SOIL CONTAMINATION REPORT
TARAWA TERRACE BUILDING TT-2478
MARINE CORPS BASE CAMP LEJEUNE
ONSLOW COUNTY, NORTH CAROLINA
INCIDENT NUMBER 7176

Prepared for:

DEPARTMENT OF THE NAVY
Naval Facilities Engineering Command, Atlantic

6506 Hampton Boulevard
Norfolk, Virginia 23508-1278

Prepared by:

11560 Great Oaks Way, Suite 500
Alpharetta, GA 30022-2424

Shaw Project No. 110385

September 2005

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NORTH CAROLINA SEAL 2069 GEOLOGIST JAMES RICHARD WILSON

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North Carolina License Number 2069

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Project Manager

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Program Manager

Shaw Project 110385
September 2005

Soil Contamination Report

(for Petroleum Releases Only)

A. Site Identification

DATE OF REPORT: 9-12-05
Facility I.D.: NA UST Incident Number (if known): 7176

Site Name: Marine Corps Base, Camp Lejeune, North Carolina

Site Location: Tarawa Terrace Building TT-2478

Nearest City/Town: Jacksonville, NC County: Onslow

UST Owner: Commanding General, MCB Camp Lejeune
Address: Installation and Environment Department ATTN: EMD
PSC Box 20004, Camp Lejeune, NC 28542-0004 Phone: 910-451-5068

UST Operator: Commanding General, MCB Camp Lejeune
Address: Installation and Environment Department ATTN: EMD
PSC Box 20004, Camp Lejeune, NC 28542-0004 Phone: 910-451-5068

Property Owner: Commanding General, MCB I&E/EMD/EQB
Address: PSC Box 20004, Camp Lejeune, NC 28542 Phone: 910-451-9660

Property
Occupant: Commanding General, MCB I&E/EMD/EQB
Address: PSC Box 20004, Camp Lejeune, NC 28542 Phone: 910-451 9660

Consultant/Contractor: Shaw Environmental, Inc.
Address: 11560 Great Oaks Way, Suite 500, Alpharetta, GA 30022 Phone: 770.663.1453

Release Information
Date Discovered: August 1995
Latitude: 77° 22' 23.0272" W **Longitude:** 34° 43' 58.4572" N

Estimated Quantity of Release: Unknown

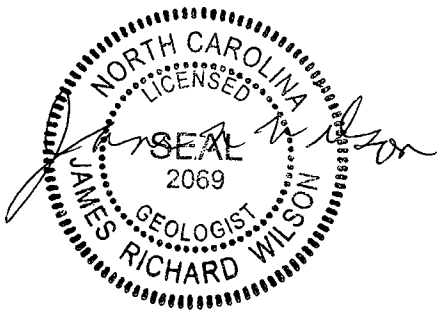
Cause of Release:
Unknown

Source of Release (Piping):
The plume appeared to originate from the vicinity of the USTs

Sizes and contents of UST system(s) from which the release occurred): Three 10,000 gallon gasoline USTs and one 1,000 gallon diesel UST

I, James Wilson a Licensed Geologist for Shaw Environmental, Inc., do certify that the information contained in this report is correct and accurate to the best of my knowledge.

(Please Affix Seal and Signature)



B. Site History:

Located in Onslow County, North Carolina, MCB Camp Lejeune is a training base for the United States Marine Corps. The Base covers approximately 236 square miles (153,000 acres) and includes 14 miles of coastline. MCB Camp Lejeune is bounded to the southeast by the Atlantic Ocean and to the northeast by State Route 24. Wooded areas are located North, East, and West of the site. The town of Jacksonville, North Carolina is located north of the Base (*Figure 1.1).*

Building 2478 is located in the Tarawa Terrace Shopping center in a residential area of the Marine Corps Base, Camp Lejeune, Onslow County, North Carolina (*Figure 1.2*). The site is located on the west side of Iwo Jima Boulevard approximately 850 feet north of its intersection with Tarawa Boulevard. The site is determined to be a Low Risk Category E site based on the State's Site Priority Ranking System.

Building 2478 is currently an active Marine Corps Exchange gas station with two pump islands located in front (east) of the building. Four underground storage tanks (USTs) were formerly located north of the pump islands. These included three 10,000-gallon fiberglass gasoline USTs and one 1,000-gallon diesel UST. The USTs were removed in August of 1995. The USTs were subsequently replaced. *Tables B-1* and *B-2* provide a summary Site History and UST Owner/Operator information respectively.

Contamination Investigation History

In the early 1990s, several environmental investigations were carried out in the vicinity of Buildings TT-2477/2478. Type II wells were installed to investigate the presence of free product and conditions in shallow groundwater. The Type III wells were installed to investigate conditions deeper in the aquifer.

No petroleum constituents were detected in the deep (Type III) wells. However, a plume of dissolved petroleum constituents (including benzene, toluene, ethylbenzene, and xylenes [BTEX]) was discovered in the shallow groundwater. This plume appeared to originate in the vicinity of the USTs at Building TT-2478 and extended to the south (which was the inferred direction of groundwater migration) for more than 700 feet. Near the point of origin, the concentration of dissolved total BTEX was as high as 54,200 micrograms per liter (µg/L).

In the vicinity of Building TT-2477 (located approximately 250 feet south from Building TT-2478), the concentrations of dissolved total BTEX in groundwater never exceeded 21

µg/L. There did not appear to be a substantial contribution to dissolved-phase petroleum constituents from the area around this building. However, a sampling point in the investigation near Building TT-2453 (located approximately 700 feet south from Building 2478) exhibited a four-fold increase in total BTEX constituents from samples collected in the vicinity of Buildings TT-2477/2478. This sample point was east of an abandoned gas station located at the northwest corner of Tarawa Boulevard and Iwo Jima Boulevard.

In the early 1990's a layer of free product was detected in the vicinity of the USTs at Building TT-2478. A free product recovery system was installed using existing monitoring wells in 1993. From July 1993 through February 1996, the system recovered approximately 225 gallons of free product. Free product recovery was also performed at Building TT-2477. From July 1994 to February 1995, approximately 1 gallon of free product was recovered.

Corrective Action Plan

Law Engineering and Environmental Services, Inc. (LAW) prepared a Corrective Action Plan *(CAP)* dated March 20, 1996. The potential receptor identified at greatest apparent risk was a tributary of Northeast Creek located approximately 2,000 feet south of Building TT-2478.

Several remedial objectives were developed for the site. The objectives included:

- Primary Source(s): Eliminate future releases through closure or integrity testing and upgrading the existing UST system at Building TT-2478.
- Secondary Sources:
  - i) Free Product: Remove free product to less than or equal to 1/8 inch as measured in free product recovery wells and groundwater monitoring wells.
  - ii) Vadose Zone Soil Contamination: Reduce Total Petroleum Hydrocarbons (TPH) in soil to 10 ppm as measured by Environmental Protection (EPA) Method 5030 (TPH-Gasoline Range Organics [GRO]) and 40 parts per million (ppm) as measured by EPA Method 3550 (TPH-Diesel Range Organics [DRO]).
- Dissolved-Phase Groundwater Contamination: Restore groundwater to quality consistent with North Carolina Groundwater Quality Standards.

- Receptor Protection: Monitor surface waters in Northeast Creek to ensure that no violation of North Carolina surface water quality standards occurs due to this release.

LAW evaluated three alternative remedial strategies for the site. Pilot tests of SVE and AS wells were conducted in the vicinity of the USTs at Building TT-2478. Based on these studies, LAW recommended a combination of treatment technologies to meet the remedial goals at the site. These included:

- Installation of skimmer pumps in ten recovery wells to remove free product from the area of the former USTs at Building TT-2478.
- Two fields of AS and SVE wells. The AS wells were located where they could remove high concentrations of dissolved-phase petroleum constituents and prevent further migration of the plume. An SVE well would be located near each AS well. The SVE well would capture fugitive emissions resulting from the air sparging. They would also remediate any adsorbed-phase petroleum in that portion of the vadose zone within their radii of influence.

It was estimated that the system would have to operate for 84 months from startup to successfully remediate groundwater, providing no additional sources of contamination were identified.

Following approval of the CAP, the AS/SVE portion of the system was installed in 1997. The locations of the well fields and the treatment compound are shown in *Figure 1.3*. The system was placed in operation in October 1997. In March 1998, the system was extended 150 feet further south by adding four additional AS/SVE well pairs (A through D) to treat contaminated groundwater east and southeast of Building TT-2453. In April 2001, the system was extended an additional 80 feet south along Iwo Jima Boulevard and 150 feet west along Tarawa Boulevard by adding six additional AS/SVE well pairs (E through J).

Little free product was detected at the former UST area near Building TT-2478 following CAP approval and prior to system installation. For this reason, the 10 recovery wells with skimmer pumps were not installed. Instead, the SVE portion of the system in this area was initially run on a stand alone basis (i.e., without air sparging) to remove remaining free product and reduce the high concentrations of adsorbed petroleum in the vadose zone. Once operation results indicated that the adsorbed-phase petroleum had been sufficiently reduced, the air sparge portion of the system was turned on.

Revised Corrective Action Plan

CATLIN Engineers and Scientists submitted a CAP Addendum to the NCDENR titled "*Remedial Action Optimization* and *Revised Corrective Action Plan TT-2477-78*" dated February 24, 2004. The revised CAP was prepared following a thorough review of available reports and field data since the AS/SVE remedial system was placed in operation as well as a field reconnaissance and interviews with the system operators.

Reclassification of the site based on current risk factors determined that the site meets the criteria to be classified as a Low Risk and Residential Land Use site. This ranking revises the target cleanup goals for soil to Residential Maximum Soil Contaminant Concentrations (MSCCs) and groundwater to Gross Contaminant Levels (GCLs). And therefore, a Notice of Residual Petroleum is necessary for the site.

Recommendations of the Revised CAP included:

- Shutting down the current groundwater remediation system.
- Collection of two soil samples in the vicinity of monitoring wells MW-1 and MW-2 located adjacent to Building TT-2477.
- Collection of a soil sample from each of the four sides of the former tank basin at Building TT-2478.
- Post remedial system operation quarterly groundwater sample collection and analysis from both Type II and Type III monitoring wells.

The soil samples are to be analyzed for VOCs using EPA Method 8260B with IPE and MTBE, SVOCs using EPA Method 8270C plus 10 tics, MADEP-VPH and MADEP-EPH. The groundwater samples are to be analyzed for VOCs using EPA Method 602 plus xylenes, SVOCs using EPA Method 625 plus 10 highest peaks, MADEP-VPH and MADEP-EPH.

Topography

The project area is dominated by relatively flat topography gently sloping to the south and southwest toward Northeast Creek. Much of the area immediately surrounding Building TT-2478 consists of an asphalt parking lot with minor curb-island grassed areas. The nearest mapped body of surface water is Northeast Creek, located approximately 1,000 feet to the south. Surface water runoff from the site is diverted into a network of

storm drains located at the site. Storm water collected by this system of drains ultimately discharges to the New River.

Site Geology and Hydrogeology

Sediment and stratigraphy in the vicinity of the site indicate that near-surface soils within 6 to 8 feet below land surface (bls) generally consist of sandy clays to clayey fine sands with occasional fine sand or clay lenses. Below the surficial material, soils generally consist of relatively clean, fine to medium sands to a depth of approximately 50 feet.

The groundwater aquifer is classified as GA groundwaters according to the North Carolina Administrative Code (NCAC) Title 2L Subchapter 15A, Section .0201 Groundwater Classifications. There are no water supply wells in the vicinity of the site (all water supply wells in the vicinity of the site were abandoned in the 1980's). A small tributary to Northeast Creek approximately 1,000 feet to the south and a marsh area associated with Northeast Creek approximately 500 feet south of the site were identified as potential surface water receptors (*Leaking Underground Storage Tank Site Assessment Report* dated 1994). Depth to groundwater ranges from 10 to 12 feet bls in shallow Type II monitoring wells at the site. In general, the direction of groundwater flow at the site is to the south.

C. Site Investigation

In response to a request from the North Carolina DENR, Shaw Environmental, Inc. (Shaw) collected nine soil samples immediately adjacent to the fuel lines extending from the USTs to the dispenser islands at Building TT-2478 on July 13, 2005. The sample locations are illustrated on *Figure 1.4*. The samples were collected from a depth of 1.5 feet using a hand auger. Soil sample locations TT2478-001 through TT2478-004 were covered by asphalt and soil sample locations TT2478-005 through TT2478-009 were covered with concrete.

The samples were analyzed for EPA Method 8260B with IPE and MTBE, EPA Method 8270 plus 10 highest peaks, MADEP-VPH, and MADEP-EPH. The collected samples were immediately placed in a cooler with ice and sent via overnight courier to Accutest Laboratory located in Orlando, Florida. Soil sample analytical results are presented in *Appendix A*. Complete laboratory analytical reports and chain of custodies are provided in *Appendix B*.

Site soils observed during hand auger activities consisted of gravel backfill to an approximate depth of 0.5 feet bls which transitioned into a fine to medium grained silty-sand. Depth to groundwater at the site in the vicinity of the samples is approximately 10 feet bls.

During sample collection activities, soil was screened for the presence of organic vapors using a Photovac Microtip^{TM} flame ionization detector (FID) for the presence of volatile organics. In addition, the soil samples were examined for evidence of petroleum impact (i.e.: staining, odor, etc.). No staining or odor was observed in any of the soil samples, and all FID readings were non-detect (i.e., 0 ppm).

Quality Control Measures for Soil Samples

Soil samples were collected using nitrile gloves and stainless steel hand auger buckets. The auger bucket was washed before use with a water/liquinox detergent solution to ensure the soil samples were not cross contaminated with contaminants from previous sampling episodes. The collected samples were immediately placed in a cooler with ice and sent via overnight courier to Accutest Laboratory located in Orlando, Florida.

Soil Investigation Results

Laboratory analysis completed on the soil samples from the soil borings included the following analysis: MADEP-VPH, MADEP-EPH, VOCs using Method 8260B, and SVOCs using EPA Method 8270C. Analytical results are summarized below:

- *MADEP EPH Results*: Analytical results from the confirmation samples did not detect MADEP EPH compounds above NC Residential, Industrial or Soil-to-Groundwater Maximum Soil Contaminant Concentrations.

- *MADEP VPH Results*: Analytical results from the confirmation samples did not detect MADEP VPH compounds above NC Residential, Industrial or Soil-to-Groundwater Maximum Soil Contaminant Concentrations.

- *VOCs Method 8260B Results*: Analytical results from the confirmation samples did not detect VOCs above NC Residential, Industrial or Soil-to-Groundwater Maximum Soil Contaminant Concentrations.

- *SVOCs Method 8270C Results*: With the exception of sample TT-2478-004 (0.162 mg/kg, benzo(a)pyrene), analytical results from the confirmation samples

did not detect SVOCs above NC Residential, Industrial or Soil-to-Groundwater Maximum Soil Contaminant Concentrations.

CONCLUSIONS AND RECOMMENDATIONS

On July 13, 2005, Shaw collected nine soil samples immediately adjacent to the fuel lines extending from the USTs to the dispenser islands at Building TT-2478. The work was completed in response to a request from the NC DENR to collect soil samples along the fuel lines. Field screening of soil samples using an OVA-FID did not detect the presence of volatile organics at the site.

Soil sample analytical results did not detect MADEP-EPH; MADEP-VPH; or VOCs in excess of NC Residential, Industrial or Soil-to-Groundwater Maximum Soil Contaminant Concentration requirements. With the exception of soil sample TT2478-004 (0.162 mg/kg, benzo(a)pyrene) analytical results from the confirmation samples did not detect SVOCs above NC Residential, Industrial or Soil-to-Groundwater Maximum Soil Contaminant Concentrations.

Based on the results of this investigation and the very low concentrations of benzo(a)pyrene in one soil sample beneath the asphalt driveway, we recommend that No Further Investigation with respect to the fuel lines and dispensers at Building TT-2478 is required.

TABLES

TABLE B-1
Site History
UST System Information

UST ID Number	Product (gas, diesel, jet fuel, etc.)	Capacity (gallons)	Date Installed (m/dd/yy)	Date closed (P) permanently (C) still in use*	Release Associated with UST System (yes/no)
TT-2478-1	Gasoline	10,000	Unknown	(P) removed 8/95	Yes
TT-2478-2	Gasoline	10,000	Unknown	(P) removed 8/95	Yes
TT-2478-3	Gasoline	10,000	Unknown	(P) removed 8/95	Yes
TT-2478-4	Diesel	1,000	Unknown	(P) removed 8/95	Yes

* Still in use means not permanently abandoned

TABLE B-2
UST Owner/Operator Information (most recent first)

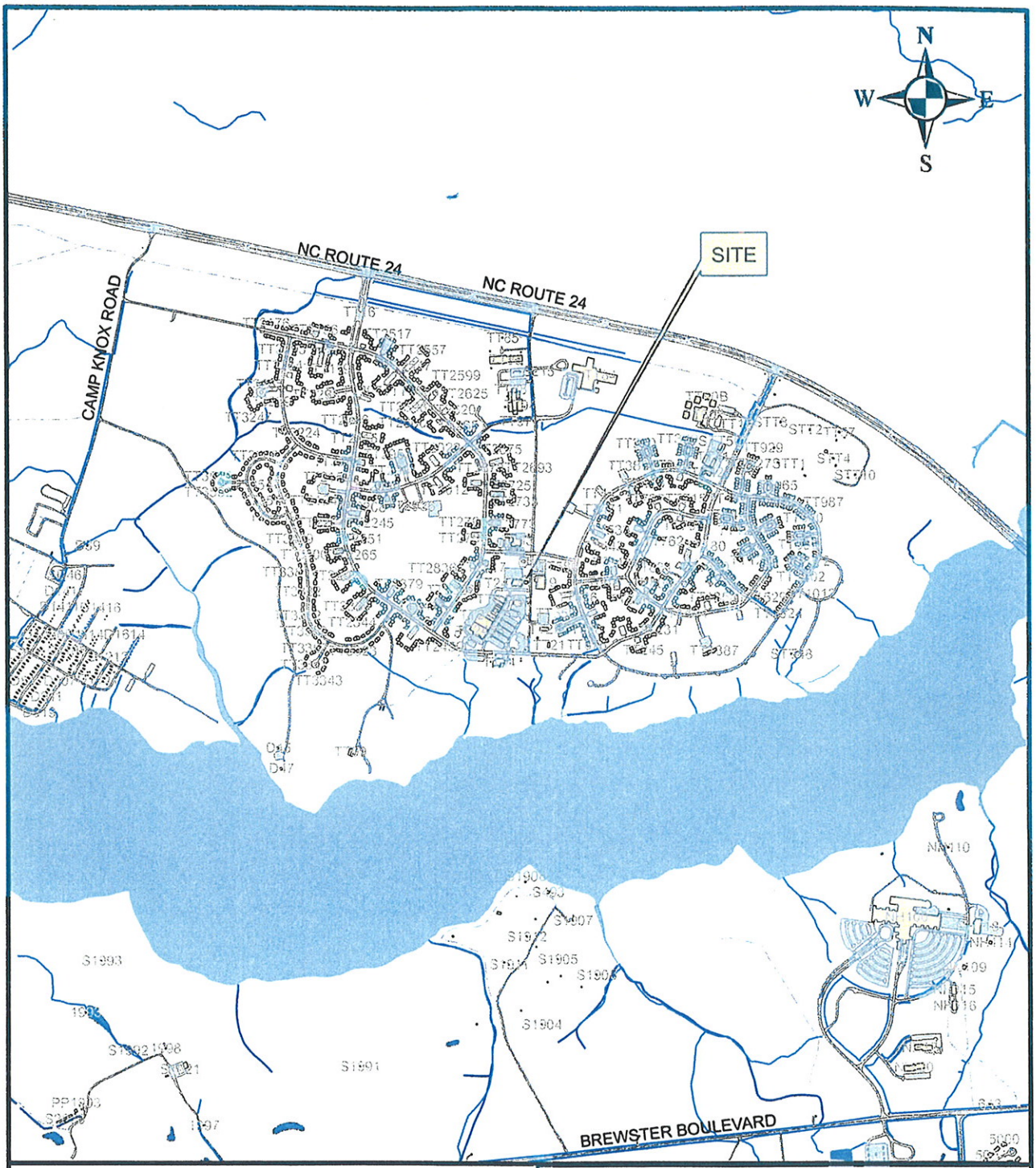
UST ID Number	Name of Owner	Dates of Ownership/Operation	Owner or Operator?
7176	Commanding General, MCB Camp Lejeune	Unknown	Owner
Address:	Installation and Environment Department		Telephone Number
	PSC Box 20004, Camp Lejeune, NC 28542 ATTN: EMD		910-451-5068

UST ID Number	Name of Operator	Dates of Ownership/Operation	Owner or Operator?
7176	Commanding General, MCB Camp Lejeune		Operator
Address:	Tarawa Terrace Building 2478		Telephone Number
	ATTN: EMD		901-451-5068

UST ID Number	Name of Owner or Operator	Dates of Ownership/Operation	Owner or Operator?
Address:			Telephone Number

UST ID Number	Name of Owner or Operator	Dates of Ownership/Operation	Owner or Operator?
N/A	N/A	N/A	N/A
Address:			Telephone Number
N/A			N/A

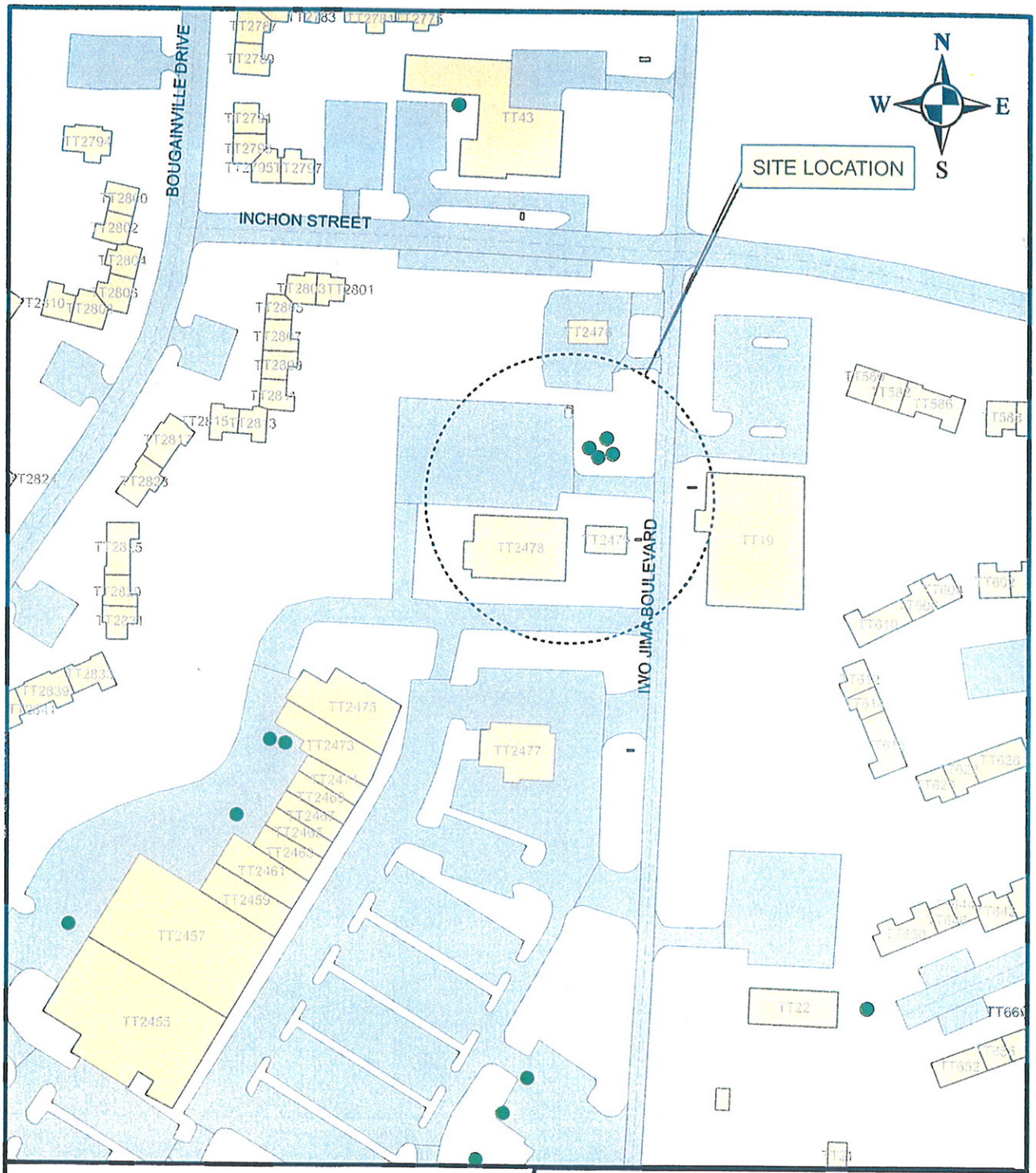
FIGURES



0 500 1,000 2,000 3,000 4,000 Feet

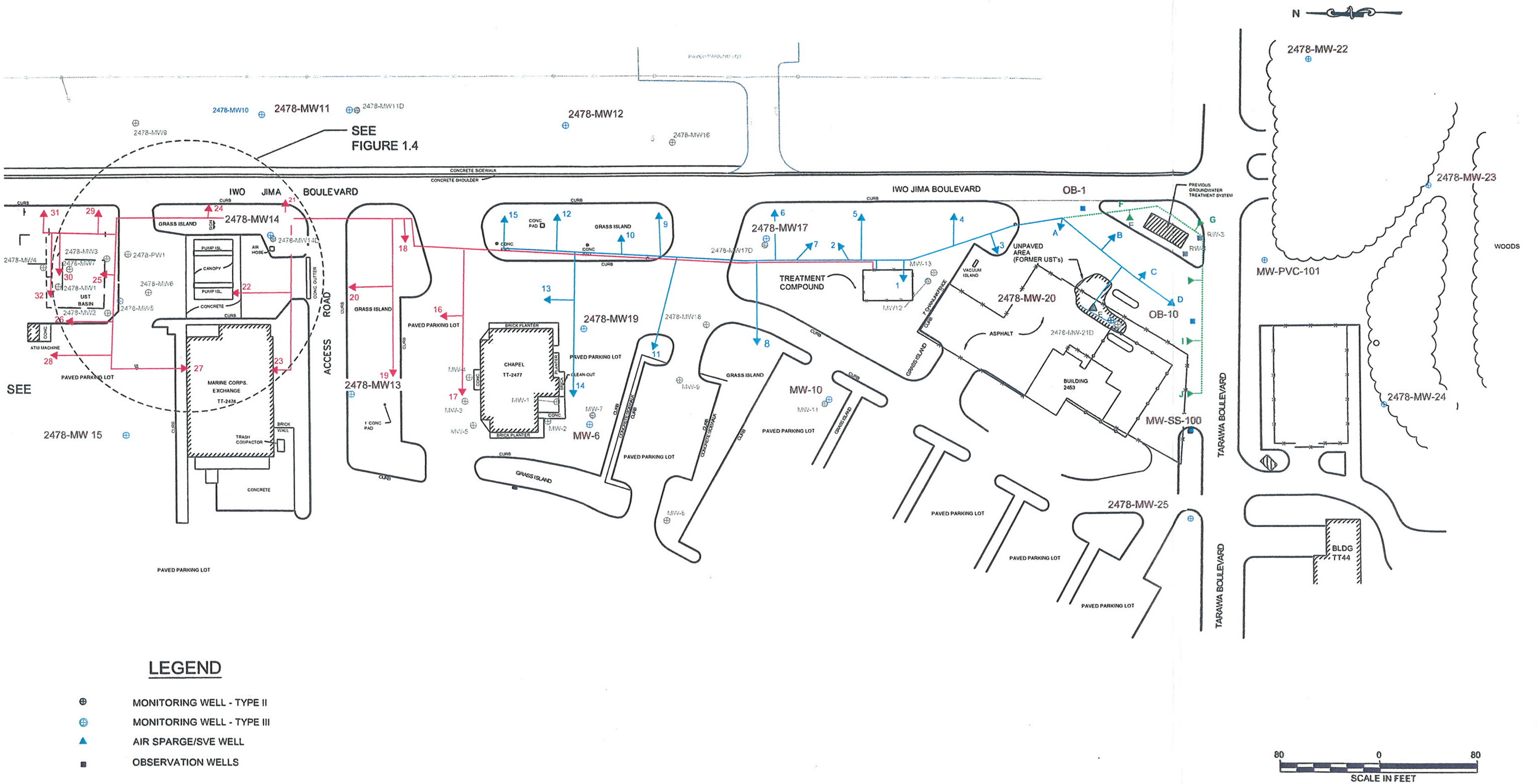
Shaw™ Shaw Environmental, Inc.

FIGURE 1.1
SITE VICINITY MAP
BUILDING 2478
CAMP LEJEUNE, NORTH CAROLINA



Shaw™ Shaw Environmental, Inc.

FIGURE 1.2
SITE LOCATION MAP
BUILDING 2478
CAMP LEJEUNE, NORTH CAROLINA



Shaw Environmental, Inc.	AT FULL SCALE (IF NOT 2"-SCALE ACCORDINGLY)	REVISIONS
SUBMITTED: PROJECT MANAGER DATE:	CADD FILE:	ZONE / REV. / DESCRIPTION / BY / DATE / APP.
APPROVED: SR. PROJECT ENGINEER DATE:	DRAWN: J. LANGE	
APPROVED: DEPT. MANAGER DATE:	DESIGNED: B. BROWN	
	CHECKED: R. KENYON	
	CHECKED:	

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND

ATLANTIC DIVISION

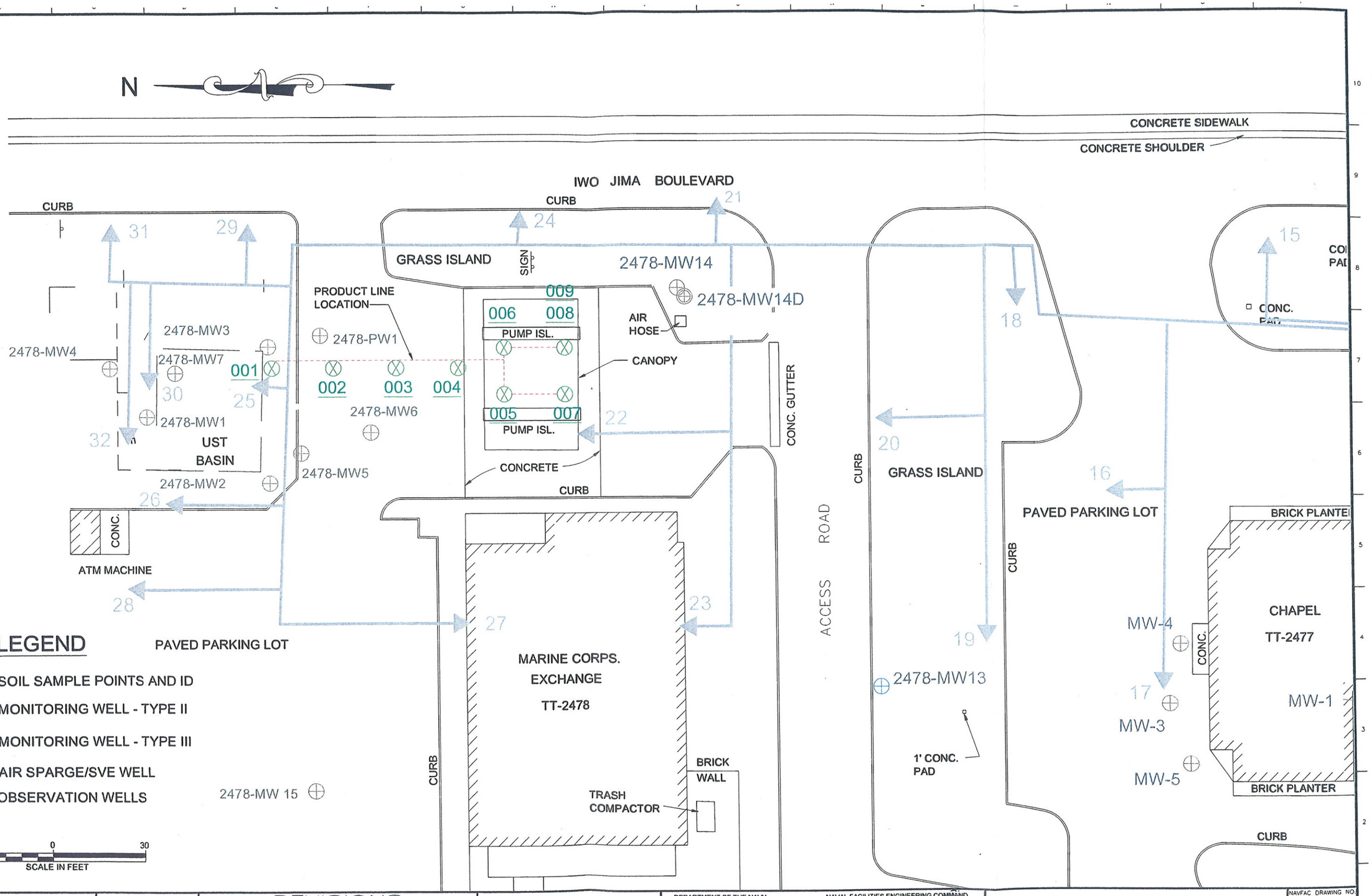
NAVAL STATION — NORFOLK, VIRGINIA

CONTRACT N62470-02-D-3260

OHM PROJECT No. 110385 — MARINE CORPS BASE, CAMP LEJEUNE, N.C.

FIGURE 1.3
SITE PLAN
TT2478 SOIL ASSESSMENT REPORT
JULY 2005
CAMP LEJEUNE, NORTH CAROLINA

NAVFAC DRAWING NO.
SHEET NUMBER: of
DATE: 8/22/05



Shaw
Shaw Environmental, Inc.

SUBMITTED: _____ PROJECT MANAGER: _____ DATE: _____
APPROVED: _____ SR. PROJECT ENGINEER _____ DATE: _____
APPROVED: _____ DEPT. MANAGER _____ DATE: _____

AT FULL SCALE (IF NOT 2"-SCALE ACCORDINGLY)
CADD FILE: _____
DRAWN: J. LANGE
DESIGNED: B. BROWN
CHECKED: R. KENYON
CHECKED: _____

REVISIONS

ZONE	REV.	DESCRIPTION	BY	DATE	APP.

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION — NORFOLK, VIRGINIA
CONTRACT N62470-02-D-3260
OHM PROJECT No. 110385 — MARINE CORPS BASE, CAMP LEJEUNE, N.C.

FIGURE 1.4
SOIL SAMPLE LOCATION MAP
TT2478 SOIL ASSESSMENT REPORT
JULY 2005
CAMP LEJEUNE, NORTH CAROLINA

NAVFAC DRAWING NO
SHEET NUMBER: of
DATE: 8/22/05

APPENDIX A

SOIL SAMPLE ANALYTICAL RESULTS

Table
UST TT 2477/78
VOC and SVOC Confirmation Soil Sample Analytical Results

Date:	8/19/2005		Incident Number and Name:	110385 UST TT 2477/78																
Analytical Method:				8260B																
Contaminant of Concern				Acetone	Benzene	Bromodichloromethane	Bromoform	Chlorobenzene	Chloroethane	Chloroform	Carbon disulfide	Carbon tetrachloride	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,2-Dichloropropane	Dibromochloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	trans-1,2-Dichloroethene
Sample ID	Date Collected	Sample Depth (ft bgs)																		
TT2478-001 Piping Run 0'	7/13/2005	1.5		<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TT2478-002 Piping Run 20'	7/13/2005	1.5		<0.04	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
TT2478-003 Piping Run 40'	7/13/2005	1.5		<0.44	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044
TT2478-004 Piping Run 60'	7/13/2005	1.5		<0.053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053
Soil to Groundwater MSCC (mg/kg)				3	0.0056	NS	NS	NS	NS	0.001	4	NS	4	0.045	0.0018	0.0029	0.002	0.35	0.0009	0.38
Residential MSCC (mg/kg)				1564	22	NS	NS	NS	NS	100	1564	NS	1560	1	7	9	7	156	4	320
Industrial/Commercial MSCC (mg/kg)				40800	200	NS	NS	NS	NS	938	40880	NS	40000	10	63	84	68	4000	33	8200

Date:	8/19/2005		Incident Number and Name:	110385 UST TT 2477/78																
Analytical Method:				8260B																
Contaminant of Concern				trans-1,3-Dichloropropene	Ethylbenzene	2-Hexanone	4-Methyl-2-pentanone	Methyl bromide	Methyl chloride	Methylene chloride	Methyl ethyl ketone	Styrene	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	Tetrachloroethene	Toluene	Trichloroethene	Vinyl chloride	Xylenes (total)
Sample ID	Date Collected	Sample Depth (ft bgs)																		
TT2478-001 Piping Run 0'	7/13/2005	1.5		<0.005	<0.005	<0.025	<0.025	<0.005	<0.005	<0.01	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.015
TT2478-002 Piping Run 20'	7/13/2005	1.5		<0.004	<0.004	<0.02	<0.02	<0.004	<0.004	<0.0079	<0.02	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.012
TT2478-003 Piping Run 40'	7/13/2005	1.5		<0.0044	<0.0044	<0.022	<0.022	<0.0044	<0.0044	<0.0088	<0.022	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.013
TT2478-004 Piping Run 60'	7/13/2005	1.5		<0.0053	<0.0053	<0.027	<0.027	<0.0053	<0.0053	<0.011	<0.027	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.016
Soil to Groundwater MSCC (mg/kg)				0.0009	0.24	1.9	NS	NS	0.02	0.02	0.7	2.24	NS	0.001	NS	0.0074	7	0.0183	NS	5
Residential MSCC (mg/kg)				4	1560	625	NS	NS	49	85	9385	3128	NS	3	NS	12	3200	58	NS	32000
Industrial/Commercial MSCC (mg/kg)				33	40000	16352	NS	NS	440	763	245280	81760	NS	28	NS	110	82000	520	NS	200000

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
List any contaminant detected above the method detection limit
MSCC = Maximum Soil Contamination Concentration
ft bgs = feet below ground surface
Results must be reported in mg/kg
mg/kg = milligrams per kilogram
NA = not applicable
NS = no standard

Table
UST TT 2477/78
VOC and SVOC Confirmation Soil Sample Analytical Results

Date: 8/19/2005			Incident Number and Name: 110385 UST TT 2477/78																
Analytical Method:			8270C																
Contaminant of Concern			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	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	Acenaphthene	Acenaphthylene
Sample ID	Date Collected	Sample Depth (ft bgs)																	
TT2478-001 Piping Run 0'	7/13/2005	1.5	<0.89	<0.18	<0.18	<0.18	<0.18	<0.89	<0.35	<0.18	<0.18	<0.18	<0.89	<0.89	<0.18	<0.18	<0.18	<0.18	<0.18
TT2478-002 Piping Run 20'	7/13/2005	1.5	<0.96	<0.19	<0.19	<0.19	<0.19	<0.96	<0.38	<0.19	<0.19	<0.19	<0.96	<0.96	<0.19	<0.19	<0.19	<0.19	<0.19
TT2478-003 Piping Run 40'	7/13/2005	1.5	<0.87	<0.17	<0.17	<0.17	<0.17	<0.87	<0.35	<0.17	<0.17	<0.17	<0.87	<0.87	<0.17	<0.17	<0.17	<0.17	<0.17
TT2478-004 Piping Run 60'	7/13/2005	1.5	<0.88	<0.18	<0.18	<0.18	<0.18	<0.88	<0.35	<0.18	<0.18	<0.18	<0.88	<0.88	<0.18	<0.18	<0.18	<0.18	<0.18
Soil to Groundwater MSCC (mg/kg)			NS	NS	NS	NS	0.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	8	11
Residential MSCC (mg/kg)			NS	NS	NS	NS	312	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	940	469
Industrial/Commercial MSCC (mg/kg)			NS	NS	NS	NS	8176	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	24000	12264

Date: 8/19/2005			Incident Number and Name: 110385 UST TT 2477/78																
Analytical Method:			8270C																
Contaminant of Concern			4-Chlorophenyl phenyl eth	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	Fluorene	Hexachlorobenzene
Sample ID	Date Collected	Sample Depth (ft bgs)																	
TT2478-001 Piping Run 0'	7/13/2005	1.5	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.35	<0.18	<0.18	<0.35	<0.35	<0.35	<0.35	<0.35	<0.18	<0.18	<0.18
TT2478-002 Piping Run 20'	7/13/2005	1.5	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.38	<0.19	<0.19	<0.38	<0.38	<0.38	<0.38	<0.38	<0.19	<0.19	<0.19
TT2478-003 Piping Run 40'	7/13/2005	1.5	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.35	<0.17	<0.17	<0.35	<0.35	<0.35	<0.35	<0.35	<0.17	<0.17	<0.17
TT2478-004 Piping Run 60'	7/13/2005	1.5	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.35	<0.18	<0.18	<0.35	<0.35	<0.35	<0.35	0.18 J	0.306	<0.18	<0.18
Soil to Groundwater MSCC (mg/kg)			NS	7	24	1	NS	NS	NS	0.17	4.7	NS	NS	NS	NS	6.87	276	44	NS
Residential MSCC (mg/kg)			NS	1400	1400	27	NS	NS	NS	0.088	62	NS	NS	NS	NS	46	620	620	NS
Industrial/Commercial MSCC (mg/kg)			NS	36000	36000	240	NS	NS	NS	0.78	1635	NS	NS	NS	NS	410	16400	16400	NS

Indicate method detection limit for contaminants when analyze
but not detected (i.e., <1.0)
List any contaminant detected above the method detection limi
MSCC = Maximum Soil Contamination Concentration
ft bgs = feet below ground surface
Results must be reported in mg/kg
mg/kg = milligrams per kilogram
NA = not applicable
NS = no standard

Table
UST TT 2477/78
VOC and SVOC Confirmation Soil Sample Analytical Results

Date: 8/19/2005			Incident Number and Name: 110385 UST TT 2477/78																
Analytical Method:			8270C																
Contaminant of Concern			Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	4-Bromophenyl phenyl e	Butyl benzyl phthalate	Benzyl alcohol	2-Chloronaphthalene	4-Chloroaniline	Carbazole	Chrysene	Bis(2-chloroethoxy)meth	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)eth
Sample ID	Date Collected	Sample Depth (ft bgs)																	
TT2478-001 Piping Run 0'	7/13/2005	1.5	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.35	<0.18	<0.18	<0.35	<0.18	<0.18	<0.18	<0.18	<0.18
TT2478-002 Piping Run 20'	7/13/2005	1.5	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.38	<0.19	<0.19	<0.38	<0.19	<0.19	<0.19	<0.19	<0.19
TT2478-003 Piping Run 40'	7/13/2005	1.5	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.35	<0.17	<0.17	<0.35	<0.17	<0.17	<0.17	<0.17	<0.17
TT2478-004 Piping Run 60'	7/13/2005	1.5	<0.18	0.103 J	0.162 J	0.196	0.141 J	0.122 J	<0.18	<0.35	<0.18	<0.18	<0.35	<0.18	0.176 J	<0.18	<0.18	<0.18
Soil to Groundwater MSCC (mg/kg)			995	0.34	0.091	1	6720	12	NS	NS	NS	NS	NS	NS	38	NS	0.0002	NS
Residential MSCC (mg/kg)			4600	0.88	0.088	0.88	469	9	NS	NS	NS	NS	NS	NS	88	NS	0.58	NS
Industrial/Commercial MSCC (mg/kg)			122000	8	0.78	8	12264	78	NS	NS	NS	NS	NS	NS	780	NS	5.2	NS

Date: 8/19/2005			Incident Number and Name: 110385 UST TT 2477/78																
Analytical Method:			8270C																
Contaminant of Concern			Hexachlorobutadiene	Hexachlorocyclopentadien	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
Sample ID	Date Collected	Sample Depth (ft bgs)																	
TT2478-001 Piping Run 0'	7/13/2005	1.5	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.35	<0.35	<0.35	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
TT2478-002 Piping Run 20'	7/13/2005	1.5	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.38	<0.38	<0.38	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
TT2478-003 Piping Run 40'	7/13/2005	1.5	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.35	<0.35	<0.35	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
TT2478-004 Piping Run 60'	7/13/2005	1.5	<0.18	<0.18	<0.18	0.149 J	<0.18	<0.18	<0.35	<0.35	<0.35	<0.18	<0.18	<0.18	<0.18	0.133 J	0.24	<0.18
Soil to Groundwater MSCC (mg/kg)			0.26	NS	NS	3	NS	3	NS	NS	NS	0.58	NS	NS	NS	60	286	2.6
Residential MSCC (mg/kg)			3.1	NS	NS	0.88	NS	63	NS	NS	NS	63	NS	NS	NS	469	469	156
Industrial/Commercial MSCC (mg/kg)			73	NS	NS	8	NS	1635	NS	NS	NS	1635	NS	NS	NS	12264	12264	4088

Indicate method detection limit for contaminants when analyze
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List any contaminant detected above the method detection limi
MSCC = Maximum Soil Contamination Concentration
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mg/kg = milligrams per kilogram
NA = not applicable
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Table
UST TT 2477/78
VOC and SVOC Confirmation Soil Sample Analytical Results

Date: 8/19/2005			Incident Number and Name: 110385 UST TT 2477/78																
Analytical Method:			8260B																
Contaminant of Concern			Acetone	Benzene	Bromodichloromethane	Bromoform	Chlorobenzene	Chloroethane	Chloroform	Carbon disulfide	Carbon tetrachloride	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,2-Dichloropropane	Dibromochloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	trans-1,2-Dichloroethene
Sample ID	Date Collected	Sample Depth (ft bgs)																	
TT2478-005 NW Pump	7/13/2005	1.5	<0.044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044
TT2478-006 NE Pump	7/13/2005	1.5	<0.045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045
TT2478-007 SW Pump	7/13/2005	1.5	<0.037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037
TT2478-008 SE Pump	7/13/2005	1.5	<0.047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
Soil to Groundwater MSCC (mg/kg)			3	0.0056	NS	NS	NS	NS	0.001	4	NS	4	0.045	0.0018	0.0029	0.002	0.35	0.0009	0.38
Residential MSCC (mg/kg)			1564	22	NS	NS	NS	NS	100	1564	NS	1560	1	7	9	7	156	4	320
Industrial/Commercial MSCC (mg/kg)			40800	200	NS	NS	NS	NS	938	40880	NS	40000	10	63	84	68	4000	33	8200

Date: 8/19/2005			Incident Number and Name: 110385 UST TT 2477/78																
Analytical Method:			8260B																
Contaminant of Concern			trans-1,3-Dichloropropene	Ethylbenzene	2-Hexanone	4-Methyl-2-pentanone	Methyl bromide	Methyl chloride	Methylene chloride	Methyl ethyl ketone	Styrene	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	Tetrachloroethene	Toluene	Trichloroethene	Vinyl chloride	Xylenes (total)
Sample ID	Date Collected	Sample Depth (ft bgs)																	
TT2478-005 NW Pump	7/13/2005	1.5	<0.0044	<0.0044	<0.022	<0.022	<0.0044	<0.0044	<0.0088	<0.022	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.013
TT2478-006 NE Pump	7/13/2005	1.5	<0.0045	<0.0045	<0.022	<0.022	<0.0045	<0.0045	<0.0089	<0.022	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.013
TT2478-007 SW Pump	7/13/2005	1.5	<0.0037	<0.0037	<0.018	<0.018	<0.0037	<0.0037	<0.0074	<0.018	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.011
TT2478-008 SE Pump	7/13/2005	1.5	<0.0047	<0.0047	<0.024	<0.024	<0.0047	<0.0047	0.0098	<0.024	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.014
Soil to Groundwater MSCC (mg/kg)			0.0009	0.24	1.9	NS	NS	0.02	0.02	0.7	2.24	NS	0.001	NS	0.0074	7	0.0183	NS	5
Residential MSCC (mg/kg)			4	1560	625	NS	NS	49	85	9385	3128	NS	3	NS	12	3200	58	NS	32000
Industrial/Commercial MSCC (mg/kg)			33	40000	16352	NS	NS	440	763	245280	81760	NS	28	NS	110	82000	520	NS	200000

Indicate method detection limit for contaminants when analyzed but not detected (i.e., <1.0)
List any contaminant detected above the method detection limit
MSCC = Maximum Soil Contamination Concentration
ft bgs = feet below ground surface
Results must be reported in mg/kg
mg/kg = milligrams per kilogram
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Table
UST TT 2477/78
VOC and SVOC Confirmation Soil Sample Analytical Results

Date:	8/19/2005		Incident Number and Name:	110385 UST TT 2477/78																	
Analytical Method:				8270C																	
Contaminant of Concern				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	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	Acenaphthene	Acenaphthylene
Sample ID	Date Collected	Sample Depth (ft bgs)																			
TT2478-005 NW Pump	7/13/2005	1.5		<0.84	<0.17	<0.17	<0.17	<0.17	<0.84	<0.33	<0.17	<0.17	<0.17	<0.84	<0.84	<0.17	<0.17	<0.17	<0.17	<0.17	
TT2478-006 NE Pump	7/13/2005	1.5		<0.82	<0.16	<0.16	<0.16	<0.16	<0.82	<0.33	<0.16	<0.16	<0.16	<0.82	<0.82	<0.16	<0.16	<0.16	<0.16	<0.16	
TT2478-007 SW Pump	7/13/2005	1.5		<0.84	<0.17	<0.17	<0.17	<0.17	<0.84	<0.34	<0.17	<0.17	<0.17	<0.84	<0.84	<0.17	<0.17	<0.17	<0.17	<0.17	
TT2478-008 SE Pump	7/13/2005	1.5		<0.84	<0.17	<0.17	<0.17	<0.17	<0.84	<0.34	<0.17	<0.17	<0.17	<0.84	<0.84	<0.17	<0.17	<0.17	<0.17	<0.17	
Soil to Groundwater MSCC (mg/kg)				NS	NS	NS	NS	0.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	8	11	
Residential MSCC (mg/kg)				NS	NS	NS	NS	312	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	940	469	
Industrial/Commercial MSCC (mg/kg)				NS	NS	NS	NS	8176	NS	NS	NS	NS	NS.	NS	NS	NS	NS	NS	24000	12264	

Date:	8/19/2005		Incident Number and Name:	110385 UST TT 2477/78																	
Analytical Method:				8270C																	
Contaminant of Concern				4-Chlorophenyl phenyl eth	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	Fluorene	Hexachlorobenzene	
Sample ID	Date Collected	Sample Depth (ft bgs)																			
TT2478-005 NW Pump	7/13/2005	1.5		<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.33	<0.17	<0.17	<0.33	<0.33	<0.33	<0.33	<0.33	<0.17	<0.17	<0.17	
TT2478-006 NE Pump	7/13/2005	1.5		<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.33	<0.16	<0.16	<0.33	<0.33	<0.33	<0.33	<0.33	<0.16	<0.16	<0.16	
TT2478-007 SW Pump	7/13/2005	1.5		<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.34	<0.34	<0.34	<0.34	<0.34	<0.17	<0.17	<0.17	
TT2478-008 SE Pump	7/13/2005	1.5		<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.34	<0.34	<0.34	<0.34	<0.34	<0.17	<0.17	<0.17	
Soil to Groundwater MSCC (mg/kg)				NS	7	24	1	NS	NS	NS	0.17	4.7	NS	NS	NS	NS	6.67	276	44	NS	
Residential MSCC (mg/kg)				NS	1400	1400	27	NS	NS	NS	0.088	62	NS	NS	NS	NS	46	620	620	NS	
Industrial/Commercial MSCC (mg/kg)				NS	36000	36000	240	NS	NS	NS	0.78	1635	NS	NS	NS	NS	410	16400	16400	NS	

Indicate method detection limit for contaminants when analyze
but not detected (i.e., <1.0)
List any contaminant detected above the method detection limi
MSCC = Maximum Soil Contamination Concentration
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Table
UST TT 2477/78
VOC and SVOC Confirmation Soil Sample Analytical Results

Date: 8/19/2005			Incident Number and Name: 110385 UST TT 2477/78															
Analytical Method:			8270C															
Contaminant of Concern			Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	4-Bromophenyl phenyl e	Butyl benzyl phthalate	Benzyl alcohol	2-Chloronaphthalene	4-Chloroaniline	Carbazole	Chrysene	Bis(2-chloroethoxy)meth	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)eth
Sample ID	Date Collected	Sample Depth (ft bgs)																
TT2478-005 NW Pump	7/13/2005	1.5	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.33	<0.17	<0.17	<0.33	<0.17	<0.17	<0.17	<0.17	<0.17
TT2478-006 NE Pump	7/13/2005	1.5	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.33	<0.16	<0.16	<0.33	<0.16	<0.16	<0.16	<0.16	<0.16
TT2478-007 SW Pump	7/13/2005	1.5	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.34	<0.17	<0.17	<0.17	<0.17	<0.17
TT2478-008 SE Pump	7/13/2005	1.5	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.34	<0.17	<0.17	<0.17	<0.17	<0.17
Soil to Groundwater MSCC (mg/kg)			995	0.34	0.091	1	6720	12	NS	NS	NS	NS	NS	NS	38	NS	0.0002	NS
Residential MSCC (mg/kg)			4600	0.88	0.088	0.88	469	9	NS	NS	NS	NS	NS	NS	88	NS	0.58	NS
Industrial/Commercial MSCC (mg/kg)			122000	8	0.78	8	12264	78	NS	NS	NS	NS	NS	NS	780	NS	5.2	NS

Date: 8/19/2005			Incident Number and Name: 110385 UST TT 2477/78															
Analytical Method:			8270C															
Contaminant of Concern			Hexachlorobutadiene	Hexachlorocyclopentadien	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
Sample ID	Date Collected	Sample Depth (ft bgs)																
TT2478-005 NW Pump	7/13/2005	1.5	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.33	<0.33	<0.33	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
TT2478-006 NE Pump	7/13/2005	1.5	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.33	<0.33	<0.33	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
TT2478-007 SW Pump	7/13/2005	1.5	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.34	<0.34	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
TT2478-008 SE Pump	7/13/2005	1.5	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.34	<0.34	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
Soil to Groundwater MSCC (mg/kg)			0.26	NS	NS	3	NS	3	NS	NS	NS	0.58	NS	NS	NS	60	286	2.6
Residential MSCC (mg/kg)			3.1	NS	NS	0.88	NS	63	NS	NS	NS	63	NS	NS	NS	469	469	156
Industrial/Commercial MSCC (mg/kg)			73	NS	NS	8	NS	1635	NS	NS	NS	1635	NS	NS	NS	12264	12264	4088

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MSCC = Maximum Soil Contamination Concentration
ft bgs = feet below ground surface
Results must be reported in mg/kg
mg/kg = milligrams per kilogram
NA = not applicable
NS = no standard

TABLE 3.1

Tarawa Terrace Building 2478
MADEP-EPH/VPH Summary Soil Sample Analytical Results

Sample Information and Analytical Results Tarawa Terrace Building 2478									
Method for Ranges: MADEP-EPH/VPH		Sample Identification			TT2478-001	TT2478-002	TT2478-003	TT2478-004	TT2478-005
Hydrocarbon Ranges	Units of Measure	Residential	Industrial	Soil to Water					
C9-C18 Aliphatics	mg/kg	9,386	245,280	3,255	<7.0	<7.7	<7.1	<7.0	<6.5
C19-C36 Aliphatics	mg/kg	93,860	#	#	<10	<12	<7.1	12.3	<6.5
C9-C22 Aromatics (Unadj.)	mg/kg	469	12,264	34	<7.0	<7.7	<7.1	7.32	<6.5
C5-C8 Aliphatics	mg/kg	939	24,528	72	<3.0	<4.4	<4.1	<4.4	<3.7

= Health Based Level >100% Solubility

Sample Information and Analytical Results Tarawa Terrace Building 2478									
Method for Ranges: MADEP-EPH/VPH		Sample Identification			TT2478-006	TT2478-007	TT2478-008	TT2478-009	
Hydrocarbon Ranges	Units of Measure	Residential	Industrial	Soil to Water					
C9-C18 Aliphatics	mg/kg	9,386	245,280	3,255	<6.7	<6.7	<6.7	<6.8	
C19-C36 Aliphatics	mg/kg	93,860	#	#	<6.7	<6.7	<6.7	<6.8	
C9-C22 Aromatics (Unadj.)	mg/kg	469	12,264	34	<6.7	<6.7	1.35	<6.8	
C5-C8 Aliphatics	mg/kg	939	24,528	72	<2.7	<4.0	<4.0	<3.5	

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1
EPH Surrogate Standards
Aliphatic: 1-Chlorooctadecane
Aromatic: o-Terphenyl
EPH Fractionation Surrogates
#1: 2-Fluorobiphenyl
#2: 2-Bromonaphthalene

Sample Identification					TT2478-001			
Date Collected					07/13/2005			
Date Received					07/14/2005			
Date Extracted					07/19/2005			
Date Analyzed					07/30/2005			
% Dry Solids					94			
Dilution Factor					1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/kg	7000	7000	ND	ND			
C19-C36 Aliphatics	ug/kg	10000	10000	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/kg	7000	7000	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				60	63			
Aromatic Surrogate % Recovery				81	85			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				81	97			
Fractionation Surrogate #2 % Recovery				79	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: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

Sample Identification					TT2478-001			
Collection Option (for soil)*					1			
Date Collected					07/13/2005			
Date Received					07/14/2005			
Date Extracted					07/14/2005			
Date Analyzed					07/28/2005			
% Dry Solids					94			
Dilution Factor					1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/kg**	1600	3000	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/kg**	1200	2200	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/kg**	410	810	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	91			
Aromatic Surrogate % Recovery - PID				95	87			

* 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: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			TT2478-002			
EPH Surrogate Standards		**Date Collected**			07/13/2005			
Aliphatic: 1-Chlorooctadecane		**Date Received**			07/14/2005			
Aromatic: o-Terphenyl		**Date Extracted**			07/19/2005			
EPH Fractionation Surrogates		**Date Analyzed**			07/30/2005			
#1: 2-Fluorobiphenyl		**% Dry Solids**			85.9			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/kg	7700	7700	ND	ND			
C19-C36 Aliphatics	ug/kg	12000	12000	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/kg	7700	7700	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				60	63			
Aromatic Surrogate % Recovery				81	86			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				81	96			
Fractionation Surrogate #2 % Recovery				79	93			

* 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: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

Sample Identification					TT2478-002			
Collection Option (for soil)*					1			
Date Collected					07/13/2005			
Date Received					07/14/2005			
Date Extracted					07/14/2005			
Date Analyzed					07/28/2005			
% Dry Solids					85.9			
Dilution Factor					1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/kg**	2300	4400	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/kg**	1700	3200	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/kg**	580	1200	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	84			
Aromatic Surrogate % Recovery - PID				95	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: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			TT2478-003			
EPH Surrogate Standards		**Date Collected**			07/13/2005			
Aliphatic: 1-Chlorooctadecane		**Date Received**			07/14/2005			
Aromatic: o-Terphenyl		**Date Extracted**			07/19/2005			
EPH Fractionation Surrogates		**Date Analyzed**			07/31/2005			
#1: 2-Fluorobiphenyl		**% Dry Solids**			93.7			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/kg	7100	7100	ND	ND			
C19-C36 Aliphatics	ug/kg	7100	7100	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/kg	7100	7100	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				60	73			
Aromatic Surrogate % Recovery				81	86			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				81	97			
Fractionation Surrogate #2 % Recovery				79	94			

* 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: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

Sample Identification					TT2478-003			
Collection Option (for soil)*					1			
Date Collected					07/13/2005			
Date Received					07/14/2005			
Date Extracted					07/14/2005			
Date Analyzed					07/29/2005			
% Dry Solids					93.7			
Dilution Factor					1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/kg**	2200	4100	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/kg**	1700	3000	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/kg**	550	1100	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	93			
Aromatic Surrogate % Recovery - PID				95	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: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1
EPH Surrogate Standards
Aliphatic: 1-Chlorooctadecane
Aromatic: o-Terphenyl
EPH Fractionation Surrogates
#1: 2-Fluorobiphenyl
#2: 2-Bromonaphthalene

Sample Identification					TT2478-004			
Date Collected					07/13/2005			
Date Received					07/14/2005			
Date Extracted					07/19/2005			
Date Analyzed					07/31/2005			
% Dry Solids					93.9			
Dilution Factor					1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/kg	7000	7000	ND	ND			
C19-C36 Aliphatics	ug/kg	7000	7000	ND	12300			
C11-C22 Aromatics (Unadj.)	ug/kg	7000	7000	ND	7320			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				60	44			
Aromatic Surrogate % Recovery				81	67			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				81	88			
Fractionation Surrogate #2 % Recovery				79	90			

* 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: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			TT2478-004			
		Collection Option (for soil)*			1			
		Date Collected			07/13/2005			
		Date Received			07/14/2005			
		Date Extracted			07/14/2005			
		Date Analyzed			07/28/2005			
		% Dry Solids			93.9			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/kg**	2300	4400	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/kg**	1700	3200	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/kg**	580	1200	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	87			
Aromatic Surrogate % Recovery - PID				95	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: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			TT2478-005			
EPH Surrogate Standards		**Date Collected**			07/13/2005			
Aliphatic: 1-Chlorooctadecane		**Date Received**			07/14/2005			
Aromatic: o-Terphenyl		**Date Extracted**			07/19/2005			
EPH Fractionation Surrogates		**Date Analyzed**			07/31/2005			
#1: 2-Fluorobiphenyl		**% Dry Solids**			99.4			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/kg	6500	6500	ND	ND			
C19-C36 Aliphatics	ug/kg	6500	6500	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/kg	6500	6500	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				60	48			
Aromatic Surrogate % Recovery				81	88			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				81	93			
Fractionation Surrogate #2 % Recovery				79	94			

* 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: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: **MADEP VPH**

VPH Surrogate Standards
Aliphatic: **BFB**
Aromatic: **BFB**

		Sample Identification			TT2478-005			
		Collection Option (for soil)*			1			
		Date Collected			07/13/2005			
		Date Received			07/14/2005			
		Date Extracted			07/14/2005			
		Date Analyzed			07/28/2005			
		% Dry Solids			99.4			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/kg**	2000	3700	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/kg**	1500	2700	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/kg**	500	990	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	97			
Aromatic Surrogate % Recovery - PID				95	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: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			TT2478-006			
EPH Surrogate Standards		**Date Collected**			07/13/2005			
Aliphatic: 1-Chlorooctadecane		**Date Received**			07/14/2005			
Aromatic: o-Terphenyl		**Date Extracted**			07/19/2005			
EPH Fractionation Surrogates		**Date Analyzed**			07/31/2005			
#1: 2-Fluorobiphenyl		**% Dry Solids**			99.3			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/kg	6700	6700	ND	ND			
C19-C36 Aliphatics	ug/kg	6700	6700	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/kg	6700	6700	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				60	71			
Aromatic Surrogate % Recovery				81	85			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				81	98			
Fractionation Surrogate #2 % Recovery				79	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: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

Sample Identification					TT2478-006			
Collection Option (for soil)*					1			
Date Collected					07/13/2005			
Date Received					07/14/2005			
Date Extracted					07/14/2005			
Date Analyzed					07/28/2005			
% Dry Solids					99.3			
Dilution Factor					1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/kg**	1400	2700	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/kg**	1100	2000	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/kg**	360	720	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	96			
Aromatic Surrogate % Recovery - PID				95	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: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			TT2478-007			
EPH Surrogate Standards		**Date Collected**			07/13/2005			
Aliphatic: 1-Chlorooctadecane		**Date Received**			07/14/2005			
Aromatic: o-Terphenyl		**Date Extracted**			07/19/2005			
EPH Fractionation Surrogates		**Date Analyzed**			07/31/2005			
#1: 2-Fluorobiphenyl		**% Dry Solids**			98.9			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/kg	6700	6700	ND	ND			
C19-C36 Aliphatics	ug/kg	6700	6700	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/kg	6700	6700	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				60	74			
Aromatic Surrogate % Recovery				81	77			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				81	82			
Fractionation Surrogate #2 % Recovery				79	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: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

		Sample Identification			TT2478-007			
		Collection Option (for soil)*			1			
		Date Collected			07/13/2005			
		Date Received			07/14/2005			
		Date Extracted			07/14/2005			
		Date Analyzed			07/28/2005			
		% Dry Solids			98.9			
		Dilution Factor			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/kg**	2100	4000	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/kg**	1600	2900	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/kg**	530	1100	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	99			
Aromatic Surrogate % Recovery - PID				95	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: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			TT2478-008			
EPH Surrogate Standards		**Date Collected**			07/13/2005			
Aliphatic: 1-Chlorooctadecane		**Date Received**			07/14/2005			
Aromatic: o-Terphenyl		**Date Extracted**			07/19/2005			
EPH Fractionation Surrogates		**Date Analyzed**			07/31/2005			
#1: 2-Fluorobiphenyl		**% Dry Solids**			98.9			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/kg	6700	6700	ND	ND			
C19-C36 Aliphatics	ug/kg	6700	6700	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/kg	6700	6700	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				60	79			
Aromatic Surrogate % Recovery				81	89			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				81	71			
Fractionation Surrogate #2 % Recovery				79	44			

* 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: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

Sample Identification					TT2478-008			
Collection Option (for soil)*					1			
Date Collected					07/13/2005			
Date Received					07/14/2005			
Date Extracted					07/14/2005			
Date Analyzed					07/28/2005			
% Dry Solids					98.9			
Dilution Factor					1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/kg**	2100	4000	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/kg**	1600	2900	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/kg**	530	1100	ND	1350			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	100			
Aromatic Surrogate % Recovery - PID				95	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: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab):
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: MADEP-EPH-98-1		**Sample Identification**			TT2478-009			
EPH Surrogate Standards		**Date Collected**			07/13/2005			
Aliphatic: 1-Chlorooctadecane		**Date Received**			07/14/2005			
Aromatic: o-Terphenyl		**Date Extracted**			07/19/2005			
EPH Fractionation Surrogates		**Date Analyzed**			07/31/2005			
#1: 2-Fluorobiphenyl		**% Dry Solids**			98.4			
#2: 2-Bromonaphthalene		**Dilution Factor**			1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C9-C18 Aliphatics	ug/kg	6800	6800	ND	ND			
C19-C36 Aliphatics	ug/kg	6800	6800	ND	ND			
C11-C22 Aromatics (Unadj.)	ug/kg	6800	6800	ND	ND			
Sample Surrogate Acceptance Range				**40-140**	**40-140**			
Aliphatic Surrogate % Recovery				60	70			
Aromatic Surrogate % Recovery				81	87			
Fractionation Surrogate Acceptance Range								
Fractionation Surrogate #1 % Recovery				81	91			
Fractionation Surrogate #2 % Recovery				79	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: Field Support Service Inc
Project Name: Camp Lejeune-UST TT 2477/78
Site Location: _____

Laboratory Name: Accutest Southeast
NC Certification # (Lab): 573
Sample Matrix : Soil

Sample Information and Analytical Results

Method for Ranges: MADEP VPH

VPH Surrogate Standards
Aliphatic: BFB
Aromatic: BFB

Sample Identification					TT2478-009			
Collection Option (for soil)*					1			
Date Collected					07/13/2005			
Date Received					07/14/2005			
Date Extracted					07/14/2005			
Date Analyzed					07/28/2005			
% Dry Solids					98.4			
Dilution Factor					1			
Hydrocarbon Ranges	**Units of Measure**	**MDL**	**RL**	**BLANK**				
C5- C8 Aliphatics (Unadj.)	**ug/kg**	1800	3500	ND	ND			
C9- C12 Aliphatics (Unadj.)	**ug/kg**	1400	2500	ND	ND			
C9- C10 Aromatics (Unadj.)	**ug/kg**	460	920	ND	ND			
Sample Surrogate Acceptance Range				**70-130%**	**70-130%**			
Aliphatic Surrogate % Recovery - FID				100	100			
Aromatic Surrogate % Recovery - PID				95	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**

APPENDIX B

SOIL SAMPLE LABORATORY ANALYTICAL REPORTS

Southeast
ACCUTEST.
Laboratories

08/01/05

Technical Report for

Field Support Service Inc

Camp Lejeune-UST TT 2477/78

110385

Accutest Job Number: F33193

Sampling Date: 07/13/05

Report to:

Shaw E & I, Inc.

natasha.sullivan@shawgrp.com

ATTN: Natasha Sullivan

Total number of pages in report: 106

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

Table of Contents

Sections: 1 2 3 4 5 6 7

Sample Summary

Field Support Service Inc

Job No: F33193

Camp Lejeune-UST TT 2477/78
Project No: 110385

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
F33193-1	07/13/05	11:00	MM	07/14/05	SO	Soil	TT2478-001
F33193-2	07/13/05	11:30	MM	07/14/05	SO	Soil	TT2478-002
F33193-3	07/13/05	12:00	MM	07/14/05	SO	Soil	TT2478-003
F33193-4	07/13/05	13:00	MM	07/14/05	SO	Soil	TT2478-004
F33193-5	07/13/05	13:30	MM	07/14/05	SO	Soil	TT2478-005
F33193-6	07/13/05	14:00	MM	07/14/05	SO	Soil	TT2478-006
F33193-7	07/13/05	16:30	MM	07/14/05	SO	Soil	TT2478-007
F33193-8	07/13/05	16:00	MM	07/14/05	SO	Soil	TT2478-008
F33193-9	07/13/05	16:00	MM	07/14/05	SO	Soil	TT2478-009
F33193-10	07/13/05	00:00	MM	07/14/05	AQ	Trip Blank Soil	TT2478-010

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Accutest Laboratories

Report of Analysis

Client Sample ID:	TT2478-001		
Lab Sample ID:	F33193-1	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	94.0
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	H031839.D	1	07/26/05	NAF	n/a	n/a	VH1202
Run #2							

	Initial Weight
Run #1	5.34 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	25	ug/kg	
71-43-2	Benzene	ND	5.0	2.0	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	2.0	ug/kg	
75-25-2	Bromoform	ND	5.0	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
67-66-3	Chloroform	ND	5.0	2.0	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	2.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	3.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	2.0	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	2.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	2.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	2.0	ug/kg	
591-78-6	2-Hexanone	ND	25	10	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	25	10	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.0	ug/kg	
74-87-3	Methyl chloride	ND	5.0	2.0	ug/kg	
75-09-2	Methylene chloride	ND	10	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	25	10	ug/kg	
100-42-5	Styrene	ND	5.0	2.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	2.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	2.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	2.0	ug/kg	
108-88-3	Toluene	ND	5.0	2.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-001		
Lab Sample ID:	F33193-1	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	94.0
Project:	Camp Lejeune-UST TT 2477/78		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	5.0	2.5	ug/kg	
1330-20-7	Xylene (total)	ND	15	4.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		78-123%
2037-26-5	Toluene-D8	91%		71-137%
460-00-4	4-Bromofluorobenzene	100%		61-157%
17060-07-0	1,2-Dichloroethane-D4	100%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-001		
Lab Sample ID:	F33193-1	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	94.0
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L026941.D	1	07/20/05	ME	07/19/05	OP13876	SL1417
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	890	350	ug/kg	
95-57-8	2-Chlorophenol	ND	180	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	35	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	890	350	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	350	71	ug/kg	
95-48-7	2-Methylphenol	ND	180	35	ug/kg	
	3&4-Methylphenol	ND	180	35	ug/kg	
88-75-5	2-Nitrophenol	ND	180	35	ug/kg	
100-02-7	4-Nitrophenol	ND	890	350	ug/kg	
87-86-5	Pentachlorophenol	ND	890	350	ug/kg	
108-95-2	Phenol	ND	180	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	35	ug/kg	
83-32-9	Acenaphthene	ND	180	35	ug/kg	
208-96-8	Acenaphthylene	ND	180	35	ug/kg	
120-12-7	Anthracene	ND	180	35	ug/kg	
56-55-3	Benzo(a)anthracene	ND	180	35	ug/kg	
50-32-8	Benzo(a)pyrene	ND	180	35	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	180	35	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	180	71	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	180	35	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	180	35	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	350	89	ug/kg	
100-51-6	Benzyl Alcohol	ND	180	35	ug/kg	
91-58-7	2-Chloronaphthalene	ND	180	35	ug/kg	
106-47-8	4-Chloroaniline	ND	350	140	ug/kg	
86-74-8	Carbazole	ND	180	35	ug/kg	
218-01-9	Chrysene	ND	180	35	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	180	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	180	71	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-001		
Lab Sample ID:	F33193-1	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	94.0
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	180	35	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	180	35	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	180	35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	180	35	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	180	71	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	180	71	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	350	180	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	180	71	ug/kg	
132-64-9	Dibenzofuran	ND	180	35	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	350	89	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	350	180	ug/kg	
84-66-2	Diethyl phthalate	ND	350	89	ug/kg	
131-11-3	Dimethyl phthalate	ND	350	89	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	350	180	ug/kg	
206-44-0	Fluoranthene	ND	180	35	ug/kg	
86-73-7	Fluorene	ND	180	35	ug/kg	
118-74-1	Hexachlorobenzene	ND	180	35	ug/kg	
87-68-3	Hexachlorobutadiene	ND	180	71	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	180	71	ug/kg	
67-72-1	Hexachloroethane	ND	180	71	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	71	ug/kg	
78-59-1	Isophorone	ND	180	35	ug/kg	
91-57-6	2-Methylnaphthalene	ND	180	35	ug/kg	
88-74-4	2-Nitroaniline	ND	350	89	ug/kg	
99-09-2	3-Nitroaniline	ND	350	89	ug/kg	
100-01-6	4-Nitroaniline	ND	350	120	ug/kg	
91-20-3	Naphthalene	ND	180	35	ug/kg	
98-95-3	Nitrobenzene	ND	180	35	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	180	71	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	35	ug/kg	
85-01-8	Phenanthrene	ND	180	35	ug/kg	
129-00-0	Pyrene	ND	180	71	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	180	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		45-114%
4165-62-2	Phenol-d5	77%		44-124%
118-79-6	2,4,6-Tribromophenol	82%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	TT2478-001		
Lab Sample ID:	F33193-1	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	94.0
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		41-123%
321-60-8	2-Fluorobiphenyl	75%		46-122%
1718-51-0	Terphenyl-d14	78%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-001		
Lab Sample ID:	F33193-1	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP VPH	Percent Solids:	94.0
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	UV017424.D	1	07/28/05	RAW	n/a	n/a	GUV1034
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.68 g	5.1 ml	100 ul
Run #2			

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	3000	1600	ug/kg	
	C9- C12 Aliphatics (Unadj.)	ND	2200	1200	ug/kg	
	C9- C10 Aromatics (Unadj.)	ND	810	410	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	87%		70-130%
460-00-4	BFB	91%		70-130%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-001		
Lab Sample ID:	F33193-1	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP-EPH-98-1 SW846 3550B	Percent Solids:	94.0
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF17727.D	1	07/30/05	SM	07/19/05	OP13871	GZF835
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	7000	7000	ug/kg	
	C9-C18 Aliphatics	ND	7000	7000	ug/kg	
	C19-C36 Aliphatics	ND	10000	10000	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	63%		40-140%
580-13-2	2-Bromonaphthalene	95%		40-140%
84-15-1	o-Terphenyl	85%		40-140%
321-60-8	2-Fluorobiphenyl	97%		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:	TT2478-002		
Lab Sample ID:	F33193-2	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	85.9
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	H031840.D	1	07/26/05	NAF	n/a	n/a	VH1202
Run #2							

	Initial Weight
Run #1	7.36 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	40	20	ug/kg	
71-43-2	Benzene	ND	4.0	1.6	ug/kg	
75-27-4	Bromodichloromethane	ND	4.0	1.6	ug/kg	
75-25-2	Bromoform	ND	4.0	1.6	ug/kg	
108-90-7	Chlorobenzene	ND	4.0	1.6	ug/kg	
75-00-3	Chloroethane	ND	4.0	1.6	ug/kg	
67-66-3	Chloroform	ND	4.0	1.6	ug/kg	
75-15-0	Carbon disulfide	ND	4.0	1.6	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.0	1.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.0	1.6	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	4.0	2.4	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.0	1.6	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.0	1.6	ug/kg	
124-48-1	Dibromochloromethane	ND	4.0	1.6	ug/kg	
156-59-2	2-Dichloroethylene	ND	4.0	1.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.0	1.6	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	4.0	1.6	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.0	1.6	ug/kg	
100-41-4	Ethylbenzene	ND	4.0	1.6	ug/kg	
591-78-6	2-Hexanone	ND	20	7.9	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	20	7.9	ug/kg	
74-83-9	Methyl bromide	ND	4.0	1.6	ug/kg	
74-87-3	Methyl chloride	ND	4.0	1.6	ug/kg	
75-09-2	Methylene chloride	ND	7.9	4.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	20	7.9	ug/kg	
100-42-5	Styrene	ND	4.0	1.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.0	1.6	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.0	1.6	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.0	1.6	ug/kg	
127-18-4	Tetrachloroethylene	ND	4.0	1.6	ug/kg	
108-88-3	Toluene	ND	4.0	1.6	ug/kg	
79-01-6	Trichloroethylene	ND	4.0	1.6	ug/kg	

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:	TT2478-002		
Lab Sample ID:	F33193-2	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	85.9
Project:	Camp Lejeune-UST TT 2477/78		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	4.0	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	12	3.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		78-123%
2037-26-5	Toluene-D8	98%		71-137%
460-00-4	4-Bromofluorobenzene	108%		61-157%
17060-07-0	1,2-Dichloroethane-D4	104%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-002		
Lab Sample ID:	F33193-2	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	85.9
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L026942.D	1	07/20/05	ME	07/19/05	OP13876	SL1417
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	960	380	ug/kg	
95-57-8	2-Chlorophenol	ND	190	38	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	38	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	38	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	38	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	960	380	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	380	77	ug/kg	
95-48-7	2-Methylphenol	ND	190	38	ug/kg	
	3&4-Methylphenol	ND	190	38	ug/kg	
88-75-5	2-Nitrophenol	ND	190	38	ug/kg	
100-02-7	4-Nitrophenol	ND	960	380	ug/kg	
87-86-5	Pentachlorophenol	ND	960	380	ug/kg	
108-95-2	Phenol	ND	190	38	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	38	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	38	ug/kg	
83-32-9	Acenaphthene	ND	190	38	ug/kg	
208-96-8	Acenaphthylene	ND	190	38	ug/kg	
120-12-7	Anthracene	ND	190	38	ug/kg	
56-55-3	Benzo(a)anthracene	ND	190	38	ug/kg	
50-32-8	Benzo(a)pyrene	ND	190	38	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	190	38	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	190	77	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	190	38	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	190	38	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	380	96	ug/kg	
100-51-6	Benzyl Alcohol	ND	190	38	ug/kg	
91-58-7	2-Chloronaphthalene	ND	190	38	ug/kg	
106-47-8	4-Chloroaniline	ND	380	150	ug/kg	
86-74-8	Carbazole	ND	190	38	ug/kg	
218-01-9	Chrysene	ND	190	38	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	190	38	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	190	77	ug/kg	

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TT2478-002		
Lab Sample ID:	F33193-2	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	85.9
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	190	38	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	38	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	190	38	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	190	38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	190	38	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	190	77	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	190	77	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	380	190	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	190	77	ug/kg	
132-64-9	Dibenzofuran	ND	190	38	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	380	96	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	380	190	ug/kg	
84-66-2	Diethyl phthalate	ND	380	96	ug/kg	
131-11-3	Dimethyl phthalate	ND	380	96	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	380	190	ug/kg	
206-44-0	Fluoranthene	ND	190	38	ug/kg	
86-73-7	Fluorene	ND	190	38	ug/kg	
118-74-1	Hexachlorobenzene	ND	190	38	ug/kg	
87-68-3	Hexachlorobutadiene	ND	190	77	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	190	77	ug/kg	
67-72-1	Hexachloroethane	ND	190	77	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	190	77	ug/kg	
78-59-1	Isophorone	ND	190	38	ug/kg	
91-57-6	2-Methylnaphthalene	ND	190	38	ug/kg	
88-74-4	2-Nitroaniline	ND	380	96	ug/kg	
99-09-2	3-Nitroaniline	ND	380	96	ug/kg	
100-01-6	4-Nitroaniline	ND	380	130	ug/kg	
91-20-3	Naphthalene	ND	190	38	ug/kg	
98-95-3	Nitrobenzene	ND	190	38	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	190	77	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	38	ug/kg	
85-01-8	Phenanthrene	ND	190	38	ug/kg	
129-00-0	Pyrene	ND	190	77	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	190	38	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	65%		45-114%
4165-62-2	Phenol-d5	66%		44-124%
118-79-6	2,4,6-Tribromophenol	70%		50-128%

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TT2478-002		
Lab Sample ID:	F33193-2	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	85.9
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	60%		41-123%
321-60-8	2-Fluorobiphenyl	65%		46-122%
1718-51-0	Terphenyl-d14	68%		45-135%

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:	TT2478-002		
Lab Sample ID:	F33193-2	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP VPH	Percent Solids:	85.9
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	UV017425.D	1	07/28/05	RAW	n/a	n/a	GUV1034
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.10 g	5.1 ml	100 ul
Run #2			

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	4400	2300	ug/kg	
	C9- C12 Aliphatics (Unadj.)	ND	3200	1700	ug/kg	
	C9- C10 Aromatics (Unadj.)	ND	1200	580	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	80%		70-130%
460-00-4	BFB	84%		70-130%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

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:	TT2478-002		
Lab Sample ID:	F33193-2	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP-EPH-98-1 SW846 3550B	Percent Solids:	85.9
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF17728.D	1	07/30/05	SM	07/19/05	OP13871	GZF835
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	7700	7700	ug/kg	
	C9-C18 Aliphatics	ND	7700	7700	ug/kg	
	C19-C36 Aliphatics	ND	12000	12000	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	63%		40-140%
580-13-2	2-Bromonaphthalene	93%		40-140%
84-15-1	o-Terphenyl	86%		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:	TT2478-003		
Lab Sample ID:	F33193-3	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	93.7
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	H031841.D	1	07/26/05	NAF	n/a	n/a	VH1202
Run #2							

	Initial Weight
Run #1	6.05 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	44	22	ug/kg	
71-43-2	Benzene	ND	4.4	1.8	ug/kg	
75-27-4	Bromodichloromethane	ND	4.4	1.8	ug/kg	
75-25-2	Bromoform	ND	4.4	1.8	ug/kg	
108-90-7	Chlorobenzene	ND	4.4	1.8	ug/kg	
75-00-3	Chloroethane	ND	4.4	1.8	ug/kg	
67-66-3	Chloroform	ND	4.4	1.8	ug/kg	
75-15-0	Carbon disulfide	ND	4.4	1.8	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.4	1.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.4	1.8	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	4.4	2.6	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.4	1.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.4	1.8	ug/kg	
124-48-1	Dibromochloromethane	ND	4.4	1.8	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	4.4	1.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.4	1.8	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	4.4	1.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.4	1.8	ug/kg	
100-41-4	Ethylbenzene	ND	4.4	1.8	ug/kg	
591-78-6	2-Hexanone	ND	22	8.8	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	22	8.8	ug/kg	
74-83-9	Methyl bromide	ND	4.4	1.8	ug/kg	
74-87-3	Methyl chloride	ND	4.4	1.8	ug/kg	
75-09-2	Methylene chloride	ND	8.8	4.4	ug/kg	
78-93-3	Methyl ethyl ketone	ND	22	8.8	ug/kg	
100-42-5	Styrene	ND	4.4	1.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.4	1.8	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.4	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.4	1.8	ug/kg	
127-18-4	Tetrachloroethylene	ND	4.4	1.8	ug/kg	
108-88-3	Toluene	ND	4.4	1.8	ug/kg	
79-01-6	Trichloroethylene	ND	4.4	1.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-003		
Lab Sample ID:	F33193-3	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	93.7
Project:	Camp Lejeune-UST TT 2477/78		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	4.4	2.2	ug/kg	
1330-20-7	Xylene (total)	ND	13	4.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		78-123%
2037-26-5	Toluene-D8	90%		71-137%
460-00-4	4-Bromofluorobenzene	99%		61-157%
17060-07-0	1,2-Dichloroethane-D4	108%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-003		
Lab Sample ID:	F33193-3	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	93.7
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L026943.D	1	07/20/05	ME	07/19/05	OP13876	SL1417
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	870	350	ug/kg	
95-57-8	2-Chlorophenol	ND	170	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	35	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	870	350	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	350	70	ug/kg	
95-48-7	2-Methylphenol	ND	170	35	ug/kg	
	3&4-Methylphenol	ND	170	35	ug/kg	
88-75-5	2-Nitrophenol	ND	170	35	ug/kg	
100-02-7	4-Nitrophenol	ND	870	350	ug/kg	
87-86-5	Pentachlorophenol	ND	870	350	ug/kg	
108-95-2	Phenol	ND	170	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	35	ug/kg	
83-32-9	Acenaphthene	ND	170	35	ug/kg	
208-96-8	Acenaphthylene	ND	170	35	ug/kg	
120-12-7	Anthracene	ND	170	35	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	35	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	35	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	35	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	70	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	35	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	35	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	350	87	ug/kg	
100-51-6	Benzyl Alcohol	ND	170	35	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	35	ug/kg	
106-47-8	4-Chloroaniline	ND	350	140	ug/kg	
86-74-8	Carbazole	ND	170	35	ug/kg	
218-01-9	Chrysene	ND	170	35	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	70	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-003		
Lab Sample ID:	F33193-3	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	93.7
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	170	35	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	35	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	35	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	70	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	70	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	350	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	70	ug/kg	
132-64-9	Dibenzofuran	ND	170	35	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	350	87	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	350	170	ug/kg	
84-66-2	Diethyl phthalate	ND	350	87	ug/kg	
131-11-3	Dimethyl phthalate	ND	350	87	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	350	170	ug/kg	
206-44-0	Fluoranthene	ND	170	35	ug/kg	
86-73-7	Fluorene	ND	170	35	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	35	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	70	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	70	ug/kg	
67-72-1	Hexachloroethane	ND	170	70	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	70	ug/kg	
78-59-1	Isophorone	ND	170	35	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	35	ug/kg	
88-74-4	2-Nitroaniline	ND	350	87	ug/kg	
99-09-2	3-Nitroaniline	ND	350	87	ug/kg	
100-01-6	4-Nitroaniline	ND	350	120	ug/kg	
91-20-3	Naphthalene	ND	170	35	ug/kg	
98-95-3	Nitrobenzene	ND	170	35	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	70	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	35	ug/kg	
85-01-8	Phenanthrene	ND	170	35	ug/kg	
129-00-0	Pyrene	ND	170	70	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77%		45-114%
4165-62-2	Phenol-d5	78%		44-124%
118-79-6	2,4,6-Tribromophenol	78%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-003		
Lab Sample ID:	F33193-3	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	93.7
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		41-123%
321-60-8	2-Fluorobiphenyl	77%		46-122%
1718-51-0	Terphenyl-d14	77%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-003		
Lab Sample ID:	F33193-3	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP VPH	Percent Solids:	93.7
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	UV017447.D	1	07/29/05	RAW	n/a	n/a	GUV1034
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.92 g	5.1 ml	100 ul
Run #2			

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	4100	2200	ug/kg	
	C9- C12 Aliphatics (Unadj.)	ND	3000	1700	ug/kg	
	C9- C10 Aromatics (Unadj.)	ND	1100	550	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	89%		70-130%
460-00-4	BFB	93%		70-130%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-003		
Lab Sample ID:	F33193-3	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP-EPH-98-1 SW846 3550B	Percent Solids:	93.7
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF17729.D	1	07/31/05	SM	07/19/05	OP13871	GZF835
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	7100	7100	ug/kg	
	C9-C18 Aliphatics	ND	7100	7100	ug/kg	
	C19-C36 Aliphatics	ND	7100	7100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	73%		40-140%
580-13-2	2-Bromonaphthalene	94%		40-140%
84-15-1	o-Terphenyl	86%		40-140%
321-60-8	2-Fluorobiphenyl	97%		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:	TT2478-004		
Lab Sample ID:	F33193-4	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	93.9
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	H031842.D	1	07/26/05	NAF	n/a	n/a	VH1202
Run #2							

	Initial Weight
Run #1	4.99 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	53	27	ug/kg	
71-43-2	Benzene	ND	5.3	2.1	ug/kg	
75-27-4	Bromodichloromethane	ND	5.3	2.1	ug/kg	
75-25-2	Bromoform	ND	5.3	2.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.3	2.1	ug/kg	
75-00-3	Chloroethane	ND	5.3	2.1	ug/kg	
67-66-3	Chloroform	ND	5.3	2.1	ug/kg	
75-15-0	Carbon disulfide	ND	5.3	2.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.3	2.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.3	2.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.3	3.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.3	2.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.3	2.1	ug/kg	
124-48-1	Dibromochloromethane	ND	5.3	2.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.3	2.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.3	2.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.3	2.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.3	2.1	ug/kg	
100-41-4	Ethylbenzene	ND	5.3	2.1	ug/kg	
591-78-6	2-Hexanone	ND	27	11	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	27	11	ug/kg	
74-83-9	Methyl bromide	ND	5.3	2.1	ug/kg	
74-87-3	Methyl chloride	ND	5.3	2.1	ug/kg	
75-09-2	Methylene chloride	ND	11	5.3	ug/kg	
78-93-3	Methyl ethyl ketone	ND	27	11	ug/kg	
100-42-5	Styrene	ND	5.3	2.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.3	2.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.3	2.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.3	2.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.3	2.1	ug/kg	
108-88-3	Toluene	ND	5.3	2.1	ug/kg	
79-01-6	Trichloroethylene	ND	5.3	2.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-004		
Lab Sample ID:	F33193-4	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	93.9
Project:	Camp Lejeune-UST TT 2477/78		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	5.3	2.7	ug/kg	
1330-20-7	Xylene (total)	ND	16	4.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		78-123%
2037-26-5	Toluene-D8	93%		71-137%
460-00-4	4-Bromofluorobenzene	98%		61-157%
17060-07-0	1,2-Dichloroethane-D4	103%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-004		
Lab Sample ID:	F33193-4	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	93.9
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L026944.D	1	07/20/05	ME	07/19/05	OP13876	SL1417
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	880	350	ug/kg	
95-57-8	2-Chlorophenol	ND	180	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	35	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	880	350	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	350	71	ug/kg	
95-48-7	2-Methylphenol	ND	180	35	ug/kg	
	3&4-Methylphenol	ND	180	35	ug/kg	
88-75-5	2-Nitrophenol	ND	180	35	ug/kg	
100-02-7	4-Nitrophenol	ND	880	350	ug/kg	
87-86-5	Pentachlorophenol	ND	880	350	ug/kg	
108-95-2	Phenol	ND	180	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	35	ug/kg	
83-32-9	Acenaphthene	ND	180	35	ug/kg	
208-96-8	Acenaphthylene	ND	180	35	ug/kg	
120-12-7	Anthracene	ND	180	35	ug/kg	
56-55-3	Benzo(a)anthracene	103	180	35	ug/kg	J
50-32-8	Benzo(a)pyrene	162	180	35	ug/kg	J
205-99-2	Benzo(b)fluoranthene	196	180	35	ug/kg	
191-24-2	Benzo(g,h,i)perylene	141	180	71	ug/kg	J
207-08-9	Benzo(k)fluoranthene	122	180	35	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	180	35	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	350	88	ug/kg	
100-51-6	Benzyl Alcohol	ND	180	35	ug/kg	
91-58-7	2-Chloronaphthalene	ND	180	35	ug/kg	
106-47-8	4-Chloroaniline	ND	350	140	ug/kg	
86-74-8	Carbazole	ND	180	35	ug/kg	
218-01-9	Chrysene	176	180	35	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	180	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	180	71	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	TT2478-004		
Lab Sample ID:	F33193-4	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	93.9
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	180	35	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	180	35	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	180	35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	180	35	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	180	71	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	180	71	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	350	180	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	180	71	ug/kg	
132-64-9	Dibenzofuran	ND	180	35	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	350	88	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	350	180	ug/kg	
84-66-2	Diethyl phthalate	ND	350	88	ug/kg	
131-11-3	Dimethyl phthalate	ND	350	88	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	180	350	180	ug/kg	J
206-44-0	Fluoranthene	306	180	35	ug/kg	
86-73-7	Fluorene	ND	180	35	ug/kg	
118-74-1	Hexachlorobenzene	ND	180	35	ug/kg	
87-68-3	Hexachlorobutadiene	ND	180	71	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	180	71	ug/kg	
67-72-1	Hexachloroethane	ND	180	71	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	149	180	71	ug/kg	J
78-59-1	Isophorone	ND	180	35	ug/kg	
91-57-6	2-Methylnaphthalene	ND	180	35	ug/kg	
88-74-4	2-Nitroaniline	ND	350	88	ug/kg	
99-09-2	3-Nitroaniline	ND	350	88	ug/kg	
100-01-6	4-Nitroaniline	ND	350	120	ug/kg	
91-20-3	Naphthalene	ND	180	35	ug/kg	
98-95-3	Nitrobenzene	ND	180	35	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	180	71	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	35	ug/kg	
85-01-8	Phenanthrene	133	180	35	ug/kg	J
129-00-0	Pyrene	240	180	71	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	180	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	75%		45-114%
4165-62-2	Phenol-d5	76%		44-124%
118-79-6	2,4,6-Tribromophenol	79%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-004		
Lab Sample ID:	F33193-4	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	93.9
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		41-123%
321-60-8	2-Fluorobiphenyl	75%		46-122%
1718-51-0	Terphenyl-d14	79%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-004		
Lab Sample ID:	F33193-4	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP VPH	Percent Solids:	93.9
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	UV017427.D	1	07/28/05	RAW	n/a	n/a	GUV1034
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.66 g	5.1 ml	100 ul
Run #2			

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	4400	2300	ug/kg	
	C9- C12 Aliphatics (Unadj.)	ND	3200	1700	ug/kg	
	C9- C10 Aromatics (Unadj.)	ND	1200	580	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	84%		70-130%
460-00-4	BFB	87%		70-130%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-004		
Lab Sample ID:	F33193-4	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP-EPH-98-1 SW846 3550B	Percent Solids:	93.9
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF17730.D	1	07/31/05	SM	07/19/05	OP13871	GZF835
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	7320	7000	7000	ug/kg	
	C9-C18 Aliphatics	ND	7000	7000	ug/kg	
	C19-C36 Aliphatics	12300	7000	7000	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	44%		40-140%
580-13-2	2-Bromonaphthalene	90%		40-140%
84-15-1	o-Terphenyl	67%		40-140%
321-60-8	2-Fluorobiphenyl	88%		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:	TT2478-005		
Lab Sample ID:	F33193-5	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	99.4
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	H031843.D	1	07/26/05	NAF	n/a	n/a	VH1202
Run #2							

	Initial Weight
Run #1	5.71 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	44	22	ug/kg	
71-43-2	Benzene	ND	4.4	1.8	ug/kg	
75-27-4	Bromodichloromethane	ND	4.4	1.8	ug/kg	
75-25-2	Bromoform	ND	4.4	1.8	ug/kg	
108-90-7	Chlorobenzene	ND	4.4	1.8	ug/kg	
75-00-3	Chloroethane	ND	4.4	1.8	ug/kg	
67-66-3	Chloroform	ND	4.4	1.8	ug/kg	
75-15-0	Carbon disulfide	ND	4.4	1.8	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.4	1.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.4	1.8	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	4.4	2.6	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.4	1.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.4	1.8	ug/kg	
124-48-1	Dibromochloromethane	ND	4.4	1.8	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	4.4	1.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.4	1.8	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	4.4	1.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.4	1.8	ug/kg	
100-41-4	Ethylbenzene	ND	4.4	1.8	ug/kg	
591-78-6	2-Hexanone	ND	22	8.8	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	22	8.8	ug/kg	
74-83-9	Methyl bromide	ND	4.4	1.8	ug/kg	
74-87-3	Methyl chloride	ND	4.4	1.8	ug/kg	
75-09-2	Methylene chloride	ND	8.8	4.4	ug/kg	
78-93-3	Methyl ethyl ketone	ND	22	8.8	ug/kg	
100-42-5	Styrene	ND	4.4	1.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.4	1.8	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.4	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.4	1.8	ug/kg	
127-18-4	Tetrachloroethylene	ND	4.4	1.8	ug/kg	
108-88-3	Toluene	ND	4.4	1.8	ug/kg	
79-01-6	Trichloroethylene	ND	4.4	1.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-005		
Lab Sample ID:	F33193-5	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	99.4
Project:	Camp Lejeune-UST TT 2477/78		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	4.4	2.2	ug/kg	
1330-20-7	Xylene (total)	ND	13	4.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		78-123%
2037-26-5	Toluene-D8	97%		71-137%
460-00-4	4-Bromofluorobenzene	97%		61-157%
17060-07-0	1,2-Dichloroethane-D4	104%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-005		
Lab Sample ID:	F33193-5	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	99.4
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L026946.D	1	07/20/05	ME	07/19/05	OP13876	SL1417
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	840	330	ug/kg	
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	840	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	840	330	ug/kg	
87-86-5	Pentachlorophenol	ND	840	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	84	ug/kg	
100-51-6	Benzyl Alcohol	ND	170	33	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	330	130	ug/kg	
86-74-8	Carbazole	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TT2478-005		
Lab Sample ID:	F33193-5	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	99.4
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	170	33	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	33	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	33	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	84	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	170	ug/kg	
84-66-2	Diethyl phthalate	ND	330	84	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	84	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	84	ug/kg	
99-09-2	3-Nitroaniline	ND	330	84	ug/kg	
100-01-6	4-Nitroaniline	ND	330	120	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	33	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		45-114%
4165-62-2	Phenol-d5	76%		44-124%
118-79-6	2,4,6-Tribromophenol	76%		50-128%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TT2478-005		
Lab Sample ID:	F33193-5	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	99.4
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	74%		41-123%
321-60-8	2-Fluorobiphenyl	79%		46-122%
1718-51-0	Terphenyl-d14	81%		45-135%

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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:	TT2478-005		
Lab Sample ID:	F33193-5	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP VPH	Percent Solids:	99.4
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	UV017429.D	1	07/28/05	RAW	n/a	n/a	GUV1034
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.16 g	5.1 ml	100 ul
Run #2			

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	3700	2000	ug/kg	
	C9- C12 Aliphatics (Unadj.)	ND	2700	1500	ug/kg	
	C9- C10 Aromatics (Unadj.)	ND	990	500	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	92%		70-130%
460-00-4	BFB	97%		70-130%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

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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:	TT2478-005		
Lab Sample ID:	F33193-5	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP-EPH-98-1 SW846 3550B	Percent Solids:	99.4
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF17731.D	1	07/31/05	SM	07/19/05	OP13871	GZF835
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	6500	6500	ug/kg	
	C9-C18 Aliphatics	ND	6500	6500	ug/kg	
	C19-C36 Aliphatics	ND	6500	6500	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	48%		40-140%
580-13-2	2-Bromonaphthalene	94%		40-140%
84-15-1	o-Terphenyl	88%		40-140%
321-60-8	2-Fluorobiphenyl	93%		40-140%

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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:	TT2478-006		
Lab Sample ID:	F33193-6	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	99.3
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	H031844.D	1	07/26/05	NAF	n/a	n/a	VH1202
Run #2							

	Initial Weight
Run #1	5.64 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	45	22	ug/kg	
71-43-2	Benzene	ND	4.5	1.8	ug/kg	
75-27-4	Bromodichloromethane	ND	4.5	1.8	ug/kg	
75-25-2	Bromoform	ND	4.5	1.8	ug/kg	
108-90-7	Chlorobenzene	ND	4.5	1.8	ug/kg	
75-00-3	Chloroethane	ND	4.5	1.8	ug/kg	
67-66-3	Chloroform	ND	4.5	1.8	ug/kg	
75-15-0	Carbon disulfide	ND	4.5	1.8	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.5	1.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.5	1.8	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	4.5	2.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.5	1.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.5	1.8	ug/kg	
124-48-1	Dibromochloromethane	ND	4.5	1.8	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	4.5	1.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.5	1.8	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	4.5	1.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.5	1.8	ug/kg	
100-41-4	Ethylbenzene	ND	4.5	1.8	ug/kg	
591-78-6	2-Hexanone	ND	22	8.9	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	22	8.9	ug/kg	
74-83-9	Methyl bromide	ND	4.5	1.8	ug/kg	
74-87-3	Methyl chloride	ND	4.5	1.8	ug/kg	
75-09-2	Methylene chloride	ND	8.9	4.5	ug/kg	
78-93-3	Methyl ethyl ketone	ND	22	8.9	ug/kg	
100-42-5	Styrene	ND	4.5	1.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.5	1.8	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.5	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.5	1.8	ug/kg	
127-18-4	Tetrachloroethylene	ND	4.5	1.8	ug/kg	
108-88-3	Toluene	ND	4.5	1.8	ug/kg	
79-01-6	Trichloroethylene	ND	4.5	1.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-006		
Lab Sample ID:	F33193-6	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	99.3
Project:	Camp Lejeune-UST TT 2477/78		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	4.5	2.2	ug/kg	
1330-20-7	Xylene (total)	ND	13	4.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		78-123%
2037-26-5	Toluene-D8	98%		71-137%
460-00-4	4-Bromofluorobenzene	98%		61-157%
17060-07-0	1,2-Dichloroethane-D4	104%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
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Accutest Laboratories

Report of Analysis

Client Sample ID:	TT2478-006		
Lab Sample ID:	F33193-6	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	99.3
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L026947.D	1	07/20/05	ME	07/19/05	OP13876	SL1417
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	820	330	ug/kg	
95-57-8	2-Chlorophenol	ND	160	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	160	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	160	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	160	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	820	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	66	ug/kg	
95-48-7	2-Methylphenol	ND	160	33	ug/kg	
	3&4-Methylphenol	ND	160	33	ug/kg	
88-75-5	2-Nitrophenol	ND	160	33	ug/kg	
100-02-7	4-Nitrophenol	ND	820	330	ug/kg	
87-86-5	Pentachlorophenol	ND	820	330	ug/kg	
108-95-2	Phenol	ND	160	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	160	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	160	33	ug/kg	
83-32-9	Acenaphthene	ND	160	33	ug/kg	
208-96-8	Acenaphthylene	ND	160	33	ug/kg	
120-12-7	Anthracene	ND	160	33	ug/kg	
56-55-3	Benzo(a)anthracene	ND	160	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	160	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	160	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	160	66	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	160	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	160	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	82	ug/kg	
100-51-6	Benzyl Alcohol	ND	160	33	ug/kg	
91-58-7	2-Chloronaphthalene	ND	160	33	ug/kg	
106-47-8	4-Chloroaniline	ND	330	130	ug/kg	
86-74-8	Carbazole	ND	160	33	ug/kg	
218-01-9	Chrysene	ND	160	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	160	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	160	66	ug/kg	

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J = Indicates an estimated value
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Accutest Laboratories

Report of Analysis

Client Sample ID:	TT2478-006		
Lab Sample ID:	F33193-6	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	99.3
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	160	33	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	160	33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	160	33	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	160	33	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	160	66	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	160	66	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	160	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	160	66	ug/kg	
132-64-9	Dibenzofuran	ND	160	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	82	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	160	ug/kg	
84-66-2	Diethyl phthalate	ND	330	82	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	82	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	160	ug/kg	
206-44-0	Fluoranthene	ND	160	33	ug/kg	
86-73-7	Fluorene	ND	160	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	160	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	160	66	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	160	66	ug/kg	
67-72-1	Hexachloroethane	ND	160	66	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	66	ug/kg	
78-59-1	Isophorone	ND	160	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	160	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	82	ug/kg	
99-09-2	3-Nitroaniline	ND	330	82	ug/kg	
100-01-6	4-Nitroaniline	ND	330	110	ug/kg	
91-20-3	Naphthalene	ND	160	33	ug/kg	
98-95-3	Nitrobenzene	ND	160	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	160	66	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	160	33	ug/kg	
85-01-8	Phenanthrene	ND	160	33	ug/kg	
129-00-0	Pyrene	ND	160	66	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	160	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	71%		45-114%
4165-62-2	Phenol-d5	71%		44-124%
118-79-6	2,4,6-Tribromophenol	75%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	TT2478-006		
Lab Sample ID:	F33193-6	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	99.3
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	69%		41-123%
321-60-8	2-Fluorobiphenyl	73%		46-122%
1718-51-0	Terphenyl-d14	74%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-006		
Lab Sample ID:	F33193-6	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP VPH	Percent Solids:	99.3
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	UV017430.D	1	07/28/05	RAW	n/a	n/a	GUV1034
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	7.11 g	5.1 ml	100 ul
Run #2			

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5-C8 Aliphatics (Unadj.)	ND	2700	1400	ug/kg	
	C9- C12 Aliphatics (Unadj.)	ND	2000	1100	ug/kg	
	C9- C10 Aromatics (Unadj.)	ND	720	360	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	91%		70-130%
460-00-4	BFB	96%		70-130%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-006		
Lab Sample ID:	F33193-6	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP-EPH-98-1 SW846 3550B	Percent Solids:	99.3
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF17732.D	1	07/31/05	SM	07/19/05	OP13871	GZF835
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	6700	6700	ug/kg	
	C9-C18 Aliphatics	ND	6700	6700	ug/kg	
	C19-C36 Aliphatics	ND	6700	6700	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	71%		40-140%
580-13-2	2-Bromonaphthalene	89%		40-140%
84-15-1	o-Terphenyl	85%		40-140%
321-60-8	2-Fluorobiphenyl	98%		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:	TT2478-007		
Lab Sample ID:	F33193-7	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	98.9
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	H031845.D	1	07/26/05	NAF	n/a	n/a	VH1202
Run #2							

	Initial Weight
Run #1	6.84 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	37	18	ug/kg	
71-43-2	Benzene	ND	3.7	1.5	ug/kg	
75-27-4	Bromodichloromethane	ND	3.7	1.5	ug/kg	
75-25-2	Bromoform	ND	3.7	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	3.7	1.5	ug/kg	
75-00-3	Chloroethane	ND	3.7	1.5	ug/kg	
67-66-3	Chloroform	ND	3.7	1.5	ug/kg	
75-15-0	Carbon disulfide	ND	3.7	1.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.7	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.7	1.5	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	3.7	2.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.7	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.7	1.5	ug/kg	
124-48-1	Dibromochloromethane	ND	3.7	1.5	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	3.7	1.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.7	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	3.7	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.7	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	3.7	1.5	ug/kg	
591-78-6	2-Hexanone	ND	18	7.4	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	18	7.4	ug/kg	
74-83-9	Methyl bromide	ND	3.7	1.5	ug/kg	
74-87-3	Methyl chloride	ND	3.7	1.5	ug/kg	
75-09-2	Methylene chloride	ND	7.4	7.4	ug/kg	
78-93-3	Methyl ethyl ketone	ND	18	7.4	ug/kg	
100-42-5	Styrene	ND	3.7	1.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.7	1.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.7	1.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.7	1.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	3.7	1.5	ug/kg	
108-88-3	Toluene	ND	3.7	1.5	ug/kg	
79-01-6	Trichloroethylene	ND	3.7	1.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-007		
Lab Sample ID:	F33193-7	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	98.9
Project:	Camp Lejeune-UST TT 2477/78		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	3.7	1.8	ug/kg	
1330-20-7	Xylene (total)	ND	11	3.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		78-123%
2037-26-5	Toluene-D8	97%		71-137%
460-00-4	4-Bromofluorobenzene	96%		61-157%
17060-07-0	1,2-Dichloroethane-D4	105%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-007		
Lab Sample ID:	F33193-7	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.9
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L026970.D	1	07/21/05	ME	07/19/05	OP13876	SL1418
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	840	340	ug/kg	
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	840	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	840	340	ug/kg	
87-86-5	Pentachlorophenol	ND	840	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	84	ug/kg	
100-51-6	Benzyl Alcohol	ND	170	34	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	340	130	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-007		
Lab Sample ID:	F33193-7	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.9
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	170	34	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	84	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	84	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	84	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	84	ug/kg	
99-09-2	3-Nitroaniline	ND	340	84	ug/kg	
100-01-6	4-Nitroaniline	ND	340	120	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77%		45-114%
4165-62-2	Phenol-d5	77%		44-124%
118-79-6	2,4,6-Tribromophenol	81%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-007		
Lab Sample ID:	F33193-7	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.9
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	74%		41-123%
321-60-8	2-Fluorobiphenyl	80%		46-122%
1718-51-0	Terphenyl-d14	82%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-007		
Lab Sample ID:	F33193-7	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP VPH	Percent Solids:	98.9
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	UV017431.D	1	07/28/05	RAW	n/a	n/a	GUV1034
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.84 g	5.1 ml	100 ul
Run #2			

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	4000	2100	ug/kg	
	C9- C12 Aliphatics (Unadj.)	ND	2900	1600	ug/kg	
	C9- C10 Aromatics (Unadj.)	ND	1100	530	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	95%		70-130%
460-00-4	BFB	99%		70-130%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-007		
Lab Sample ID:	F33193-7	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP-EPH-98-1 SW846 3550B	Percent Solids:	98.9
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF17733.D	1	07/31/05	SM	07/19/05	OP13871	GZF835
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	6700	6700	ug/kg	
	C9-C18 Aliphatics	ND	6700	6700	ug/kg	
	C19-C36 Aliphatics	ND	6700	6700	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	74%		40-140%
580-13-2	2-Bromonaphthalene	73%		40-140%
84-15-1	o-Terphenyl	77%		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:	TT2478-008		
Lab Sample ID:	F33193-8	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	98.9
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	H031846.D	1	07/26/05	NAF	n/a	n/a	VH1202
Run #2							

	Initial Weight
Run #1	5.34 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	47	24	ug/kg	
71-43-2	Benzene	ND	4.7	1.9	ug/kg	
75-27-4	Bromodichloromethane	ND	4.7	1.9	ug/kg	
75-25-2	Bromoform	ND	4.7	1.9	ug/kg	
108-90-7	Chlorobenzene	ND	4.7	1.9	ug/kg	
75-00-3	Chloroethane	ND	4.7	1.9	ug/kg	
67-66-3	Chloroform	ND	4.7	1.9	ug/kg	
75-15-0	Carbon disulfide	ND	4.7	1.9	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.7	1.9	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.7	1.9	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	4.7	2.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.7	1.9	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.7	1.9	ug/kg	
124-48-1	Dibromochloromethane	ND	4.7	1.9	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	4.7	1.9	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.7	1.9	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	4.7	1.9	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.7	1.9	ug/kg	
100-41-4	Ethylbenzene	ND	4.7	1.9	ug/kg	
591-78-6	2-Hexanone	ND	24	9.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	24	9.5	ug/kg	
74-83-9	Methyl bromide	ND	4.7	1.9	ug/kg	
74-87-3	Methyl chloride	ND	4.7	1.9	ug/kg	
75-09-2	Methylene chloride [b]	9.8	9.5	4.7	ug/kg	
78-93-3	Methyl ethyl ketone	ND	24	9.5	ug/kg	
100-42-5	Styrene	ND	4.7	1.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.7	1.9	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.7	1.9	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.7	1.9	ug/kg	
127-18-4	Tetrachloroethylene	ND	4.7	1.9	ug/kg	
108-88-3	Toluene	ND	4.7	1.9	ug/kg	
79-01-6	Trichloroethylene	ND	4.7	1.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	TT2478-008		
Lab Sample ID:	F33193-8	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	98.9
Project:	Camp Lejeune-UST TT 2477/78		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	4.7	2.4	ug/kg	
1330-20-7	Xylene (total)	ND	14	4.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		78-123%
2037-26-5	Toluene-D8	95%		71-137%
460-00-4	4-Bromofluorobenzene	99%		61-157%
17060-07-0	1,2-Dichloroethane-D4	107%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-008		
Lab Sample ID:	F33193-8	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.9
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L026971.D	1	07/21/05	ME	07/19/05	OP13876	SL1418
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	840	340	ug/kg	
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	840	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	840	340	ug/kg	
87-86-5	Pentachlorophenol	ND	840	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	84	ug/kg	
100-51-6	Benzyl Alcohol	ND	170	34	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	340	130	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	TT2478-008		
Lab Sample ID:	F33193-8	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.9
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	170	34	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	84	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	84	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	84	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	84	ug/kg	
99-09-2	3-Nitroaniline	ND	340	84	ug/kg	
100-01-6	4-Nitroaniline	ND	340	120	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		45-114%
4165-62-2	Phenol-d5	78%		44-124%
118-79-6	2,4,6-Tribromophenol	82%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-008		
Lab Sample ID:	F33193-8	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.9
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	75%		41-123%
321-60-8	2-Fluorobiphenyl	77%		46-122%
1718-51-0	Terphenyl-d14	84%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-008		
Lab Sample ID:	F33193-8	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP VPH	Percent Solids:	98.9
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	UV017432.D	1	07/28/05	RAW	n/a	n/a	GUV1034
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.88 g	5.1 ml	100 ul
Run #2			

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	4000	2100	ug/kg	
	C9- C12 Aliphatics (Unadj.)	ND	2900	1600	ug/kg	
	C9- C10 Aromatics (Unadj.)	1350	1100	530	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	95%		70-130%
460-00-4	BFB	100%		70-130%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-008		
Lab Sample ID:	F33193-8	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP-EPH-98-1 SW846 3550B	Percent Solids:	98.9
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF17735.D	1	07/31/05	SM	07/19/05	OP13871	GZF835
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	6700	6700	ug/kg	
	C9-C18 Aliphatics	ND	6700	6700	ug/kg	
	C19-C36 Aliphatics	ND	6700	6700	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	79%		40-140%
580-13-2	2-Bromonaphthalene	44%		40-140%
84-15-1	o-Terphenyl	89%		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:	TT2478-009		
Lab Sample ID:	F33193-9	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	98.4
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	H031847.D	1	07/26/05	NAF	n/a	n/a	VH1202
Run #2							

	Initial Weight
Run #1	4.85 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	52	26	ug/kg	
71-43-2	Benzene	ND	5.2	2.1	ug/kg	
75-27-4	Bromodichloromethane	ND	5.2	2.1	ug/kg	
75-25-2	Bromoform	ND	5.2	2.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.2	2.1	ug/kg	
75-00-3	Chloroethane	ND	5.2	2.1	ug/kg	
67-66-3	Chloroform	ND	5.2	2.1	ug/kg	
75-15-0	Carbon disulfide	ND	5.2	2.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.2	2.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.2	2.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.2	3.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.2	2.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.2	2.1	ug/kg	
124-48-1	Dibromochloromethane	ND	5.2	2.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.2	2.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.2	2.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.2	2.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.2	2.1	ug/kg	
100-41-4	Ethylbenzene	ND	5.2	2.1	ug/kg	
591-78-6	2-Hexanone	ND	26	10	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	26	10	ug/kg	
74-83-9	Methyl bromide	ND	5.2	2.1	ug/kg	
74-87-3	Methyl chloride	ND	5.2	2.1	ug/kg	
75-09-2	Methylene chloride	ND	10	10	ug/kg	
78-93-3	Methyl ethyl ketone	ND	26	10	ug/kg	
100-42-5	Styrene	ND	5.2	2.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.2	2.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.2	2.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.2	2.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.2	2.1	ug/kg	
108-88-3	Toluene	ND	5.2	2.1	ug/kg	
79-01-6	Trichloroethylene	ND	5.2	2.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	TT2478-009		
Lab Sample ID:	F33193-9	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	98.4
Project:	Camp Lejeune-UST TT 2477/78		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	5.2	2.6	ug/kg	
1330-20-7	Xylene (total)	ND	16	4.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		78-123%
2037-26-5	Toluene-D8	97%		71-137%
460-00-4	4-Bromofluorobenzene	98%		61-157%
17060-07-0	1,2-Dichloroethane-D4	104%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	TT2478-009		
Lab Sample ID:	F33193-9	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.4
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L026972.D	1	07/21/05	ME	07/19/05	OP13876	SL1418
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	840	340	ug/kg	
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	840	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	840	340	ug/kg	
87-86-5	Pentachlorophenol	ND	840	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	84	ug/kg	
100-51-6	Benzyl Alcohol	ND	170	34	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	340	130	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	TT2478-009		
Lab Sample ID:	F33193-9	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.4
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	170	34	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	84	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	84	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	84	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	84	ug/kg	
99-09-2	3-Nitroaniline	ND	340	84	ug/kg	
100-01-6	4-Nitroaniline	ND	340	120	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	75%		45-114%
4165-62-2	Phenol-d5	76%		44-124%
118-79-6	2,4,6-Tribromophenol	79%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	TT2478-009		
Lab Sample ID:	F33193-9	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.4
Project:	Camp Lejeune-UST TT 2477/78		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		41-123%
321-60-8	2-Fluorobiphenyl	75%		46-122%
1718-51-0	Terphenyl-d14	79%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-009		
Lab Sample ID:	F33193-9	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP VPH	Percent Solids:	98.4
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	UV017433.D	1	07/28/05	RAW	n/a	n/a	GUV1034
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.62 g	5.1 ml	100 ul
Run #2			

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C5- C8 Aliphatics (Unadj.)	ND	3500	1800	ug/kg	
	C9- C12 Aliphatics (Unadj.)	ND	2500	1400	ug/kg	
	C9- C10 Aromatics (Unadj.)	ND	920	460	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	95%		70-130%
460-00-4	BFB	100%		70-130%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value 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:	TT2478-009		
Lab Sample ID:	F33193-9	Date Sampled:	07/13/05
Matrix:	SO - Soil	Date Received:	07/14/05
Method:	MADEP-EPH-98-1 SW846 3550B	Percent Solids:	98.4
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZF17736.D	1	07/31/05	SM	07/19/05	OP13871	GZF835
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	2.0 ml
Run #2		

MAEPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
	C11-C22 Aromatics (Unadj.)	ND	6800	6800	ug/kg	
	C9-C18 Aliphatics	ND	6800	6800	ug/kg	
	C19-C36 Aliphatics	ND	6800	6800	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	70%		40-140%
580-13-2	2-Bromonaphthalene	73%		40-140%
84-15-1	o-Terphenyl	87%		40-140%
321-60-8	2-Fluorobiphenyl	91%		40-140%

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:	TT2478-010		
Lab Sample ID:	F33193-10	Date Sampled:	07/13/05
Matrix:	AQ - Trip Blank Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	n/a
Project:	Camp Lejeune-UST TT 2477/78		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B031868.D	1	07/27/05	KW	n/a	n/a	VB1344
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	5.6	25	5.0	ug/l	J
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.5	ug/l	
100-42-5	Styrene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	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:	TT2478-010		
Lab Sample ID:	F33193-10	Date Sampled:	07/13/05
Matrix:	AQ - Trip Blank Soil	Date Received:	07/14/05
Method:	SW846 8260B	Percent Solids:	n/a
Project:	Camp Lejeune-UST TT 2477/78		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
1330-20-7	Xylene (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		86-115%
17060-07-0	1,2-Dichloroethane-D4	112%		73-126%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	114%		83-119%

(a) CCV outside of control limits; results may be biased low.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates 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

F33193

COC Number: 110385-TT2478-071305

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 - TT 2478 (FSSI)	CAMP LEJEUNE, NC		
Project Number	**Contact**	**P.O. Number**	**Reviewed by**
110385	Mark Martin	FSSI	
Client Rep	**Project Manager**		
US NAVY - LANTDIV	Ron Kenyon		

Item No.	Sample Number	Date	Time	Comp	Grab	Sample Description	Number of Containers	Analysis Desired: 8260	8270	MADEP EPH	MADEP VPH
1	TT2478-001	7/13/05	11:00		X	Piping Run 0'	4	X	X	X	X
2	TT2478-002	7/13/05	11:30		X	Piping Run 20'	4	X	X	X	X
3	TT2478-003	7/13/05	12:00		X	Piping Run 40'	4	X	X	X	X
4	TT2478-004	7/13/05	13:00		X	Piping Run 60'	4	X	X	X	X
5	TT2478-005	7/13/05	13:30		X	NW Pump	4	X	X	X	X
6	TT2478-006	7/13/05	14:00		X	NE Pump	4	X	X	X	X
7	TT2478-007	7/13/05	15:30		X	SW Pump	4	X	X	X	X
8	TT2478-008	7/13/05	16:00		X	SE Pump	4	X	X	X	X
9	TT2478-009	7/13/05	16:00		X	Dup SE Pump	4	X	X	X	X
10	TT2478-010	7/13/05	—		X	Trip Blank	2	X			

Transfer Number	Item Number	Transfers Relinquished By	Transfers Accepted By	Date	Time	Remarks
1	1-10	[signature]	UPS 1Z71V098 01 9309 4424, 1Z71V098 01 9163 5638	7/13/05	16:00	14 Day TAT
2		CIPS	[signature]	7-14-05	1030	
3						

2.4, 2.4

F33193: Chain of Custody
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ACCUTEST Laboratories F33193

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F33193 CLIENT: Shaw E&I PROJECT: Camp Lejeune - 110385

DATE/TIME RECEIVED: 7-14-05/ 10:00 # OF COOLERS RECEIVED: 2 COOLER TEMPS: 2.6 2.4

METHOD OF DELIVERY: FEDEX (UPS) ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 12 7IV 094 01 9309 4424

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] NO COC RECEIVED
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [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 PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] 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(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED

SOIL INFORMATION

NUMBER OF ENCORES ? 0

NUMBER OF 5035 FIELD KITS ? 0

SUMMARY OF COMMENTS: Received an extra T.B.

TECHNICIAN SIGNATURE/DATE: Steven Cocom 7-14-05 TECHNICIAN SIGNATURE/DATE

ASBD06/22/05

F33193: Chain of Custody
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