2	X					X			
	TEMP BLANKS	3/28/07	LAB	LAB	W	2					X				

MATRIX CODES

DW - DRINKING WATER
GW - GROUND WATER
WW - WASTE WATER
SO - SOIL
SL - SLUDGE
OI - OIL
LIQ - OTHER LIQUID
SOL - OTHER SOLID

LAB USE ONLY

DATA TURNAROUND INFORMATION

☒ STANDARD
☐ 48 HOUR RUSH
☐ 24 HOUR EMERGENCY
☐ OTHER _____

APPROVED BY: _____

EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

☐ STANDARD
☐ COMMERCIAL "B"
☐ DISK DELIVERABLE
☐ STATE FORMS
☒ OTHER (SPECIFY) EDD Format

COMMENTS/REMARKS

Email Results in "EDD Format" to "MAREE@OSAGEVA.COM
James.Wilson@shawgrp.com
Mark.Martin@shawgrp.com

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1.	3/28/07 700	1. FEDEX 8600 5193 0982 0971	2. FX	03-29-07	2. J-Corr 09:00
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
3.		3.	4.		4.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐	TEMPERATURE
5.		5.				2.8 C

3.2

F48326: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F48326 CLIENT: OSAGE OF VIRGINIA PROJECT: RAPID REFUELER

DATE/TIME RECEIVED: 03-29-07 09:00 # OF COOLERS RECEIVED: 2 COOLER TEMPS: 2.8 3.2

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8600 5198 0982

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [X] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [X] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [X] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DOES NOT MATCH LABEL(S)
- [ ] ID'S ON COC DOES NOT MATCH LABEL(S)
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

MISC. INFORMATION

NUMBER OF ENCORES ? ϕ

NUMBER OF 5035 FIELD KITS ? ϕ

NUMBER OR LAB FILTERED METALS ? ϕ

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE: JE 03-29-07 TECHNICIAN SIGNATURE/DATE: ASBD 10/03/06

3.1.3

F48326: Chain of Custody
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GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20047-MB	U001724.D	1	04/05/07	RB	04/04/07	OP20047	SU84

The QC reported here applies to the following samples: Method: EPA 625

F48326-1, F48326-2, F48326-3, F48326-4

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20047-MB	U001724.D	1	04/05/07	RB	04/04/07	OP20047	SU84

The QC reported here applies to the following samples: Method: EPA 625

F48326-1, F48326-2, F48326-3, F48326-4

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	33%	14-62%
4165-62-2	Phenol-d5	23%	10-40%

Method Blank Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20047-MB	U001724.D	1	04/05/07	RB	04/04/07	OP20047	SU84

The QC reported here applies to the following samples: Method: EPA 625

F48326-1, F48326-2, F48326-3, F48326-4

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	71%	33-118%
4165-60-0	Nitrobenzene-d5	63%	42-108%
321-60-8	2-Fluorobiphenyl	62%	40-106%
1718-51-0	Terphenyl-d14	85%	39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile		0	ug/l	

Method Blank Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20047-MB	U001761.D	1	04/10/07	NJ	04/04/07	OP20047	SU85

The QC reported here applies to the following samples: Method: EPA 625

F48326-1, F48326-2, F48326-3, F48326-4

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20047-MB	U001761.D	1	04/10/07	NJ	04/04/07	OP20047	SU85

The QC reported here applies to the following samples: Method: EPA 625

F48326-1, F48326-2, F48326-3, F48326-4

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	35%	14-62%
4165-62-2	Phenol-d5	23%	10-40%

Method Blank Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20047-MB	U001761.D	1	04/10/07	NJ	04/04/07	OP20047	SU85

The QC reported here applies to the following samples: Method: EPA 625

F48326-1, F48326-2, F48326-3, F48326-4

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	77%	33-118%
4165-60-0	Nitrobenzene-d5	67%	42-108%
321-60-8	2-Fluorobiphenyl	67%	40-106%
1718-51-0	Terphenyl-d14	88%	39-121%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	ug/l	

(a) No TICs detected.

Blank Spike Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20047-BS	U001723.D	1	04/05/07	RB	04/04/07	OP20047	SU84

The QC reported here applies to the following samples: Method: EPA 625

F48326-1, F48326-2, F48326-3, F48326-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	18.1	18	10-50
95-57-8	2-Chlorophenol	50	32.4	65	44-103
59-50-7	4-Chloro-3-methyl phenol	50	37.3	75	53-105
120-83-2	2,4-Dichlorophenol	50	36.0	72	53-108
105-67-9	2,4-Dimethylphenol	50	25.8	52	37-91
51-28-5	2,4-Dinitrophenol	100	67.1	67	37-111
534-52-1	4,6-Dinitro-o-cresol	100	80.0	80	62-115
95-48-7	2-Methylphenol	50	27.8	56	35-91
	3&4-Methylphenol	100	51.9	52	32-85
88-75-5	2-Nitrophenol	50	35.0	70	49-111
100-02-7	4-Nitrophenol	100	28.7	29	13-55
87-86-5	Pentachlorophenol	100	80.3	80	57-118
108-95-2	Phenol	50	13.0	26	13-54
95-95-4	2,4,5-Trichlorophenol	50	40.0	80	59-106
88-06-2	2,4,6-Trichlorophenol	50	37.8	76	58-107
83-32-9	Acenaphthene	50	38.9	78	58-106
208-96-8	Acenaphthylene	50	38.5	77	58-105
120-12-7	Anthracene	50	41.1	82	65-108
56-55-3	Benzo(a)anthracene	50	41.5	83	63-111
50-32-8	Benzo(a)pyrene	50	41.0	82	62-106
205-99-2	Benzo(b)fluoranthene	50	41.5	83	63-109
191-24-2	Benzo(g,h,i)perylene	50	42.3	85	61-111
207-08-9	Benzo(k)fluoranthene	50	43.6	87	64-111
101-55-3	4-Bromophenyl phenyl ether	50	40.2	80	64-107
85-68-7	Butyl benzyl phthalate	50	41.9	84	59-114
100-51-6	Benzyl Alcohol	50	28.9	58	34-98
91-58-7	2-Chloronaphthalene	50	35.8	72	54-105
106-47-8	4-Chloroaniline	50	36.3	73	53-103
86-74-8	Carbazole	50	40.9	82	66-109
218-01-9	Chrysene	50	42.4	85	64-111
111-91-1	bis(2-Chloroethoxy)methane	50	33.5	67	48-101
111-44-4	bis(2-Chloroethyl)ether	50	34.3	69	51-108
108-60-1	bis(2-Chloroisopropyl)ether	50	32.3	65	43-106
7005-72-3	4-Chlorophenyl phenyl ether	50	40.4	81	61-107
95-50-1	1,2-Dichlorobenzene	50	29.8	60	41-102
541-73-1	1,3-Dichlorobenzene	50	28.7	57	38-100

Blank Spike Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20047-BS	U001723.D	1	04/05/07	RB	04/04/07	OP20047	SU84

The QC reported here applies to the following samples: Method: EPA 625

F48326-1, F48326-2, F48326-3, F48326-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-46-7	1,4-Dichlorobenzene	50	28.8	58	40-100
121-14-2	2,4-Dinitrotoluene	50	40.6	81	60-109
606-20-2	2,6-Dinitrotoluene	50	38.3	77	58-104
91-94-1	3,3'-Dichlorobenzidine	50	37.4	75	57-105
53-70-3	Dibenzo(a,h)anthracene	50	42.0	84	62-112
132-64-9	Dibenzofuran	50	38.3	77	61-108
84-74-2	Di-n-butyl phthalate	50	40.8	82	62-109
117-84-0	Di-n-octyl phthalate	50	43.1	86	60-120
84-66-2	Diethyl phthalate	50	40.8	82	62-109
131-11-3	Dimethyl phthalate	50	41.0	82	63-106
117-81-7	bis(2-Ethylhexyl)phthalate	50	41.8	84	59-116
206-44-0	Fluoranthene	50	41.7	83	65-114
86-73-7	Fluorene	50	40.9	82	61-106
118-74-1	Hexachlorobenzene	50	39.8	80	62-107
87-68-3	Hexachlorobutadiene	50	30.3	61	38-107
77-47-4	Hexachlorocyclopentadiene	50	22.0	44	19-84
67-72-1	Hexachloroethane	50	27.4	55	35-101
193-39-5	Indeno(1,2,3-cd)pyrene	50	42.5	85	61-113
78-59-1	Isophorone	50	37.7	75	56-111
91-57-6	2-Methylnaphthalene	50	36.5	73	56-112
88-74-4	2-Nitroaniline	50	40.4	81	60-109
99-09-2	3-Nitroaniline	50	39.4	79	52-107
100-01-6	4-Nitroaniline	50	40.6	81	59-111
91-20-3	Naphthalene	50	33.1	66	50-104
98-95-3	Nitrobenzene	50	34.9	70	52-105
621-64-7	N-Nitroso-di-n-propylamine	50	34.5	69	51-104
86-30-6	N-Nitrosodiphenylamine	50	39.4	79	57-110
85-01-8	Phenanthrene	50	41.4	83	65-108
129-00-0	Pyrene	50	42.2	84	60-113
120-82-1	1,2,4-Trichlorobenzene	50	31.3	63	45-104

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	37%	14-62%
4165-62-2	Phenol-d5	25%	10-40%

Blank Spike Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20047-BS	U001723.D	1	04/05/07	RB	04/04/07	OP20047	SU84

The QC reported here applies to the following samples: Method: EPA 625

F48326-1, F48326-2, F48326-3, F48326-4

CAS No.	Surrogate Recoveries	BSP	Limits
118-79-6	2,4,6-Tribromophenol	77%	33-118%
4165-60-0	Nitrobenzene-d5	68%	42-108%
321-60-8	2-Fluorobiphenyl	70%	40-106%
1718-51-0	Terphenyl-d14	81%	39-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20047-MS	U001733.D	1	04/06/07	RB	04/04/07	OP20047	SU84
OP20047-MSD	U001734.D	1	04/06/07	RB	04/04/07	OP20047	SU84
F48326-3 [a]	U001762.D	4	04/10/07	NJ	04/04/07	OP20047	SU85

The QC reported here applies to the following samples: Method: EPA 625

F48326-1, F48326-2, F48326-3, F48326-4

CAS No.	Compound	F48326-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND		200	117	59*	111	56*	5	10-50/40
95-57-8	2-Chlorophenol	ND		100	74.2	74	71.9	72	3	44-103/29
59-50-7	4-Chloro-3-methyl phenol	ND		100	88.4	88	85.8	86	3	53-105/24
120-83-2	2,4-Dichlorophenol	ND		100	84.8	85	79.7	80	6	53-108/26
105-67-9	2,4-Dimethylphenol	ND		100	75.0	75	71.0	71	5	37-91/28
51-28-5	2,4-Dinitrophenol	ND		200	162	81	156	78	4	37-111/30
534-52-1	4,6-Dinitro-o-cresol	ND		200	175	88	166	83	5	62-115/26
95-48-7	2-Methylphenol	ND		100	74.3	74	72.8	73	2	35-91/30
	3&4-Methylphenol	ND		200	147	74	144	72	2	32-85/29
88-75-5	2-Nitrophenol	ND		100	79.6	80	76.7	77	4	49-111/30
100-02-7	4-Nitrophenol	ND		200	117	59*	118	59*	1	13-55/31
87-86-5	Pentachlorophenol	ND		200	241	121*	226	113	6	57-118/26
108-95-2	Phenol	ND		100	50.8	51	50.6	51	0	13-54/34
95-95-4	2,4,5-Trichlorophenol	ND		100	83.1	83	80.5	81	3	59-106/23
88-06-2	2,4,6-Trichlorophenol	ND		100	81.3	81	79.1	79	3	58-107/24
83-32-9	Acenaphthene	ND		100	77.4	77	76.3	76	1	58-106/21
208-96-8	Acenaphthylene	ND		100	74.9	75	73.1	73	2	58-105/21
120-12-7	Anthracene	ND		100	87.3	87	83.6	84	4	65-108/19
56-55-3	Benzo(a)anthracene	ND		100	88.8	89	86.9	87	2	63-111/19
50-32-8	Benzo(a)pyrene	ND		100	86.0	86	83.2	83	3	62-106/20
205-99-2	Benzo(b)fluoranthene	ND		100	90.7	91	89.5	90	1	63-109/20
191-24-2	Benzo(g,h,i)perylene	ND		100	89.3	89	86.5	87	3	61-111/21
207-08-9	Benzo(k)fluoranthene	ND		100	84.9	85	82.6	83	3	64-111/20
101-55-3	4-Bromophenyl phenyl ether	ND		100	87.5	88	86.7	87	1	64-107/20
85-68-7	Butyl benzyl phthalate	ND		100	88.9	89	87.5	88	2	59-114/20
100-51-6	Benzyl Alcohol	ND		100	80.7	81	78.8	79	2	34-98/27
91-58-7	2-Chloronaphthalene	ND		100	74.4	74	72.7	73	2	54-105/24
106-47-8	4-Chloroaniline	ND		100	62.7	63	60.1	60	4	53-103/22
86-74-8	Carbazole	ND		100	88.2	88	84.0	84	5	66-109/20
218-01-9	Chrysene	ND		100	88.2	88	85.9	86	3	64-111/19
111-91-1	bis(2-Chloroethoxy)methane	ND		100	74.6	75	71.1	71	5	48-101/28
111-44-4	bis(2-Chloroethyl)ether	ND		100	76.9	77	76.8	77	0	51-108/27
108-60-1	bis(2-Chloroisopropyl)ether	ND		100	68.7	69	67.6	68	2	43-106/27
7005-72-3	4-Chlorophenyl phenyl ether	ND		100	79.1	79	77.6	78	2	61-107/20
95-50-1	1,2-Dichlorobenzene	ND		100	72.6	73	71.6	72	1	41-102/28
541-73-1	1,3-Dichlorobenzene	ND		100	71.6	72	71.9	72	0	38-100/28

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20047-MS	U001733.D	1	04/06/07	RB	04/04/07	OP20047	SU84
OP20047-MSD	U001734.D	1	04/06/07	RB	04/04/07	OP20047	SU84
F48326-3 [a]	U001762.D	4	04/10/07	NJ	04/04/07	OP20047	SU85

The QC reported here applies to the following samples: Method: EPA 625

F48326-1, F48326-2, F48326-3, F48326-4

CAS No.	Compound	F48326-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
106-46-7	1,4-Dichlorobenzene	ND		100	70.3	70	69.0	69	2	40-100/28
121-14-2	2,4-Dinitrotoluene	ND		100	75.3	75	76.7	77	2	60-109/20
606-20-2	2,6-Dinitrotoluene	ND		100	76.6	77	79.8	80	4	58-104/21
91-94-1	3,3'-Dichlorobenzidine	ND		100	ND	0*	ND	0*	nc	57-105/25
53-70-3	Dibenzo(a,h)anthracene	ND		100	90.1	90	88.0	88	2	62-112/20
132-64-9	Dibenzofuran	ND		100	76.1	76	74.5	75	2	61-108/20
84-74-2	Di-n-butyl phthalate	ND		100	87.7	88	83.9	84	4	62-109/20
117-84-0	Di-n-octyl phthalate	ND		100	92.9	93	91.0	91	2	60-120/24
84-66-2	Diethyl phthalate	ND		100	97.2	97	97.9	98	1	62-109/19
131-11-3	Dimethyl phthalate	ND		100	73.3	73	77.2	77	5	63-106/19
117-81-7	bis(2-Ethylhexyl)phthalate	ND		100	91.0	91	89.8	90	1	59-116/21
206-44-0	Fluoranthene	ND		100	89.8	90	85.9	86	4	65-114/21
86-73-7	Fluorene	ND		100	79.6	80	77.9	78	2	61-106/19
118-74-1	Hexachlorobenzene	ND		100	89.1	89	85.4	85	4	62-107/20
87-68-3	Hexachlorobutadiene	ND		100	80.4	80	79.0	79	2	38-107/30
77-47-4	Hexachlorocyclopentadiene	ND		100	56.1	56	49.9	50	12	19-84/35
67-72-1	Hexachloroethane	ND		100	74.9	75	73.1	73	2	35-101/29
193-39-5	Indeno(1,2,3-cd)pyrene	ND		100	92.5	93	89.3	89	4	61-113/20
78-59-1	Isophorone	ND		100	83.2	83	82.0	82	1	56-111/26
91-57-6	2-Methylnaphthalene	63.6		100	134	70	128	64	5	56-112/26
88-74-4	2-Nitroaniline	ND		100	78.2	78	78.7	79	1	60-109/20
99-09-2	3-Nitroaniline	ND		100	54.2	54	55.9	56	3	52-107/21
100-01-6	4-Nitroaniline	ND		100	39.1	39*	44.2	44*	12	59-111/21
91-20-3	Naphthalene	225		100	261	36* [b]	240	15* [b]	8	50-104/28
98-95-3	Nitrobenzene	ND		100	78.6	79	76.9	77	2	52-105/28
621-64-7	N-Nitroso-di-n-propylamine	ND		100	67.3	67	72.8	73	8	51-104/28
86-30-6	N-Nitrosodiphenylamine	ND		100	82.1	82	81.1	81	1	57-110/19
85-01-8	Phenanthrene	ND		100	88.6	89	84.7	85	5	65-108/20
129-00-0	Pyrene	ND		100	87.7	88	85.7	86	2	60-113/20
120-82-1	1,2,4-Trichlorobenzene	ND		100	78.2	78	77.0	77	2	45-104/28

CAS No.	Surrogate Recoveries	MS	MSD	F48326-3	Limits
367-12-4	2-Fluorophenol	61%	60%	38%	14-62%
4165-62-2	Phenol-d5	50%*	50%*	25%	10-40%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20047-MS	U001733.D	1	04/06/07	RB	04/04/07	OP20047	SU84
OP20047-MSD	U001734.D	1	04/06/07	RB	04/04/07	OP20047	SU84
F48326-3 [a]	U001762.D	4	04/10/07	NJ	04/04/07	OP20047	SU85

The QC reported here applies to the following samples: **Method:** EPA 625

F48326-1, F48326-2, F48326-3, F48326-4

CAS No.	Surrogate Recoveries	MS	MSD	F48326-3	Limits
118-79-6	2,4,6-Tribromophenol	92%	89%	94%	33-118%
4165-60-0	Nitrobenzene-d5	75%	72%	77%	42-108%
321-60-8	2-Fluorobiphenyl	71%	69%	86%	40-106%
1718-51-0	Terphenyl-d14	86%	84%	92%	39-121%

(a) Dilution required due to matrix interference.
(b) Outside control limits due to high level in sample relative to spike amount.

GC Volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ920-MB	QQ024319.D	1	04/07/07	AF	n/a	n/a	GQQ920

The QC reported here applies to the following samples: Method: EPA 601/602

F48326-1, F48326-2, F48326-3, F48326-4, F48326-5

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylenes (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	96%	70-120%
98-08-8	aaa-Trifluorotoluene	101%	73-118%

Method Blank Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1518-MB	UV026362.D	1	04/02/07	MM	n/a	n/a	GUV1518

The QC reported here applies to the following samples: Method: MADEP VPH

F48326-2, F48326-4, F48326-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	BFB	103%	70-130%
460-00-4	BFB	100%	70-130%

Method Blank Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1519-MB	UV026394.D	1	04/03/07	MM	n/a	n/a	GUV1519

The QC reported here applies to the following samples: Method: MADEP VPH

F48326-1, F48326-3

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	75	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	55	30	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	BFB	98%	70-130%
460-00-4	BFB	98%	70-130%

Blank Spike Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQQ920-BS	QQ024318.D	1	04/07/07	AF	n/a	n/a	GQQ920

The QC reported here applies to the following samples: Method: EPA 601/602

F48326-1, F48326-2, F48326-3, F48326-4, F48326-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	20.3	102	80-120
108-90-7	Chlorobenzene	20	20.9	105	79-118
95-50-1	1,2-Dichlorobenzene	20	20.7	104	76-117
541-73-1	1,3-Dichlorobenzene	20	20.8	104	78-120
106-46-7	1,4-Dichlorobenzene	20	20.9	105	78-117
100-41-4	Ethylbenzene	20	20.4	102	79-121
1634-04-4	Methyl Tert Butyl Ether	20	19.0	95	72-113
108-88-3	Toluene	20	20.3	102	79-121
1330-20-7	Xylenes (total)	60	62.2	104	80-119

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	100%	70-120%
98-08-8	aaa-Trifluorotoluene	98%	73-118%

Blank Spike Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1518-BS	UV026361.D	1	04/02/07	MM	n/a	n/a	GUV1518

The QC reported here applies to the following samples: Method: MADEP VPH

F48326-2, F48326-4, F48326-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C5- C8 Aliphatics (Unadj.)	480	527	110	70-130
	C9- C12 Aliphatics (Unadj.)	480	567	118	70-130
	C9- C10 Aromatics (Unadj.)	80	91.9	115	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	BFB	126%	70-130%
460-00-4	BFB	120%	70-130%

Blank Spike Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV1519-BS	UV026393.D	1	04/03/07	MM	n/a	n/a	GUV1519

The QC reported here applies to the following samples: Method: MADEP VPH

F48326-1, F48326-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C5- C8 Aliphatics (Unadj.)	480	538	112	70-130
	C9- C12 Aliphatics (Unadj.)	480	578	120	70-130
	C9- C10 Aromatics (Unadj.)	80	93.0	116	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	BFB	126%	70-130%
460-00-4	BFB	119%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48326-4MS	QQ024337.D	1	04/07/07	AF	n/a	n/a	GQQ920
F48326-4MSD	QQ024338.D	1	04/07/07	AF	n/a	n/a	GQQ920
F48326-4 [a]	QQ024336.D	1	04/07/07	AF	n/a	n/a	GQQ920

The QC reported here applies to the following samples: Method: EPA 601/602

F48326-1, F48326-2, F48326-3, F48326-4, F48326-5

CAS No.	Compound	F48326-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	0.79	J	20	20.9	101	20.7	100	1	80-120/10
108-90-7	Chlorobenzene	ND		20	20.7	104	20.5	103	1	79-118/10
95-50-1	1,2-Dichlorobenzene	ND		20	20.4	102	20.2	101	1	76-117/18
541-73-1	1,3-Dichlorobenzene	ND		20	20.2	101	20.1	101	0	78-120/13
106-46-7	1,4-Dichlorobenzene	ND		20	20.5	103	20.5	103	0	78-117/11
100-41-4	Ethylbenzene	ND		20	20.2	101	20.0	100	1	79-121/9
1634-04-4	Methyl Tert Butyl Ether	ND		20	19.7	99	19.4	97	2	72-113/13
108-88-3	Toluene	ND		20	20.2	101	20.0	100	1	79-121/10
1330-20-7	Xylenes (total)	ND		60	61.2	102	60.5	101	1	80-119/8

CAS No.	Surrogate Recoveries	MS	MSD	F48326-4	Limits
460-00-4	4-Bromofluorobenzene	102%	100%	100%	70-120%
98-08-8	aaa-Trifluorotoluene	100%	100%	102%	73-118%

(a) All hits confirmed by dual column analysis.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48302-1MS	UV026388.D	1	04/02/07	MM	n/a	n/a	GUV1518
F48302-1MSD	UV026389.D	1	04/02/07	MM	n/a	n/a	GUV1518
F48302-1	UV026363.D	1	04/02/07	MM	n/a	n/a	GUV1518

The QC reported here applies to the following samples: Method: MADEP VPH

F48326-2, F48326-4, F48326-5

CAS No.	Compound	F48302-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C5- C8 Aliphatics (Unadj.)	ND		480	423	88	466	97	10	70-130/50
	C9- C12 Aliphatics (Unadj.)	ND		480	478	100	510	106	6	70-130/50
	C9- C10 Aromatics (Unadj.)	17.8	J	80	96.7	99	101	104	4	70-130/50

CAS No.	Surrogate Recoveries	MS	MSD	F48302-1	Limits
460-00-4	BFB	113%	111%	110%	70-130%
460-00-4	BFB	107%	110%	106%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48302-12MS	UV026405.D	1	04/03/07	MM	n/a	n/a	GUV1519
F48302-12MSD	UV026406.D	1	04/03/07	MM	n/a	n/a	GUV1519
F48302-12	UV026398.D	1	04/03/07	MM	n/a	n/a	GUV1519

The QC reported here applies to the following samples: Method: MADEP VPH

F48326-1, F48326-3

CAS No.	Compound	F48302-12 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C5- C8 Aliphatics (Unadj.)	ND		480	472	98	519	108	9	70-130/50
	C9- C12 Aliphatics (Unadj.)	147		480	650	105	681	111	5	70-130/50
	C9- C10 Aromatics (Unadj.)	141		80	228	109	230	111	1	70-130/50

CAS No.	Surrogate Recoveries	MS	MSD	F48302-12	Limits
460-00-4	BFB	120%	139%* [a]	105%	70-130%
460-00-4	BFB	115%	138%* [a]	102%	70-130%

(a) Outside control limits due to matrix interference.

Duplicate Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48326-4DUP	UV026385.D	1	04/02/07	MM	n/a	n/a	GUV1518
F48326-4	UV026382.D	1	04/02/07	MM	n/a	n/a	GUV1518

The QC reported here applies to the following samples: Method: MADEP VPH

F48326-2, F48326-4, F48326-5

CAS No.	Compound	F48326-4 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C5- C8 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C12 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C10 Aromatics (Unadj.)	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F48326-4	Limits
460-00-4	BFB	92%	93%	70-130%
460-00-4	BFB	87%	95%	70-130%

Duplicate Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F48302-10DUP	UV026396.D	1	04/03/07	MM	n/a	n/a	GUV1519
F48302-10	UV026402.D	2	04/03/07	MM	n/a	n/a	GUV1519

The QC reported here applies to the following samples: Method: MADEP VPH

F48326-1, F48326-3

CAS No.	Compound	F48302-10 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C5- C8 Aliphatics (Unadj.)	ND		ND		nc	
	C9- C12 Aliphatics (Unadj.)	464		574		21	
	C9- C10 Aromatics (Unadj.)	449		546	E	19	

CAS No.	Surrogate Recoveries	DUP	F48302-10	Limits
460-00-4	BFB	120%	110%	70-130%
460-00-4	BFB	130%	111%	70-130%

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20052-MB	ZF22991.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F48326-1, F48326-2, F48326-3, F48326-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	200	150	ug/l	
	C9-C18 Aliphatics	ND	200	200	ug/l	
	C19-C36 Aliphatics	ND	200	200	ug/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	76%	40-140%
580-13-2	2-Bromonaphthalene	90%	40-140%
84-15-1	o-Terphenyl	50%	40-140%
321-60-8	2-Fluorobiphenyl	55%	40-140%

Blank Spike Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20052-BS	ZF22990.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F48326-1, F48326-2, F48326-3, F48326-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	C11-C22 Aromatics (Unadj.)	1700	1340	79	40-140
	C9-C18 Aliphatics	600	548	91	40-140
	C19-C36 Aliphatics	800	716	90	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
3386-33-2	1-Chlorooctadecane	80%	40-140%
580-13-2	2-Bromonaphthalene	59%	40-140%
84-15-1	o-Terphenyl	76%	40-140%
321-60-8	2-Fluorobiphenyl	80%	40-140%

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Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20052-MS	ZF22996.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080
OP20052-MSD	ZF22997.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080
F48302-4	ZF22995.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F48326-1, F48326-2, F48326-3, F48326-4

CAS No.	Compound	F48302-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
	C11-C22 Aromatics (Unadj.)	ND		3400	3360	99	2760	81	20	40-140/50
	C9-C18 Aliphatics	ND		1200	1180	98	1130	94	4	40-140/50
	C19-C36 Aliphatics	ND		1600	1610	101	1570	98	3	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	F48302-4	Limits
3386-33-2	1-Chlorooctadecane	89%	86%	82%	40-140%
580-13-2	2-Bromonaphthalene	74%	64%	71%	40-140%
84-15-1	o-Terphenyl	90%	74%	77%	40-140%
321-60-8	2-Fluorobiphenyl	89%	72%	85%	40-140%

Duplicate Summary

Job Number: F48326
Account: OSAGEVAN Osage of Virginia
Project: Camp LeJeune; Rapid Refueler, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20052-DUP	ZF24006.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080
F48302-10	ZF24005.D	1	04/12/07	MG	04/04/07	OP20052	GZF1080

The QC reported here applies to the following samples: Method: MADEP-EPH-98-1

F48326-1, F48326-2, F48326-3, F48326-4

CAS No.	Compound	F48302-10 ug/l	Q	DUP ug/l	Q	RPD	Limits
	C11-C22 Aromatics (Unadj.)	405		455		12	
	C9-C18 Aliphatics	380		395		4	
	C19-C36 Aliphatics	ND		ND		nc	

CAS No.	Surrogate Recoveries	DUP	F48302-10	Limits
3386-33-2	1-Chlorooctadecane	92%	92%	40-140%
580-13-2	2-Bromonaphthalene	72%	66%	40-140%
84-15-1	o-Terphenyl	80%	87%	40-140%
321-60-8	2-Fluorobiphenyl	85%	84%	40-140%

APPENDIX G

MADEP-EPH/VPH ANALYTICAL RESULTS
MARCH 2007

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS497-MW01			
EPH Surrogate Standards		**Date Collected**			03/19/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/22/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/27/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/05/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	190	190	ND	ND			
C19-C36 Aliphatics	ug/l	190	190	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	140	190	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				80	81			
Aromatic Surrogate % Recovery				81	63			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				85	71			
Fractionation Surrogate #2 % Recovery				76	70			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		**Sample Identification**			USTAS497-MW01			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		**Date Collected**			03/19/2007			
Aliphatic: BFB		**Date Received**			03/22/2007			
Aromatic: BFB		**Date Extracted**			03/22/2007			
		Date Analyzed			03/23/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	87			
Aromatic Surrogate % Recovery - PID				96	100			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW15			
EPH Surrogate Standards		**Date Collected**			03/20/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/22/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/27/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/05/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				80	78			
Aromatic Surrogate % Recovery				81	90			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				85	82			
Fractionation Surrogate #2 % Recovery				76	74			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			USTRR-MW15			
		Collection Option (for soil)*			1			
		Date Collected			03/20/2007			
		Date Received			03/22/2007			
		Date Extracted			03/22/2007			
		Date Analyzed			03/23/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	84			
Aromatic Surrogate % Recovery - PID				96	94			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW17			
EPH Surrogate Standards		**Date Collected**			03/19/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/22/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/27/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/05/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	492			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	575			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				80	65			
Aromatic Surrogate % Recovery				81	72			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				85	71			
Fractionation Surrogate #2 % Recovery				76	71			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTRR-MW17			
		Collection Option (for soil)*			1			
		Date Collected			03/19/2007			
		Date Received			03/22/2007			
		Date Extracted			03/22/2007			
		Date Analyzed			03/26/2007			
		% Dry Solids			N/A			
		Dilution Factor			2			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	100	150	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	60	110	ND	718			
C9- C10 Aromatics (Unadj.)	**ug/l**	20	40	ND	626			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	127			
Aromatic Surrogate % Recovery - PID				100	129			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW02			
EPH Surrogate Standards		**Date Collected**			03/21/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/22/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/27/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/05/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				80	77			
Aromatic Surrogate % Recovery				81	76			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				85	69			
Fractionation Surrogate #2 % Recovery				76	55			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			USTRR-MW02			
		Collection Option (for soil)*			1			
		Date Collected			03/21/2007			
		Date Received			03/22/2007			
		Date Extracted			03/22/2007			
		Date Analyzed			03/23/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	80			
Aromatic Surrogate % Recovery - PID				96	86			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW03			
EPH Surrogate Standards		**Date Collected**			03/21/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/22/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/27/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/05/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				80	79			
Aromatic Surrogate % Recovery				81	91			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				85	96			
Fractionation Surrogate #2 % Recovery				76	74			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		**Sample Identification**			USTRR-MW03			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		**Date Collected**			03/21/2007			
Aliphatic: BFB		**Date Received**			03/22/2007			
Aromatic: BFB		**Date Extracted**			03/22/2007			
		Date Analyzed			03/23/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	85			
Aromatic Surrogate % Recovery - PID				96	92			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS497-MW02			
EPH Surrogate Standards		**Date Collected**			03/19/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/22/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/27/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/05/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				80	77			
Aromatic Surrogate % Recovery				81	95			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				85	91			
Fractionation Surrogate #2 % Recovery				76	80			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTAS497-MW02			
		Collection Option (for soil)*			1			
		Date Collected			03/19/2007			
		Date Received			03/22/2007			
		Date Extracted			03/22/2007			
		Date Analyzed			03/23/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	94			
Aromatic Surrogate % Recovery - PID				96	98			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS497-MW03			
EPH Surrogate Standards		**Date Collected**			03/20/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/22/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/27/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/05/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	223			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				80	82			
Aromatic Surrogate % Recovery				81	76			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				85	78			
Fractionation Surrogate #2 % Recovery				76	74			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		Sample Identification			USTAS497-MW03			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		Date Collected			03/20/2007			
Aliphatic: BFB		Date Received			03/22/2007			
Aromatic: BFB		Date Extracted			03/22/2007			
		Date Analyzed			03/23/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	87			
Aromatic Surrogate % Recovery - PID				96	99			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS497-MW04			
EPH Surrogate Standards		**Date Collected**			03/19/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/22/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/27/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/05/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				80	74			
Aromatic Surrogate % Recovery				81	71			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				85	80			
Fractionation Surrogate #2 % Recovery				76	82			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

Hydrocarbon Ranges	Units of Measure	MDL	RL	BLANK	Sample Identification: USTAS497-MW04			
					Collection Option (for soil)*: 1			
					Date Collected: 03/19/2007			
					Date Received: 03/22/2007			
					Date Extracted: 03/22/2007			
					Date Analyzed: 03/23/2007			
					% Dry Solids: N/A			
					Dilution Factor: 1			
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	85			
Aromatic Surrogate % Recovery - PID				96	96			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS497-MW06			
EPH Surrogate Standards		**Date Collected**			03/19/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/22/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/27/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/05/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				80	82			
Aromatic Surrogate % Recovery				81	90			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				85	87			
Fractionation Surrogate #2 % Recovery				76	80			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		**Sample Identification**			USTAS497-MW06			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		**Date Collected**			03/19/2007			
Aliphatic: BFB		**Date Received**			03/22/2007			
Aromatic: BFB		**Date Extracted**			03/22/2007			
		Date Analyzed			03/23/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	90			
Aromatic Surrogate % Recovery - PID				96	97			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW05			
EPH Surrogate Standards		**Date Collected**			03/20/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/22/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/27/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/05/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				80	69			
Aromatic Surrogate % Recovery				81	76			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				85	76			
Fractionation Surrogate #2 % Recovery				76	71			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTRR-MW05			
		Collection Option (for soil)*			1			
		Date Collected			03/20/2007			
		Date Received			03/22/2007			
		Date Extracted			03/22/2007			
		Date Analyzed			03/23/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	16.5 J			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	89			
Aromatic Surrogate % Recovery - PID				96	100			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW10			
EPH Surrogate Standards		**Date Collected**			03/20/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/22/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/27/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/05/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	230			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	716			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				80	58			
Aromatic Surrogate % Recovery				81	71			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				85	79			
Fractionation Surrogate #2 % Recovery				76	77			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			USTRR-MW10			
		Collection Option (for soil)*			1			
		Date Collected			03/20/2007			
		Date Received			03/22/2007			
		Date Extracted			03/22/2007			
		Date Analyzed			03/26/2007			
		% Dry Solids			N/A			
		Dilution Factor			2			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	100	150	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	60	110	ND	726			
C9- C10 Aromatics (Unadj.)	**ug/l**	20	40	ND	650			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	104			
Aromatic Surrogate % Recovery - PID				100	119			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW11			
EPH Surrogate Standards		**Date Collected**			03/20/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/22/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/27/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/05/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				80	70			
Aromatic Surrogate % Recovery				81	87			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				85	87			
Fractionation Surrogate #2 % Recovery				76	86			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTRR-MW11			
		Collection Option (for soil)*			1			
		Date Collected			03/20/2007			
		Date Received			03/22/2007			
		Date Extracted			03/22/2007			
		Date Analyzed			03/23/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	86			
Aromatic Surrogate % Recovery - PID				96	94			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW14			
EPH Surrogate Standards		**Date Collected**			03/20/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/22/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/27/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/05/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				80	74			
Aromatic Surrogate % Recovery				81	76			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				85	74			
Fractionation Surrogate #2 % Recovery				76	68			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTRR-MW14			
		Collection Option (for soil)*			1			
		Date Collected			03/20/2007			
		Date Received			03/22/2007			
		Date Extracted			03/22/2007			
		Date Analyzed			03/23/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	83			
Aromatic Surrogate % Recovery - PID				96	95			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS527-MW03			
EPH Surrogate Standards		**Date Collected**			03/28/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/29/2007			
Aromatic: o-Terphenyl		**Date Extracted**			04/04/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/13/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	413			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	206			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				76	68			
Aromatic Surrogate % Recovery				50	79			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				55	85			
Fractionation Surrogate #2 % Recovery				90	67			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			USTAS527-MW03			
		Collection Option (for soil)*			1			
		Date Collected			03/28/2007			
		Date Received			03/29/2007			
		Date Extracted			03/29/2007			
		Date Analyzed			04/03/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	532			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	374			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				98	121			
Aromatic Surrogate % Recovery - PID				98	112			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS527-MW04			
EPH Surrogate Standards		**Date Collected**			03/28/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/29/2007			
Aromatic: o-Terphenyl		**Date Extracted**			04/04/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/13/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				76	97			
Aromatic Surrogate % Recovery				50	79			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				55	83			
Fractionation Surrogate #2 % Recovery				90	61			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		Sample Identification			USTAS527-MW04			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		Date Collected			03/28/2007			
Aliphatic: BFB		Date Received			03/29/2007			
Aromatic: BFB		Date Extracted			03/29/2007			
		Date Analyzed			04/02/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	88			
Aromatic Surrogate % Recovery - PID				103	94			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS527-DW02			
EPH Surrogate Standards		**Date Collected**			03/28/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/29/2007			
Aromatic: o-Terphenyl		**Date Extracted**			04/04/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/13/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	190	190	ND	337			
C19-C36 Aliphatics	ug/l	190	190	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	140	190	ND	696			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				76	79			
Aromatic Surrogate % Recovery				50	70			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				55	78			
Fractionation Surrogate #2 % Recovery				90	65			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTAS527-DW02			
		Collection Option (for soil)*			1			
		Date Collected			03/28/2007			
		Date Received			03/29/2007			
		Date Extracted			03/29/2007			
		Date Analyzed			04/03/2007			
		% Dry Solids			N/A			
		Dilution Factor			5			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	250	380	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	150	280	ND	1300			
C9- C10 Aromatics (Unadj.)	**ug/l**	50	100	ND	1060			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				98	105			
Aromatic Surrogate % Recovery - PID				98	109			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS527-DW06			
EPH Surrogate Standards		**Date Collected**			03/28/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/29/2007			
Aromatic: o-Terphenyl		**Date Extracted**			04/04/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/13/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				76	74			
Aromatic Surrogate % Recovery				50	75			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				55	79			
Fractionation Surrogate #2 % Recovery				90	64			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		Sample Identification			USTAS527-DW06			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		Date Collected			03/28/2007			
Aliphatic: BFB		Date Received			03/29/2007			
Aromatic: BFB		Date Extracted			03/29/2007			
		Date Analyzed			04/02/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	95			
Aromatic Surrogate % Recovery - PID				103	93			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Trip Blank Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

Sample Identification					TRIP BLANK			
Collection Option (for soil)*					1			
Date Collected					03/28/2007			
Date Received					03/29/2007			
Date Extracted					03/29/2007			
Date Analyzed					04/02/2007			
% Dry Solids					N/A			
Dilution Factor					1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	87			
Aromatic Surrogate % Recovery - PID				103	91			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS511-MW01			
EPH Surrogate Standards		**Date Collected**			03/27/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/28/2007			
Aromatic: o-Terphenyl		**Date Extracted**			04/04/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/12/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				76	84			
Aromatic Surrogate % Recovery				50	61			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				55	72			
Fractionation Surrogate #2 % Recovery				90	82			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		**Sample Identification**			USTAS511-MW01			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		**Date Collected**			03/27/2007			
Aliphatic: BFB		**Date Received**			03/28/2007			
Aromatic: BFB		**Date Extracted**			03/28/2007			
		Date Analyzed			04/02/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	17.8 J			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	106			
Aromatic Surrogate % Recovery - PID				103	110			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS527-MW10			
EPH Surrogate Standards		**Date Collected**			03/27/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/28/2007			
Aromatic: o-Terphenyl		**Date Extracted**			04/04/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/12/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	380			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	405			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				76	92			
Aromatic Surrogate % Recovery				50	87			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				55	84			
Fractionation Surrogate #2 % Recovery				90	66			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTAS527-MW10			
		Collection Option (for soil)*			1			
		Date Collected			03/27/2007			
		Date Received			03/28/2007			
		Date Extracted			03/28/2007			
		Date Analyzed			04/03/2007			
		% Dry Solids			N/A			
		Dilution Factor			2			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	100	150	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	60	110	ND	464			
C9- C10 Aromatics (Unadj.)	**ug/l**	20	40	ND	449			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				98	111			
Aromatic Surrogate % Recovery - PID				98	110			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS527-MW12			
EPH Surrogate Standards		**Date Collected**			03/26/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/28/2007			
Aromatic: o-Terphenyl		**Date Extracted**			04/04/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/12/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	533			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	697			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				76	81			
Aromatic Surrogate % Recovery				50	69			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				55	72			
Fractionation Surrogate #2 % Recovery				90	53			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			USTAS527-MW12			
		Collection Option (for soil)*			1			
		Date Collected			03/26/2007			
		Date Received			03/28/2007			
		Date Extracted			03/28/2007			
		Date Analyzed			04/03/2007			
		% Dry Solids			N/A			
		Dilution Factor			5			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	250	380	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	150	280	ND	1240			
C9- C10 Aromatics (Unadj.)	**ug/l**	50	100	ND	1170			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				98	109			
Aromatic Surrogate % Recovery - PID				98	114			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS527-MW16			
EPH Surrogate Standards		**Date Collected**			03/26/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/28/2007			
Aromatic: o-Terphenyl		**Date Extracted**			04/04/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/13/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	157 J			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				76	88			
Aromatic Surrogate % Recovery				50	98			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				55	101			
Fractionation Surrogate #2 % Recovery				90	66			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		Sample Identification			USTAS527-MW16			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		Date Collected			03/26/2007			
Aliphatic: BFB		Date Received			03/28/2007			
Aromatic: BFB		Date Extracted			03/28/2007			
		Date Analyzed			04/03/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	147			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	141			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				98	102			
Aromatic Surrogate % Recovery - PID				98	105			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-DUPLICATE			
EPH Surrogate Standards		**Date Collected**			03/27/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/28/2007			
Aromatic: o-Terphenyl		**Date Extracted**			04/04/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/13/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	253			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	268			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				76	82			
Aromatic Surrogate % Recovery				50	79			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				55	84			
Fractionation Surrogate #2 % Recovery				90	62			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			USTRR-DUPLICATE			
		Collection Option (for soil)*			1			
		Date Collected			03/27/2007			
		Date Received			03/28/2007			
		Date Extracted			03/28/2007			
		Date Analyzed			04/03/2007			
		% Dry Solids			N/A			
		Dilution Factor			2			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	100	150	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	60	110	ND	410			
C9- C10 Aromatics (Unadj.)	**ug/l**	20	40	ND	392			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				98	114			
Aromatic Surrogate % Recovery - PID				98	109			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS511-MW02			
EPH Surrogate Standards		**Date Collected**			03/27/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/28/2007			
Aromatic: o-Terphenyl		**Date Extracted**			04/04/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/12/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	190	190	ND	ND			
C19-C36 Aliphatics	ug/l	190	190	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	190	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				76	93			
Aromatic Surrogate % Recovery				50	90			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				55	84			
Fractionation Surrogate #2 % Recovery				90	76			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			USTAS511-MW02			
		Collection Option (for soil)*			1			
		Date Collected			03/27/2007			
		Date Received			03/28/2007			
		Date Extracted			03/28/2007			
		Date Analyzed			04/02/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	96			
Aromatic Surrogate % Recovery - PID				103	99			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS511-MW03			
EPH Surrogate Standards		**Date Collected**			03/26/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/28/2007			
Aromatic: o-Terphenyl		**Date Extracted**			04/04/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/12/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				76	86			
Aromatic Surrogate % Recovery				50	69			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				55	58			
Fractionation Surrogate #2 % Recovery				90	68			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTAS511-MW03			
		Collection Option (for soil)*			1			
		Date Collected			03/26/2007			
		Date Received			03/28/2007			
		Date Extracted			03/28/2007			
		Date Analyzed			04/02/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	104			
Aromatic Surrogate % Recovery - PID				103	104			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS511-MW04			
EPH Surrogate Standards		**Date Collected**			03/26/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/28/2007			
Aromatic: o-Terphenyl		**Date Extracted**			04/04/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/12/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				76	82			
Aromatic Surrogate % Recovery				50	77			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				55	85			
Fractionation Surrogate #2 % Recovery				90	71			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		**Sample Identification**			USTAS511-MW04			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		**Date Collected**			03/26/2007			
Aliphatic: BFB		**Date Received**			03/28/2007			
Aromatic: BFB		**Date Extracted**			03/28/2007			
		Date Analyzed			04/02/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	93			
Aromatic Surrogate % Recovery - PID				103	97			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS511-MW05			
EPH Surrogate Standards		**Date Collected**			03/27/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/28/2007			
Aromatic: o-Terphenyl		**Date Extracted**			04/04/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/12/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				76	80			
Aromatic Surrogate % Recovery				50	61			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				55	63			
Fractionation Surrogate #2 % Recovery				90	52			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			USTAS511-MW05			
		Collection Option (for soil)*			1			
		Date Collected			03/27/2007			
		Date Received			03/28/2007			
		Date Extracted			03/28/2007			
		Date Analyzed			04/02/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	97			
Aromatic Surrogate % Recovery - PID				103	98			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS511-MW06			
EPH Surrogate Standards		**Date Collected**			03/27/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/28/2007			
Aromatic: o-Terphenyl		**Date Extracted**			04/04/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/12/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				76	74			
Aromatic Surrogate % Recovery				50	82			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				55	92			
Fractionation Surrogate #2 % Recovery				90	80			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		**Sample Identification**			USTAS511-MW06			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		**Date Collected**			03/27/2007			
Aliphatic: BFB		**Date Received**			03/28/2007			
Aromatic: BFB		**Date Extracted**			03/28/2007			
		Date Analyzed			04/02/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	94			
Aromatic Surrogate % Recovery - PID				103	95			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS511-MW07			
EPH Surrogate Standards		**Date Collected**			03/26/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/28/2007			
Aromatic: o-Terphenyl		**Date Extracted**			04/04/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/12/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				76	86			
Aromatic Surrogate % Recovery				50	58			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				55	61			
Fractionation Surrogate #2 % Recovery				90	54			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTAS511-MW07			
		Collection Option (for soil)*			1			
		Date Collected			03/26/2007			
		Date Received			03/28/2007			
		Date Extracted			03/28/2007			
		Date Analyzed			04/02/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	98			
Aromatic Surrogate % Recovery - PID				103	100			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTAS511-MW08			
EPH Surrogate Standards		**Date Collected**			03/26/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/28/2007			
Aromatic: o-Terphenyl		**Date Extracted**			04/04/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/12/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				76	65			
Aromatic Surrogate % Recovery				50	77			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				55	80			
Fractionation Surrogate #2 % Recovery				90	61			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		**Sample Identification**			USTAS511-MW08			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		**Date Collected**			03/26/2007			
Aliphatic: BFB		**Date Received**			03/28/2007			
Aromatic: BFB		**Date Extracted**			03/28/2007			
		Date Analyzed			04/02/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	91			
Aromatic Surrogate % Recovery - PID				103	94			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			USTRR-MW22			
EPH Surrogate Standards		**Date Collected**			03/27/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/28/2007			
Aromatic: o-Terphenyl		**Date Extracted**			04/04/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/12/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	314			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	324			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				76	88			
Aromatic Surrogate % Recovery				50	98			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				55	99			
Fractionation Surrogate #2 % Recovery				90	78			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			USTRR-MW22			
		Collection Option (for soil)*			1			
		Date Collected			03/27/2007			
		Date Received			03/28/2007			
		Date Extracted			03/28/2007			
		Date Analyzed			04/03/2007			
		% Dry Solids			N/A			
		Dilution Factor			2			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	100	150	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	60	110	ND	395			
C9- C10 Aromatics (Unadj.)	**ug/l**	20	40	ND	342			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				98	104			
Aromatic Surrogate % Recovery - PID				98	104			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			UST RR-MW06			
EPH Surrogate Standards		**Date Collected**			03/22/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/24/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/29/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/09/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				93	62			
Aromatic Surrogate % Recovery				79	68			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				79	82			
Fractionation Surrogate #2 % Recovery				61	63			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			UST RR-MW06			
		Collection Option (for soil)*			1			
		Date Collected			03/22/2007			
		Date Received			03/24/2007			
		Date Extracted			03/24/2007			
		Date Analyzed			03/26/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	11.4 J			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	96			
Aromatic Surrogate % Recovery - PID				100	105			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			UST RR-MW07			
EPH Surrogate Standards		**Date Collected**			03/22/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/24/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/29/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/09/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				93	78			
Aromatic Surrogate % Recovery				79	95			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				79	101			
Fractionation Surrogate #2 % Recovery				61	83			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			UST RR-MW07			
		Collection Option (for soil)*			1			
		Date Collected			03/22/2007			
		Date Received			03/24/2007			
		Date Extracted			03/24/2007			
		Date Analyzed			03/26/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	89			
Aromatic Surrogate % Recovery - PID				100	100			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			UST RR-MW09			
EPH Surrogate Standards		**Date Collected**			03/23/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/24/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/29/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/09/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				93	81			
Aromatic Surrogate % Recovery				79	72			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				79	78			
Fractionation Surrogate #2 % Recovery				61	69			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		Sample Identification			UST RR-MW09			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		Date Collected			03/23/2007			
Aliphatic: BFB		Date Received			03/24/2007			
Aromatic: BFB		Date Extracted			03/24/2007			
		Date Analyzed			03/26/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	89			
Aromatic Surrogate % Recovery - PID				100	101			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			UST RR-MW21			
EPH Surrogate Standards		**Date Collected**			03/22/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/24/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/29/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/09/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				93	77			
Aromatic Surrogate % Recovery				79	72			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				79	79			
Fractionation Surrogate #2 % Recovery				61	72			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			UST RR-MW21			
		Collection Option (for soil)*			1			
		Date Collected			03/22/2007			
		Date Received			03/24/2007			
		Date Extracted			03/24/2007			
		Date Analyzed			03/26/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	86			
Aromatic Surrogate % Recovery - PID				100	96			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			UST RR-MW23			
EPH Surrogate Standards		**Date Collected**			03/22/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/24/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/29/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/09/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	211			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	155 J			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				93	76			
Aromatic Surrogate % Recovery				79	61			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				79	79			
Fractionation Surrogate #2 % Recovery				61	64			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		Sample Identification			UST RR-MW23	UST RR-MW23		
		Collection Option (for soil)*			1	1		
VPH Surrogate Standards		Date Collected			03/22/2007	03/22/2007		
Aliphatic: BFB		Date Received			03/24/2007	03/24/2007		
Aromatic: BFB		Date Extracted			03/24/2007	03/24/2007		
		Date Analyzed			03/27/2007	03/27/2007		
		% Dry Solids			N/A	N/A		
		Dilution Factor			1	2		
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	449			
C9- C10 Aromatics (Unadj.)	**ug/l**	20	40	ND		334		
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**	**70-130%**		
Aliphatic Surrogate % Recovery - FID				89	108	101		
Aromatic Surrogate % Recovery - PID				100	123	111		

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			UST RR-MW03G			
EPH Surrogate Standards		**Date Collected**			03/22/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/24/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/29/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/09/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				93	73			
Aromatic Surrogate % Recovery				79	78			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				79	77			
Fractionation Surrogate #2 % Recovery				61	66			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP VPH		Sample Identification			UST RR-MW03G			
		Collection Option (for soil)*			1			
VPH Surrogate Standards		Date Collected			03/22/2007			
Aliphatic: BFB		Date Received			03/24/2007			
Aromatic: BFB		Date Extracted			03/24/2007			
		Date Analyzed			03/26/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	83			
Aromatic Surrogate % Recovery - PID				100	96			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			UST RR-MW04G			
EPH Surrogate Standards		**Date Collected**			03/22/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/24/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/29/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/09/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				93	81			
Aromatic Surrogate % Recovery				79	89			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				79	90			
Fractionation Surrogate #2 % Recovery				61	73			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			UST RR-MW04G			
		Collection Option (for soil)*			1			
		Date Collected			03/22/2007			
		Date Received			03/24/2007			
		Date Extracted			03/24/2007			
		Date Analyzed			03/27/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	60.7			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	58.2			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				89	98			
Aromatic Surrogate % Recovery - PID				100	106			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			UST RR-MW06G			
EPH Surrogate Standards		**Date Collected**			03/23/2007			
Aliphatic: 1-Chlorooctadecane		**Date Received**			03/24/2007			
Aromatic: o-Terphenyl		**Date Extracted**			03/29/2007			
EPH Fractionation Surrogates		**Date Analyzed**			04/09/2007			
#1: 2-Fluorobiphenyl		**% Dry Solids**			N/A			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/l	200	200	ND	ND			
C19-C36 Aliphatics	ug/l	200	200	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/l	150	200	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				93	78			
Aromatic Surrogate % Recovery				79	81			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				79	82			
Fractionation Surrogate #2 % Recovery				61	82			

* Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.
MDL = Method Detection Limit RL = Reporting Limit

EPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? Yes
Was blank correction applied as a significant modification of the method? Yes
Were any significant modifications to the eph method made? No

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Osage of Virginia
Project Name: Camp LeJeune; Rapid Refueler, NC
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Ground Water

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			UST RR-MW06G			
		Collection Option (for soil)*			1			
		Date Collected			03/23/2007			
		Date Received			03/24/2007			
		Date Extracted			03/24/2007			
		Date Analyzed			03/26/2007			
		% Dry Solids			N/A			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/l**	50	75	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/l**	30	55	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/l**	10	20	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				90	78			
Aromatic Surrogate % Recovery - PID				100	88			

* Option 1 = Established fill line on vial Option 2 = Sampling Device (indicate brand, e.g. EnCoreTM) Option 3 = Field weight of soil

** Unadjusted value. Should exclude the concentration of any surrogate(s), internal standards, and/or concentrations of other ranges that elute within the specified range.

MDL = Method Detection Limit RL = Reporting Limit

VPH rev. 11/00

Were all performance/acceptance standards for required QA/QC procedures achieved? **Yes**

Were any significant modifications to the VPH method made? **No**