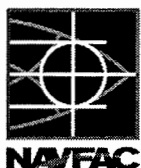


FINAL
SOIL CLEANUP REPORT
CAMPBELL STREET FUEL FARM
NCDENR Incident Number: 87537
Marine Corps Air Station New River
Jacksonville, North Carolina
September 21, 2006

Prepared for:

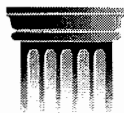


Mr. David T. Cleland, P.G.
Marine Corps North Carolina IPT
Naval Facilities Engineering Command Mid-Atlantic
6506 Hampton Blvd
Norfolk, VA 23508-1278



Mr. Andrew Smith
I&E/EMD/EQB
Building 12, Post Lane
MCB Camp Lejeune, NC 28542

Prepared by:



Sovereign Consulting Inc.
405 Oakmears Crescent
Virginia Beach, VA 23462

Contract Number: N62470-04-D-0205
Task Order: 0013

TABLE OF CONTENTS

EXECUTIVE SUMMARY	1
1.0 TITLE PAGE	3
2.0 INTRODUCTION	4
3.0 SITE HISTORY	4
4.0 SITE REMEDIATION AND SAMPLING	5
5.0 RECEPTOR SURVEY	6
6.0 CONCLUSIONS AND RECOMMENDATIONS	7
7.0 REFERENCES	8

TABLES

TABLE 1	SUMMARY OF SOIL SAMPLING RESULTS – EPA METHODS 5030 AND 3550
TABLE 2	SUMMARY OF GROUNDWATER SAMPLING RESULTS – EPA METHOD 602
TABLE 3	SUMMARY OF GROUNDWATER SAMPLING RESULTS – EPA METHOD 625
TABLE 4	WELL CONSTRUCTION INFORMATION

FIGURES

FIGURE 1	GENERAL VICINITY TOPOGRAPHIC MAP
FIGURE 2	CSFF SITE MAP
FIGURE 3	SOIL EXCAVATION LIMITS AND SOIL SAMPLE LOCATIONS
FIGURE 4	MONITORING WELL LOCATION WITH GROUNDWATER SAMPLING RESULTS

APPENDICES

APPENDIX A	HISTORICAL DATA AND FIGURES
APPENDIX B	SOIL LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTATION FROM 2006 EVENT
APPENDIX C	GROUNDWATER LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTATION FROM 2006 EVENT
APPENDIX D	WELL CONSTRUCTION RECORD
APPENDIX E	PHOTOGRAPHS
APPENDIX F	SOIL DISPOSAL MANIFESTS

LIST OF ACRONYMS

2000 Guidelines	Groundwater Section Guidelines for Investigation and Remediation of Soil and Groundwater
2001 Guidelines	Guidelines for Assessment and Corrective Action, North Carolina Underground Storage Tank Section (Effective July 1, 2001)
2L GWQS	NCAC T15A:02L Groundwater Quality Standards
AS	Air Sparge
AST	Aboveground Storage Tank
BDL	Below Detection Limit
BN	Base/Neutral (extractables)
BNA	Base/Neutral/Acid (extractables)
BQL	Below Quantitation Limit
BLS	Below Land Surface
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
CAP	Corrective Action Plan
CFR	Code of Federal Regulations
Cr	Chromium
CSA	Comprehensive Site Assessment
DIPE	Di-isopropyl Ether
DO	Dissolved Oxygen
DOD	Department of Defense
DPT	Direct Push Technology
DWQ	Division of Water Quality
DWM	Division of Waste Management
DTW	Depth to Water
EDB	Ethylene di-bromide
EMD	Environmental Management Division
EPA	Environmental Protection Agency
EPH	Extractable Petroleum Hydrocarbons
EQB	Environmental Quality Branch
Fe	Iron
FID	Flame Ionization Detector
FT	Feet
GCL	Gross Contaminant Level
GIS	Geographic Information System
GPS	Global Positioning System
Guidelines Vol. II	Groundwater Section Guidelines for Investigation and Remediation of Soil and Groundwater, Volume II, Petroleum Underground Storage Tanks (January 2, 1998)
HDPE	High Density Polyethylene
I/C	Industrial/Commercial
ID	Identification
I&E	Installations and Environment Department
IGWQS	Interim Groundwater Quality Standards
IPE	Isopropyl Ether
LSA	Limited Site Assessment
LUST	Leaking Underground Storage Tank
m	Meter
MADEP	Massachusetts Department of Environmental Protection
MCAS	Marine Corps Air Station

MCB	Marine Corps Base
MDL	Method Detection Limit
mg/Kg	Milligrams per Kilogram
mg/L	Milligrams per Liter
MSCC	Maximum Soil Contaminant Concentration
MSL	Mean Sea Level
MTBE	Methyl tertiary butyl ether
µg/Kg	Micrograms per Kilogram
µg/L	Micrograms per Liter
NA	Not Analyzed
N/A	Not Applicable
NAVFAC	Naval Facilities Engineering Command Atlantic
NC	North Carolina
NCAC	North Carolina Administrative Code
NCDENR	North Carolina Department of Environment and Natural Resources
NE	None Established
NM	Not Measured
NMT	No Measurable Thickness
NS	Not Sampled
OVA	Organic Vapor Analyzer
PAH	Polynuclear Aromatic Hydrocarbons
Pb	Lead
PPB	Parts Per Billion
PPM	Parts Per Million
PID	Photo Ionization Detector
PQL	Practical Quantitation Limit
PVC	Polyvinyl chloride
RBCA	Risk-Based Corrective Action
RCRA	Resource Conservation and Recovery Act
Res	Residential
SOW	Scope of Work
STGW	Soil-to-Groundwater
SVE	Soil Vapor Extraction
SVOC	Semi Volatile Organic Compound
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compound
TOC	Top of Casing
TPH	Total Petroleum Hydrocarbons
US	United States
USCS	Unified Soil Classification System
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tank
VOC	Volatile Organic Compounds
VPH	Volatile Petroleum Hydrocarbons
WiRO	NCDENR Wilmington Regional Office

EXECUTIVE SUMMARY

The Campbell Street Fuel Farm site is located at the intersection of Campbell and White Streets aboard MCAS New River, Jacksonville, North Carolina. The Campbell Street Fuel Farm is an active fuel storage facility. Four 215,000-gallon steel aboveground storage tanks hold JP-5 jet fuel that is pumped to the tarmac helicopter refueling station via an underground delivery line. This underground line runs from the fuel farm along White Street and then out onto the flightline. The CSFF area is also a NCDENR/DWM/UST incident, #23297, which is currently under a groundwater monitoring program. The UST incident is classified as an intermediate risk site with industrial/commercial land use.

Late on August 15, 2005, a fuel sample port was discovered in an open position during a fueling operation. It was estimated that approximately 200 gallons of JP-5 jet fuel was released prior to the discovery of the open port. Personnel immediately closed the port and reported the spill to the appropriate Base and Station first responders.

Engineering and Environment, Inc. (EEI) mobilized to the site on August 16, 2006 to perform an initial excavation of the affected soils. Approximately 30 cubic yards of petroleum impacted soils were removed from the release area. Upon completion of the excavation, four soil samples were collected from the base and sidewalls of the excavation. Three of the four EEI soil samples contained contaminant concentrations above applicable NCDENR action levels. As a result, further soil excavation was deemed necessary, and Sovereign Consulting Inc. (Sovereign) was contracted to conduct the additional soil excavation required.

Sovereign conducted the remedial action in June 2006 by excavating and disposing of approximately 1,100 tons of petroleum impacted soils from the project site. Site utilities and structural boundaries limited excavation activities in the project area. Confirmation soil samples were taken from the sidewalls of the excavation to assess the remaining level of contamination.

Laboratory results indicate the sidewall soil samples from the northern, western, and southern sidewalls do not contain total petroleum hydrocarbon concentrations above NCDENR action levels. The eastern sidewall, however, contains diesel range organics at one soil sample location (SB12) at a concentration of 368 mg/kg, as compared to the 40 ppm action level.

Sovereign also assessed groundwater quality in the excavation area by installing a Type II groundwater monitoring well (USTCSFF-MW25). Samples were analyzed for EPA Methods 602 + MTBE + xylenes and 625 + TICs. Laboratory results show no 602 or 625 contaminants present above 2L standards. Only toluene was present in the groundwater sample at a concentration of 0.765 µg/L, as compared to the groundwater quality standard of 1,000 µg/L.

Excavation activities were successful in removing soil contamination at the site along the northern, western, and southern sidewalls of the excavation. Soil contaminants are still present, however, along the east sidewall, as well as within the pumping station area. Excavation activities were restricted in these directions due to the presence of aboveground structures and underground utilities. As a result of the remaining contamination, Sovereign recommends MCB Camp Lejeune conduct additional soil excavation in the vicinity of SB12 to remove any

remaining vadose zone contamination in the localized area. Confirmation soil samples, per EPA Methods 5030 and 3550, should be taken to ensure contaminant removal. Results of the excavation should be summarized and provided in an addendum report.

Additional soil remediation is required in the pumping station area and should be conducted when facility upgrades are performed in 2007. In the interim, NCDENR could require a comprehensive site assessment to further investigate contaminant levels at the site.

1.0 TITLE PAGE

DATE OF REPORT: September 11, 2006

Facility I.D.: N/A

UST Incident Number: 87537

Site Name: Campbell Street Fuel Farm

Site Location: Marine Corps Air Station New River, North Carolina

Nearest City/Town: Jacksonville

County: Onslow

Tank Owner: Commanding Officer – MCB Camp Lejeune

I&E/EMD/EQB

PSC Box 20004

Address: MCB Camp Lejeune, NC 28542-0004

Phone: (910) 451-5068

Tank Operator: Same as above

Address: Same as above

Phone: Same as above

Property Owner: Same as above

Address: Same as above

Phone: Same as above

Property Occupant: Marine Corps Personnel

Address: MCAS New River, NC

Phone: None

Consultant/Contractor: Sovereign Consulting Inc.

Address: 405 Oakmeads Crescent

Virginia Beach, VA 23462

Phone: (757) 456-5093

Release Information

Date Discovered: August 15, 2005

Latitude:

34° 43' 13" N

Longitude:

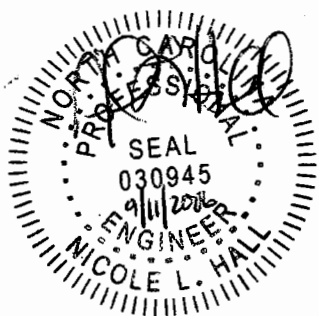
77° 27' 09" W

Estimated Quantity of Release: 200 gallons

Cause of Release: Release to ground surface from piping sample port; sample port was left open when delivery was made to Tank 2.

Source of Release (Piping/AST): Piping

Sizes and contents of AST system(s) from which the release occurred: Tank 2 which is 215,000 gallons holding JP-5 fuel.



I, Nicole L. Hall a Professional Engineer for Sovereign Consulting Inc., do certify that the information contained in this report is correct and accurate to the best of my knowledge.

2.0 INTRODUCTION

This report summarizes field activities during a recent soil removal action and the associated soil and groundwater sampling, which was conducted at Campbell Street Fuel Farm. An evaluation for site closure was also performed for the site.

The project's scope of work entailed removal of contaminated soil from the site followed by post-excavation soil samples. In addition, Sovereign installed a Type II well at the site and sampled the groundwater to determine groundwater quality at the site. Findings from the 2006 excavation and sampling event are presented in this report.

3.0 SITE HISTORY

The Campbell Street Fuel Farm site is located at the intersection of Campbell and White Streets aboard MCAS New River, Jacksonville, North Carolina. The Campbell Street Fuel Farm is an active fuel storage facility. Four 215,000-gallon steel aboveground storage tanks hold JP-5 jet fuel that is pumped to the tarmac helicopter refueling station via an underground delivery line. This underground line runs from the fuel farm along White Street and then out onto the flightline. The CSFF area is also a NCDENR/DWM/UST incident, #23297, which is currently under a groundwater monitoring program. The UST incident is classified as an intermediate risk site with industrial/commercial land use.

Late on August 15, 2005, a fuel sample port was discovered in an open position during a fueling operation. It was estimated that approximately 200 gallons of JP-5 jet fuel was released prior to the discovery of the open port. Personnel immediately closed the port and reported the spill to the appropriate Base and Station first responders.

EEI mobilized to the site on August 16, 2006 to perform an initial excavation of the affected soils. As reported in the EEI Soil Contamination Report, dated September 22, 2005, the horizontal excavation limits corresponded to an area where ground surface appeared visibly stained. Vertically, the excavation was extended to a depth of approximately four feet below ground surface (bgs) throughout most of the area, corresponding to the maximum reach of the backhoe, and a depth at which little or no visible staining was evident on the base of the excavation. At the north end of the excavation, the base of the excavation was sloped from approximately four feet bgs upwards to ground surface. Along the east-central portion of the area, excavation was conducted to a depth of approximately two-feet bgs as site structures limited the access and reach of the backhoe. In the southern portion of the area, a concrete pad was present, and surface material (approximately four inches of gravel) was removed with shovels, exposing hard-packed soil overlying the pad; the pad was not disturbed during the activities. The EEI figure (Figure 2) in Appendix A illustrates the approximate extent of the excavation, including estimated depths of the excavation. Approximately 30 cubic yards of petroleum impacted soils were removed from the release area.

Upon completion of the excavation, four soil samples were collected from the base and sidewalls of the excavation. Once soil sampling had been completed, the excavation was backfilled with clean soil. Backfilling was conducted until the soil level approximately matched the surrounding ground surface level, and clean gravel was placed above the concrete pad in the southern portion of the area.

Three of the four soil samples (S0001, S0002, and S0004) as shown on the EEI figure in Appendix A contained contaminant concentrations above applicable NCDENR action levels. As a result, further soil excavation was deemed necessary. Sovereign was contracted to conduct the additional soil excavation required. This remedial action was implemented in June 2006.

4.0 SITE REMEDIATION AND SAMPLING

Following the August 2005 petroleum release, initial abatement activities and removal of obviously impacted soils were performed at the site by EEI. Post-excavation soil samples, however, revealed areas of soil contamination at the site. As a result, the NAVFAC Midlant Marine Corps North Carolina Integrated Project Team prompted Sovereign to conduct a remedial action of subject site soils to below NCDENR action levels by means of excavation. Sovereign was also directed to install a Type II monitoring well at the site and sample the groundwater to determine groundwater quality at the site.

Based on the Scope of Work for this project, soil excavation activities in the area of the 2005 release began on June 19 and ended June 22, 2006. Prior to any field activities, Sovereign reviewed previous soil removal reports. Sovereign also initiated a thorough utility mark out with a private utility locator familiar with sites and standard operations at MCB Camp Lejeune and MCAS New River.

Sovereign excavated and disposed of approximately 1,100 tons of petroleum impacted soils from the project site. Figure 3 shows the approximate excavation area. The excavation was of irregular shape and extended north and northeast of the pump station and original EEI excavation. The excavation was approximately seven feet deep, and groundwater was encountered. Historical data for the site shows that depth to water measurements range from 1.20 feet to 8.98 feet across the site; however, these measurements were taken from monitoring wells further south of the excavation area.

Excavation activities were greatly limited by above and below ground site utilities. Each side of the excavation was bound - fire suppression lines lay to the north and east, a water line and the Tank 1 & 2 area are also located to the east, an extensive pump station is to the south, and the Tank 3 & 4 area sits to the west. Excavation was completed to the extent possible given both utility and structural boundaries.

Confirmation soil samples were taken along the excavation sidewalls. Excavation bottom samples were not taken since groundwater was encountered during removal activities. A total of 19 soil samples were submitted for laboratory analysis. All samples were taken at a general depth of 4.0-6.0 feet. The soil samples were packed in pre-labeled jars, stored on ice, and shipped to SGS/Paradigm Analytical Laboratories Inc. (SGS) in Wilmington, North Carolina (NC Lab Certification #481). The laboratory analyzed the samples for total petroleum hydrocarbons per EPA Methods 5030 (TPH-GRO) and 3550 (TPH-DRO).

Soil sample results (SWN01 and SWN02) showed that the western excavation sidewall did not contain petroleum hydrocarbons above laboratory quantitation limits. The southern most excavation limit, which bordered the pump station, was also free of contamination. The two soil samples that were analyzed from within the pump station (P-01 and P-02), however, showed

petroleum hydrocarbons above NCDENR action levels of 10 mg/kg and 40 mg/kg for TPH-GRO and TPH-DRO, respectively. Further soil excavation in the vicinity of the pump station, however, is not feasible at this time due to the potential for structural damage to the extensive amount of aboveground piping at the site.

Initial confirmation soil samples, SWE01 – SWE03, along the north sidewall showed additional excavation was needed at points SWE02 and SWE03. Additional soils were removed in these areas. Afterwards, a second set of confirmation samples, SB07 and SB11, were collected. Laboratory analysis shows no TPH GRO or DRO above NCDENR action levels at these locations. Soil sample SB05, also along the north sidewall near the northeast corner, is also below quantitation limits for petroleum hydrocarbons. Soil sample SB10 was taken along the northeast corner sidewall of the excavation. Laboratory results were also below quantitation limits in this sample.

The eastern sidewall of the excavation initially contained soil contamination above NCDENR action levels at sample locations SWW02, SWW03, and SWW04. Re-excavation was completed, and soil samples SB06 and SB12 were collected to confirm the removal of the contamination. Soil sample SB06 did not contain detectable levels of petroleum hydrocarbons; however, the SB12 sample location exhibited 386 mg/kg of TPH-DRO. This concentration is above the NCDENR action level of 40 ppm.

Groundwater quality was also assessed as part of Sovereign's fieldwork. A Type II groundwater monitoring well (USTCSFF-MW25) was installed in order to characterize the groundwater present in the excavation area. Samples were analyzed for EPA Methods 602 + MTBE + xylenes and 625 + TICs. Well installation occurred the week of July 17, 2006 with groundwater sampling occurring the week of July 31, 2006. Laboratory results show no 602 or 625 contaminants present above 2L standards. Only toluene was present in the groundwater sample at a concentration of 0.765 µg/L, as compared to the groundwater quality standard of 1,000 µg/L.

All laboratory results are summarized in Tables 1-3, and the analytical data can be found in Appendices B and C. The locations of the confirmation soil samples and groundwater monitoring well USTCSFF-MW25 are shown on Figures 3 and 4, respectively.

5.0 RECEPTOR SURVEY

A Risk Characterization form was completed for the CSFF UST incident, #23297. While DWQ/APS does not have risk based rules as of the preparation of this report, the form provides valuable information on the site in general, receptor impact, and the land use of the area surrounding the site. Sovereign reassessed site conditions and concluded that the receptor survey previously completed by CATLIN Engineers and Scientists, of Wilmington, North Carolina, in the May 2005 Remedial Action Optimization and Revised Corrective Action Plan report for incident #23297 still applies. There have been no changes in receptor impact, and there have been no changes to land use of the site or the surrounding areas. The survey is located within the historical information in Appendix A.

6.0 CONCLUSIONS AND RECOMENDATIONS

Based on fieldwork and laboratory analytical data gathered during the 2006 excavation and soil sampling event along with the subsequent groundwater sampling event, the following conclusions are presented:

1. Soil samples collected during EEI's 2005 initial soil removal action confirmed the presence of soil contamination above NCDENR action levels.
2. Sovereign conducted additional soil excavation activities at the CSFF location in June 2006. Approximately 1,100 tons of contaminated soil was removed and properly disposed. Groundwater was encountered during the excavation.
3. Sovereign took sidewall confirmation soil samples from the CSFF excavation area at approximate depths of 4.0-6.0 feet and analyzed them for TPH-DRO and TPH-GRO constituents.
4. Soil contaminants were below NCDENR action levels along the north, south, and west sidewalls, as well as the northeast corner of the excavation.
5. The eastern sidewall, however, exhibits TPH-DRO contamination above the NCDENR action level of 40 ppm at one location, SB12. Re-excavation of the sidewall in this area was not performed due to utility constraints.
6. Groundwater conditions were monitored at CSFF after remedial action implementation. A new Type II monitoring well, USTCSFF-MW25, was installed and sampled in July 2006. A groundwater sample was collected for groundwater analysis per EPA Methods 602 + MTBE + xylenes and 625 + TICs to assess groundwater quality in the area of the 2005 petroleum release. Laboratory results show no 602 or 625 contaminants present above 2L standards. Only toluene was present in the groundwater sample at a concentration of 0.765 J µg/L as compared to the groundwater quality standard of 1,000 µg/L.

Excavation activities were successful in removing soil contamination from the site along the northern, western, and southern sidewalls of the excavation. Soil contaminants are still present, however, along east sidewall, as well as within the pumping station area. Excavation activities were restricted in these directions due to the presence of aboveground structures and underground utilities. As a result of the remaining contamination, Sovereign recommends MCB Camp Lejeune conduct additional soil excavation in the vicinity of SB12 to remove any remaining vadose zone contamination in the localized area. Confirmation soil samples, per EPA Methods 5030 and 3550, should be taken to ensure contaminant removal. Results of the excavation should be summarized and provided in an addendum report.

Additional soil removal is required in the pumping station area and should be conducted when facility upgrades are performed in 2008. In the interim, NCDENR could require a comprehensive site assessment to further investigate contaminant levels at the site.

7.0 REFERENCES

AH Environmental Consultants, *Final Report, Wellhead Protection Plan – 2002 Update, Marine Corps Base, Camp Lejeune*, August 2002.

Catlin Engineers and Scientists, *Remedial Action Optimization and Revised Corrective Action Plan, Campbell Street Fuel Farm, Marine Corps Air Station New River, North Carolina*, May 9, 2005.

Catlin Engineers and Scientists, *Remedial Action Optimization and Revised Corrective Action Plan Addendum Report, Campbell Street Fuel Farm, Marine Corps Air Station New River, North Carolina*, February 22, 2006.

Engineering and Environment, Inc., *Soil Contamination Report, Campbell Street Fuel Farm Site, Marine Corps Air Station New River, North Carolina*, September 22, 2005.

Sovereign Consulting Inc., *FINAL Annual Groundwater Monitoring Report 2005-2006, Campbell Street Fuel Farm, NCDENR Incident Number: 23297, Marine Corps Air Station, New River, North Carolina*, June 19, 2006.

TABLES

TABLE 1
SUMMARY OF SOIL SAMPLING RESULTS
Incident Number and Name: Campbell Street Fuel Farm, 87537
Facility ID#: N/A

Analytical Method: EPA Method 5030 and 3550

Sample ID (sidewall samples)	Contaminant of Concern →			TPH-GRO	TPH-DRO
	Comment	Date Collected (mm/dd/yy)	Sample Depth (ft BGS)		
USTCSFF-SB01	South Sidewall	6/20/2006	4-6	BQL	BQL
USTCSFF-SB02	Not submitted	6/20/2006	0-5	Elevated PID readings; Not submitted for analysis since within the excavation	
USTCSFF-SB03	Not submitted	6/20/2006	0-5	0.0 PID for each one foot interval; Not submitted for analysis	
USTCSFF-SB04	Not submitted	6/20/2006	0-5	0.0 PID for each one foot interval ; Not submitted for analysis	
USTCSFF-SB05	North Sidewall; after re-excavation of SB02 and SB08 areas	6/27/2006	4-6	BQL	BQL
USTCSFF-SB06	East Sidewall; after re-excavation of SWW03 and SWW04 areas	6/27/2006	4-6	BQL	BQL
USTCSFF-SB07	North Sidewall; after re-excavation of SWE03	6/27/2006	4-6	BQL	14.5
USTCSFF-SB08	Not submitted	6/20/2006	0-5	Elevated PID readings; Not submitted for analysis since within the excavation	
USTCSFF-SB10	Northeast corner Sidewall	8/24/2006	3	BQL	BQL
USTCSFF-SB11	North Sidewall; after re-excavation of SWE02	8/24/2006	3	BQL	9.04
USTCSFF-SB12	East Sidewall; after re-excavation of SWW02	8/24/2006	2.75	BQL	386
USTCSFF-SWN01	West Sidewall	6/21/2006	4-6	BQL	BQL
USTCSFF-SWN02	West Sidewall	6/21/2006	4-6	BQL	BQL
USTCSFF-SWW01	East Sidewall	6/21/2006	4-6	BQL	BQL
USTCSFF-SWW02	East Sidewall	6/21/2006	4-6	11.7	170
USTCSFF-SWW03	East Sidewall	6/21/2006	4-6	12.6	75.8
USTCSFF-SWW04	East Sidewall	6/22/2006	4-6	116	BQL
USTCSFF-SWW05 (SB09)	East Sidewall	6/22/2006	4-6	BQL	33.2
USTCSFF-SWE01	North Sidewall	6/21/2006	4-6	BQL	18.5
USTCSFF-SWE02	North Sidewall	6/21/2006	4-6	75.5	117
USTCSFF-SWE03	North Sidewall	6/21/2006	4-6	151	972
USTCSFF-P01	Within Pump Station	6/22/2006	2.0	37.3	97.8
USTCSFF-P02	Within Pump Station	6/22/2006	3.5	31.6	67.6
NCDENR Action Level (mg/kg)				10	40

- MSCC = maximum soil contamination concentration
- ft. BGS = feet below ground surface
- Results reported in mg/kg
- mg/kg = milligrams per kilogram
- **BOLDED** = detected concentration
- **BOLDED** and **shaded** = detected concentration above NCDENR action level.

TABLE 2
SUMMARY OF GROUNDWATER SAMPLING RESULTS
Incident Number and Name: Campbell Street Fuel Farm, 87537
Facility ID#: N/A

Analytical Method: EPA Method 602 + MTBE + xylenes

Contaminant of Concern			Benzene	Diisopropyl ether (DIPE)	Ethylbenzene	Methyl-tert butyl ether (MTBE)	Toluene	Total Xylenes
Well ID	Sample ID	Date Collected						
USTCSFF- MW25	USTCSFF- MW25	8/2/2006	<1.00	<1.00	<1.00	<2.00	0.765J	<2.00
2L Standard (µg/l)			1	70	550	200	1,000	530

- All results reported in µg/l
- µg/L =micrograms per liter
- BQL = Below Quantitation Limits
- **BOLDED** = detected concentration
- J = detected below the quantitation limit

Table 3
SUMMARY OF GROUNDWATER SAMPLING RESULTS
Incident Number and Name: Campbell Street Fuel Farm, 87537
Facility ID#: N/A

Analytical Method: EPA Method 625 plus 10 largest TICS¹

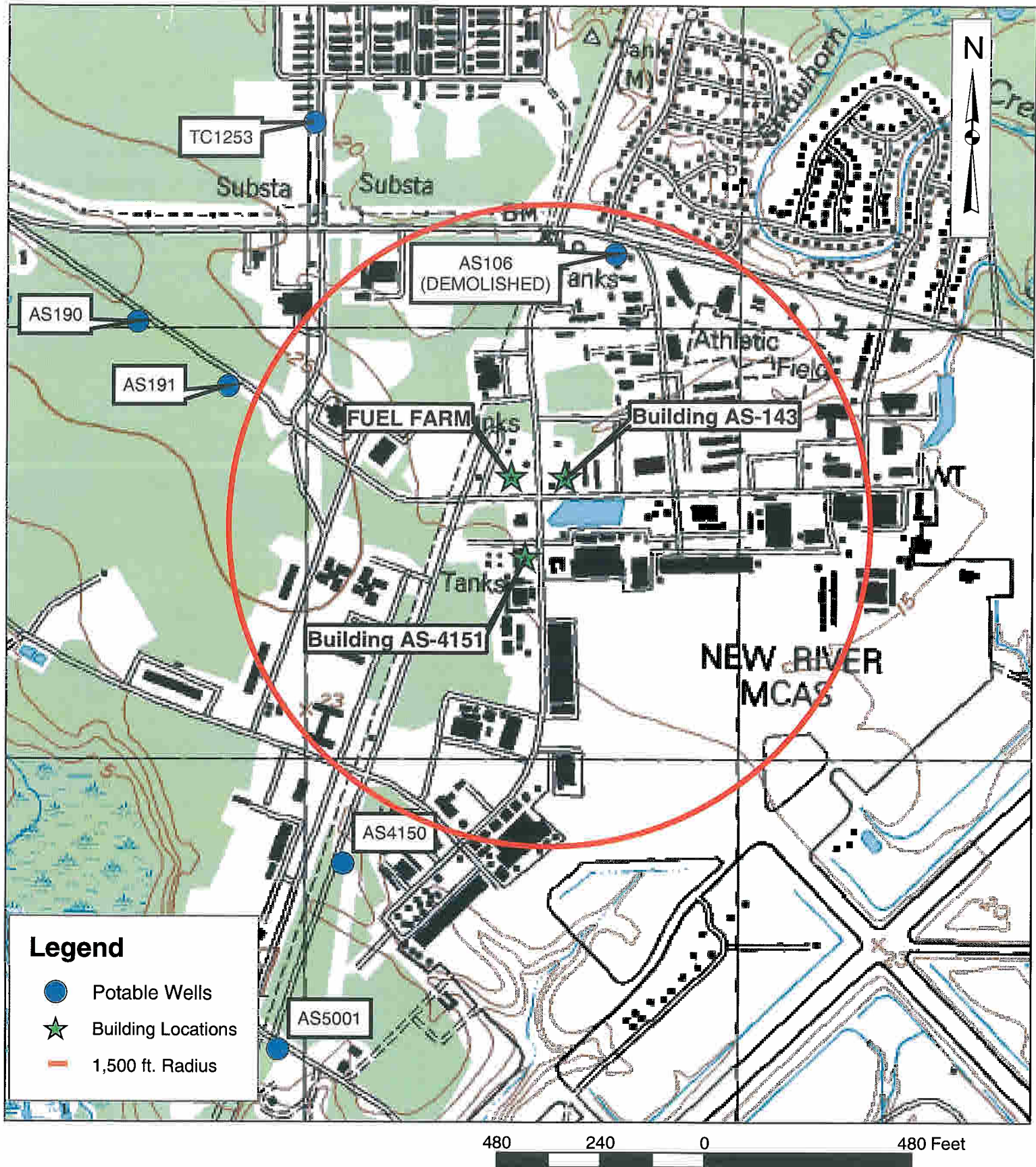
Contaminant of Concern			All Analytes ¹
Well ID	Sample ID	Date Collected	
USTCSFF-MW25	USTCSFF-MW25	8/2/2006	BQL
2L Standard (µg/l)			Varies

- ¹ Note – TICS identified include an unknown and propylbenzene at concentrations of 22.8µg/L and 19.2 µg/L, respectively.
- All results reported in µg/l
- µg/L =micrograms per liter
- BQL = Below Quantitation Limits; see lab report for specific quantitation limits

TABLE 4
WELL CONSTRUCTION INFORMATION
Incident Number and Name: Campbell Street Fuel Farm, 87537
Facility ID#: N/A

Well ID	Date Installed (mm/dd/yy)	Date Water Level Measured (mm/dd/yy)	Well Casing Depth (ft. BGS)	Screened Interval (x to y ft. BGS)	Bottom of Well (ft. BGS)	Top of Casing Elevation (ft.)	Depth to Water from Top of Casing (ft.)	Free Product Thickness (ft.)	Groundwater Elevation (ft.)
USTCSFF-MW25	7/19/2006	7/19/2006	3	3-18	18	19.28	6.95	N/A	12.33

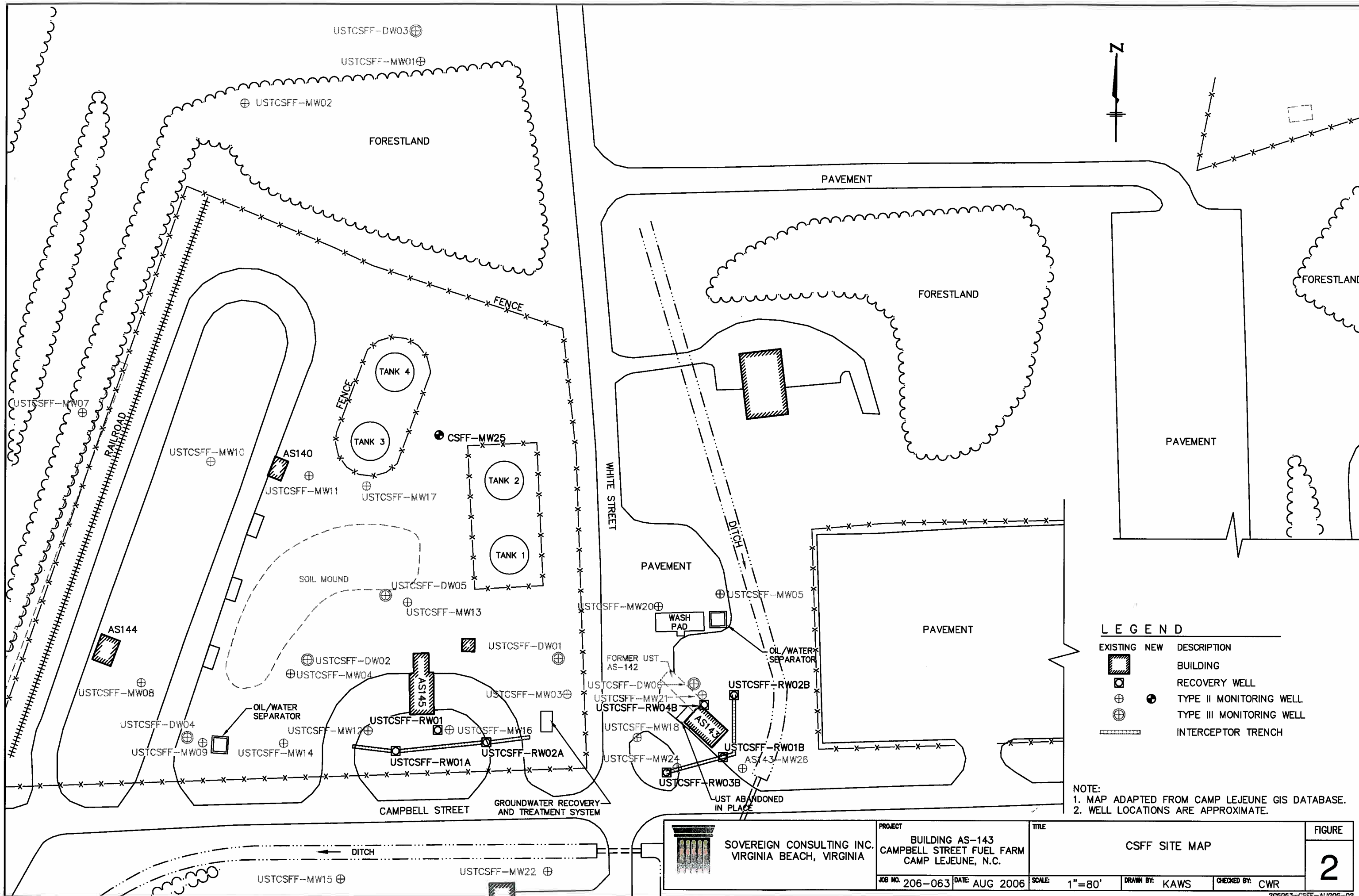
FIGURES



From: USGS Jacksonville South, NC. Topographic Quadrangle (Dated 1997)

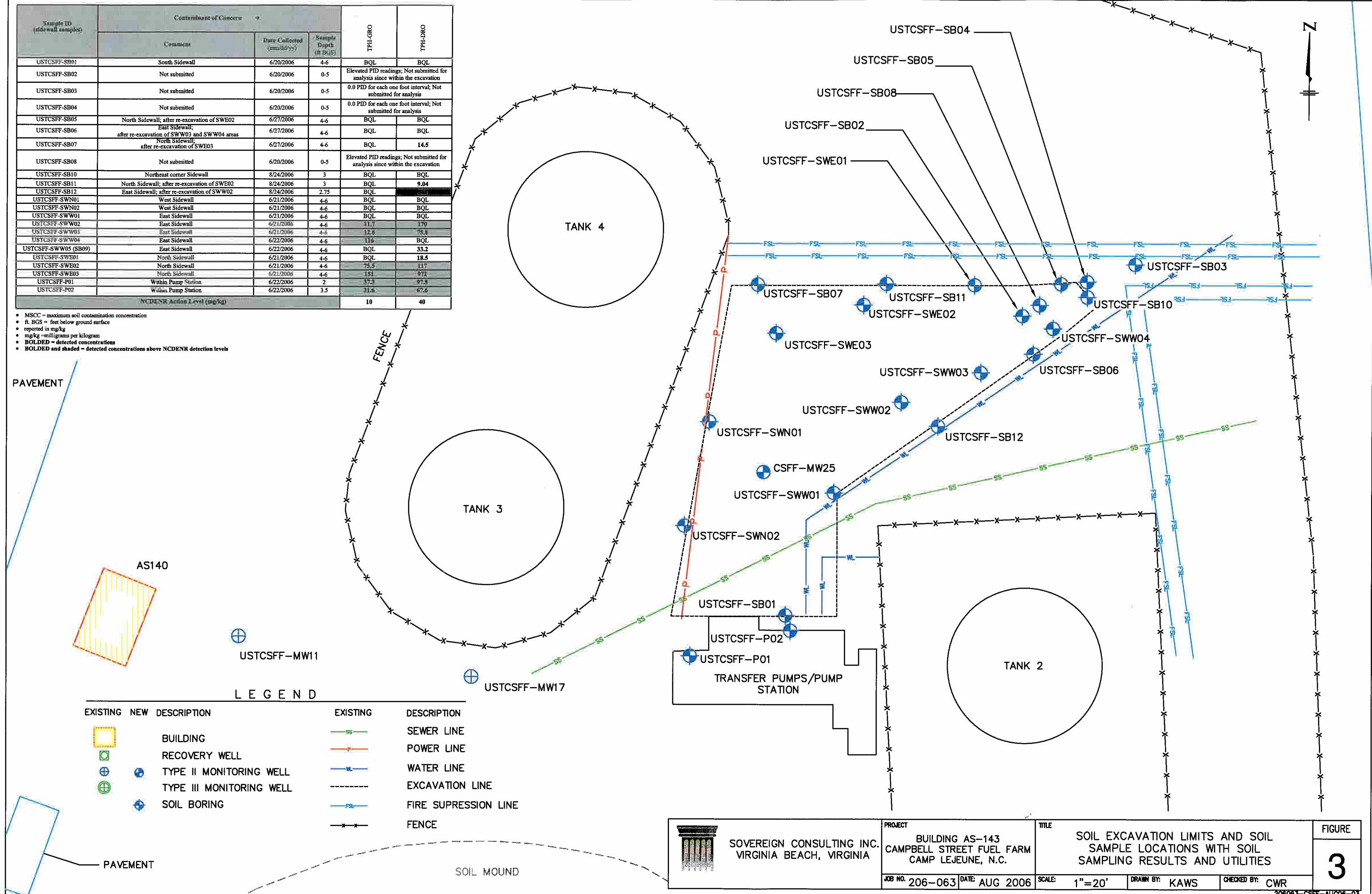
SCALE

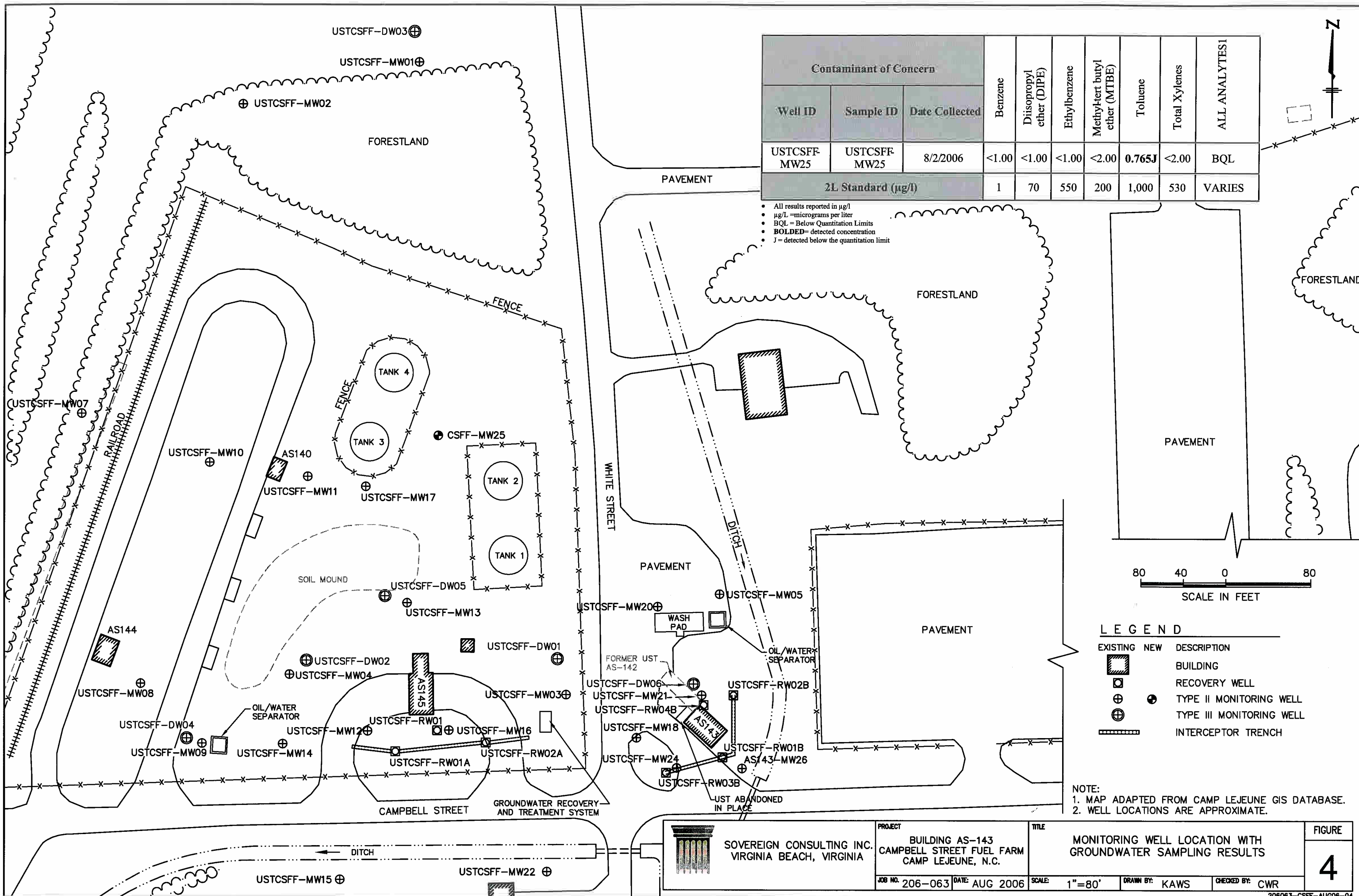
 SOVEREIGN CONSULTING INC. VIRGINIA BEACH, VIRGINIA	PROJECT CAMPBELL STREET FUEL FARM CAMP LEJEUNE, N.C.		TITLE GENERAL VICINITY TOPOGRAPHIC SITE MAP		FIGURE 1
	JOB NO. 206-063	DATE AUG 2006	SCALE 1"=500'	DRAWN BY KAWS	CHECKED BY CWR



Sample ID (sidewall samples)	Contaminant of Concern			TPH-GRO	TPH-DRO
	Contaminant	Date Collected (mm/dd/yy)	Sample Depth (ft BGS)		
USTCSFF-SB01	South Sidewall	6/20/2006	4-6	BQL	BQL
USTCSFF-SB02	Not submitted	6/20/2006	0-5	Elevated PID readings; Not submitted for analysis since within the excavation	
USTCSFF-SB03	Not submitted	6/20/2006	0-5	0.0 PID for each one foot interval; Not submitted for analysis	
USTCSFF-SB04	Not submitted	6/20/2006	0-5	0.0 PID for each one foot interval; Not submitted for analysis	
USTCSFF-SB05	North Sidewall; after re-excavation of SWE02	6/27/2006	4-6	BQL	BQL
USTCSFF-SB06	East Sidewall; after re-excavation of SWW03 and SWW04 areas	6/27/2006	4-6	BQL	BQL
USTCSFF-SB07	North Sidewall; after re-excavation of SWE03	6/27/2006	4-6	BQL	14.5
USTCSFF-SB08	Not submitted	6/20/2006	0-5	Elevated PID readings; Not submitted for analysis since within the excavation	
USTCSFF-SB10	Northeast corner Sidewall	8/24/2006	3	BQL	BQL
USTCSFF-SB11	North Sidewall; after re-excavation of SWE02	8/24/2006	3	BQL	9.04
USTCSFF-SB12	East Sidewall; after re-excavation of SWW02	8/24/2006	2.75	BQL	8.89
USTCSFF-SWN01	West Sidewall	6/21/2006	4-6	BQL	BQL
USTCSFF-SWN02	West Sidewall	6/21/2006	4-6	BQL	BQL
USTCSFF-SWW01	East Sidewall	6/21/2006	4-6	BQL	BQL
USTCSFF-SWW02	East Sidewall	6/21/2006	4-6	11.7	170
USTCSFF-SWW03	East Sidewall	6/21/2006	4-6	12.6	78.8
USTCSFF-SWW04	East Sidewall	6/22/2006	4-6	11.6	BQL
USTCSFF-SWW05 (SB09)	East Sidewall	6/22/2006	4-6	BQL	33.2
USTCSFF-SWE01	North Sidewall	6/21/2006	4-6	BQL	18.5
USTCSFF-SWE02	North Sidewall	6/21/2006	4-6	75.5	117
USTCSFF-SWE03	North Sidewall	6/21/2006	4-6	151	972
USTCSFF-P01	Within Pump Station	6/22/2006	2	37.3	97.8
USTCSFF-P02	Within Pump Station	6/22/2006	3.5	21.6	67.6
NCDEMR Action Level (mg/kg)				10	40

- MSCC = maximum soil contamination concentration
- ft. BGS = feet below ground surface
- reported in mg/kg
- mg/kg = milligrams per kilogram
- **BOLDED** = detected concentrations
- **BOLDED and shaded** = detected concentrations above NCDEMR detection levels





APPENDIX A

HISTORICAL SOIL AND GROUNDWATER DATA AND FIGURES

Soil Contamination Report
(for Petroleum Releases Only)

Inc# 87537

A. Site Identification

DATE OF REPORT: 22 September 2005

Site Name: Campbell Street Fuel Farm

Nearest City/Town: MCAS, New River

County: Onslow

UST Owner: Commanding General

Address: PSC Box 20004, MCB, Camp Lejeune, NC 28542

Phone: 910-451-9660

UST Operator: MCAS New River Fuels Officer

Address: Bldg AS148, White Street

Phone: 910-449-6694

Release Information

Date Discovered: 15 August 2005

Latitude: 34° 43' 13" N

Longitude: 77° 27' 09" W

Estimated Quantity of Release: 200 Gallons

Cause of Release: Sample port left open when delivery was made to Tank 2

Source of Release (Piping/UST): Piping

Sizes and contents of Aboveground Storage Tank (AST) system(s) from which the release occurred):

Tank 2: 215,000 Gallons

Complete and include as Attachments items B through E in the order listed.

I, William Carl Morris, Jr., a Professional Engineer/Licensed Geologist (circle one) for Engineering and Environment, Inc. (EEI), do certify that the information contained in this report is correct and accurate to the best of my knowledge.

William Carl Morris, Jr.
9-22-05

(Please Affix Seal and Signature)

B. Site Investigation

1. Describe all soil sampling performed to date (use maps and tables whenever possible) and include:
 - ☐ location of soil samples;
 - ☐ type of soil samples (from excavation, borehole, geoprobe, etc.);
 - ☐ Complete and attach Table 3.

Soil samples were collected from the sidewalls of the excavation advanced on 16 and 17 August 2005. A total of four samples were collected. The attached Figure 2 illustrates the approximate limits of the excavation, soil sample locations, soil sample depths, and soil sample analytical results. The attached Table 3 summarizes the soil sample analytical results.

2. Describe any groundwater sampling performed to date. Use maps and tables whenever possible and include:
 - ☐ location of groundwater samples/monitoring wells/water supply wells;
 - ☐ Complete and attach Table 4.

Groundwater samples were not collected as part of this investigation. Several monitoring wells exist at the site; wells located in the immediate vicinity of the excavation are illustrated on Figure 2. Recent groundwater quality data from nearby wells are summarized in the attached Table 4.

3. Describe any excavation, treatment and/or disposal of contaminated soil.

Late on 15 August 2005, a fuel sample port was discovered in an open position, from which an estimated 200 gallons of JP-5 jet fuel reportedly was released prior to the discovery and subsequent closing of the port. EEI received notification of the release the morning of 16 August and mobilized to the site that morning.

Excavation activities were initiated the afternoon of 16 August 2005 and continued uninterrupted into the early morning of 17 August 2005. Soils were excavated using a small backhoe. Horizontal excavation limits corresponded to an area where ground surface appeared visually stained. Vertically, the excavation was extended to a depth of approximately four feet below ground surface (bgs) throughout most of the area, corresponding to the maximum reach of the backhoe, and a depth at which little or no visible staining was evident on the base of the excavation. At the north end of the excavation, the base of the excavation was sloped from approximately four feet bgs upwards to ground surface. Along the east-central portion of the area, excavation was conducted to a depth of approximately two-feet bgs as site structures limited the access and reach of the backhoe. In the southern portion of the area, a concrete pad was present, and surface material (approximately four inches of gravel) was removed with shovels, exposing hard-packed soil overlying the pad; the pad was not disturbed during the activities. Figure 2 illustrates the approximate extent of the excavation, including estimated depths of the excavation.

Excavated soils were stockpiled at the site and placed on plastic sheeting, then covered with plastic sheeting. Sand bags were used to secure the sheeting to limit exposure of the stockpiled soil. An estimated 30 cubic yards of soil were excavated and stockpiled.

Upon completion of the excavation, four soil samples were collected from the base and sidewalls of the excavation (Figure 2). Samples were collected with a steel-bladed shovel; larger, relatively undisturbed soil clumps from the shovel blade were packed in laboratory-supplied sample containers. Samples were labeled, placed in an iced cooler, and transported under chain-of-custody by EEI directly to Paradigm Analytical Laboratories, Inc.'s Wilmington, North Carolina facility. All samples were analyzed for Gasoline Range Organics and Diesel Range Organics under an expedited (24-hour) turn-around basis. Soil sample analytical results are summarized in Table 3; the laboratory analytical report is included as an attachment.

The shovel used to collect the soil samples was decontaminated before first use and between each use. Decontamination included washing the shovel blade in a solution of potable water and Liquinox (a laboratory grade detergent), rinsing in potable water, and final rinsing in deionized water.

Once soil sampling had been completed, the excavation was backfilled with clean soil. As soil was placed into the excavation, it was compacted by tamping the soil with the backhoe bucket and repeatedly driving the backhoe over the emplaced soil. Backfilling was conducted until the soil level approximately matched the surrounding ground

surface level. Sod was placed over the backfilled soil. Clean gravel was placed above the concrete pad in the southern portion of the area.

C. Figures

- ☐ 7½ minute United States Geographical Survey (USGS) topographic quadrangle map (copy) with site location identified and showing an area within 1,500-foot radius of source of release.
- ☐ Site map with Aboveground Storage Tank (AST) system location(s) including piping and pump islands, site boundaries, buildings, named roads, subsurface utilities, basements, adjacent properties, and any on-site water supply well, ditches, or adjoining surface waters.
- ☐ Site map showing the results of all soil sampling conducted. Indicate sample identifications, sample locations, sampling depths, and analytical results.
- ☐ Site map showing the results of all groundwater sampling conducted. Indicate sample identifications, sample locations/monitoring well identifications, and analytical results.

Figure 1 presents the site location overlain on a USGS topographic map. A circle of 1,500-foot radius centered on the site is included on the figure. No active water supply wells are present within 1,500 feet of the site (Remedial Action Optimization and Revised Corrective Action Plan, Campbell Street Fuel Farm, Marine Corps Air Station New River, North Carolina, 9 May 2005, Catlin Engineers and Scientists).

Figure 3 identifies relevant site structures (e.g., AST systems, buildings, roads, etc.). There are no water supply wells at the site.

Figure 2 identifies the approximate limits of the excavation. Soil sample locations and depths are presented on the figure.

Figure 3 presents the location of nearby existing monitoring wells. Groundwater samples were not collected as part of this investigation.

NOTE: *If possible, use a single base map to prepare site plans using a map scale of 1 inch = 40 feet (or a smaller scale for large sites, if necessary). Maps and figures should include conventional symbols, notations, labeling, legends, scales, and north arrows and should conform to generally accepted practices of map presentation such as those enumerated in the USGS Geological Survey pamphlet, "Topographic Maps."*

D. Tables

- ☐ Site history (Tables 1 and 2);
- ☐ Soil sampling results (Table 3); and
- ☐ Groundwater sampling results (Table 4).

Tables 1 and 2 respectively provide construction and ownership data for the ASTs.

Table 3 summarizes laboratory results for soil samples collected as part of this investigation.

Groundwater samples were not collected as part of this investigation. Available recent groundwater quality data for several existing monitoring wells located near the excavation are included in Table 4.

E. Other Information

- ☐ Boring logs and lithologic descriptions;
- ☐ Well construction records (Table 5);
- ☐ Field measurements (e.g., pH, dissolved oxygen, specific conductivity, temperature) made during groundwater sampling;
- ☐ Standard procedures used for sampling, field equipment decontamination, field screening, etc.;
- ☐ Disposal manifests; and
- ☐ Laboratory reports and chain-of-custody documents.

A lithologic log was not maintained during the excavation activities.

Available well construction records for existing monitoring wells located near the excavation are included in Attachment A. Table 5 summarizes the monitoring well construction data.

Groundwater sampling was not conducted during this investigation.

Methods employed during the investigation are described above.

Excavated soil was stockpiled at the site. Soil removal was not conducted as part of this investigation.

The laboratory report and chain-of-custody are included in Attachment B.

FIGURES

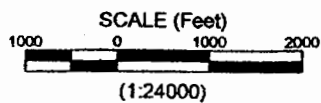
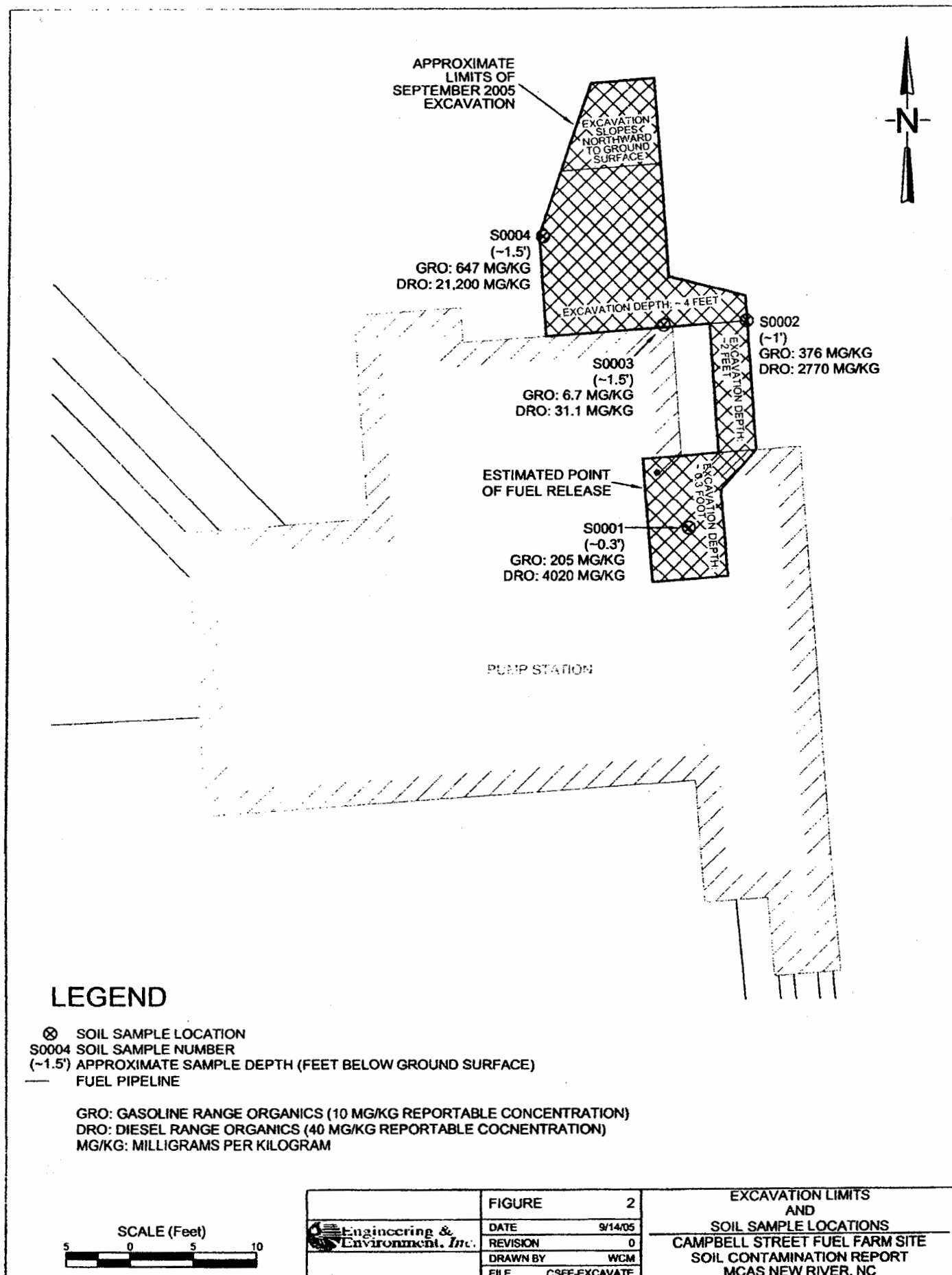


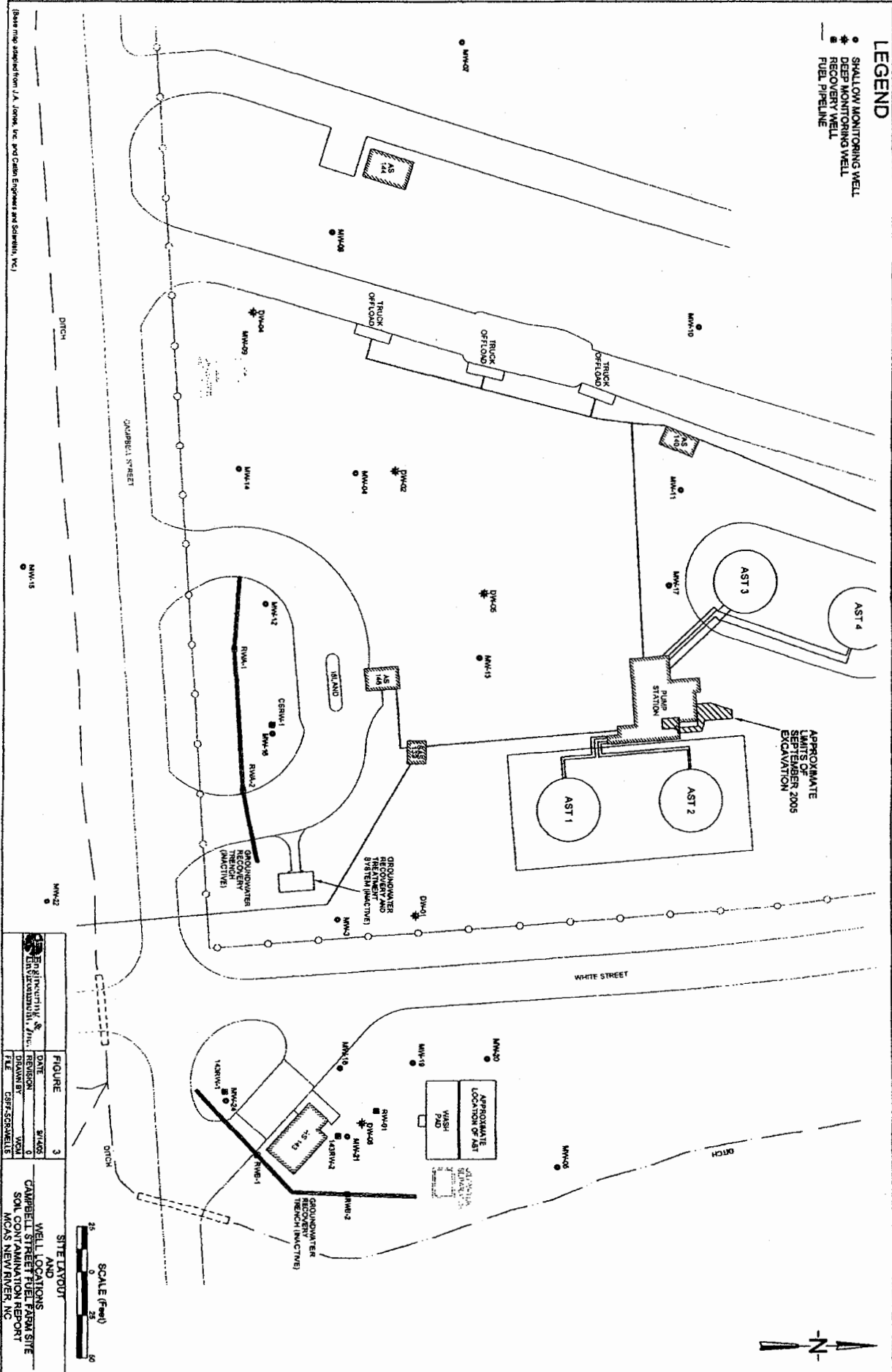
	FIGURE	1
 Engineering & Environment, Inc.	DATE	9/14/05
	REVISION	0
	DRAWN BY:	AER
	FILE	CSFF-SCR-TOPO

**CAMPBELL STREET FUEL FARM SITE
SOIL CONTAMINATION REPORT
MCAS NEW RIVER, NC**



LEGEND

- SHALLOW MONITORING WELL
- ★ DEEP MONITORING WELL
- RECOVERY WELL
- FUEL PIPELINE



(Base map adapted from J.A. Johnson, Inc. and Cash Engineering and Surveying, Inc.)

DATE	FIGURE	WELL LOCATIONS
9/15/05	3	CAMPBELL STREET FUEL PUMP SITE
REVISION		SOL CONTAMINATION REPORT
DATE		NOVA NEW RIVER, INC.
FILE		0575300013

TABLES

Table 1
Summary of Above Ground Storage Tank Construction Data
Campbell Street Fuel Farm

AST ID Number	Product Type	Capacity (gallons)	Date Installed	Date Permanently Closed (P) or Still in Use (C)	Release Associated with AST System? (Yes/No)
1	JP-5	215,500	1985	C	No
2	JP-5	215,500	1985	C	Yes*
3	JP-5	215,500	1985	C	No
4	JP-5	215,500	1985	C	No

* Release occurred at a fuel sample port installed on piping connected to the tank
AST: Aboveground storage tank

Table 2
Summary of Above Ground Storage Tank Ownership Data
Campbell Street Fuel Farm

AST ID Number	Name of Owner or Operator	Dates of Ownership / Opertaion	Owner or Operator?
1	Commanding General, MCB Camp Lejeune, North Carolina	1985 to Present	Owner
2	Commanding General, MCB Camp Lejeune, North Carolina	1985 to Present	Owner
3	Commanding General, MCB Camp Lejeune, North Carolina	1985 to Present	Owner
4	Commanding General, MCB Camp Lejeune, North Carolina	1985 to Present	Owner

AST: Aboveground storage tank

Table 3
Summary of Laboratory Analyses for Soil
Campbell Street Fuel Farm
17 August 2005

Sample Identification	Approximate Sample Depth (ft bgs)	Gasoline Range Organics (mg/kg)	Diesel Range Organics (mg/kg)
S001	0.3	205	4,020
S002	1.0	376	2,770
S003	1.5	6.7	31.1
S004	1.5	647	21,200
Reportable Concentration		10	40

ft bgs: feet below ground surface

mg/kg: milligrams per kilogram

Shading indicates sample concentration exceeds reportable concentration

Table 4
Summary of Laboratory Analyses for Groundwater
Campbell Street Fuel Farm
June 2005

Sample Location	NCGWQS	MW-03	MW-11	MW-12	MW-14	MW-16	MW-21	MW-24	DW-02	DW-06
Date Sampled		06/22/05	06/22/05	06/22/05	06/22/05	06/22/05	06/21/05	06/21/05	06/22/05	06/21/05
EPA 602 (ug/L)										
Benzene	1	<1.0	<1.0	<1.0	<1.0	49.6	58.4	130	<1.0	<1.0
Ethylbenzene	29	<1.0	<1.0	<1.0	<1.0	7.0	4.3	45.3	<1.0	<1.0
Toluene	1000	<1.0	<1.0	0.71 J	<1.0	<1.0	2.8	15.6	<1.0	<1.0
Xylenes (total)	530	<3.0	<3.0	<1.0	<3.0	20.4	7.3	182	<3.0	<3.0
Methyl Tert Butyl Ether	200	<1.0	<1.0	<1.0	<1.0	<1.0	139 E	21.1	<1.0	<1.0
Total BTEX	ND	ND	ND	0.71	ND	77.0	72.8	372.9	ND	ND
EPA 610 (ug/L)										
Acenaphthene	80	NA	NA	NA	NA	NA	NA	NA	12.9	<5.1
Acenaphthylene	210	NA	NA	NA	NA	NA	NA	NA	<5.0	<5.1
Anthracene	2100	NA	NA	NA	NA	NA	NA	NA	<5.0	<5.1
Benzo(a)anthracene	0.05	NA	NA	NA	NA	NA	NA	NA	<5.0	<5.1
Fluoranthene	280	NA	NA	NA	NA	NA	NA	NA	<5.0	<5.1
Fluorene	280	NA	NA	NA	NA	NA	NA	NA	10.7	<5.1
1-Methylnaphthalene	RL	NA	NA	NA	NA	NA	NA	NA	<5.0	<5.1
2-Methylnaphthalene	14	NA	NA	NA	NA	NA	NA	NA	<5.0	<5.1
Naphthalene	21	NA	NA	NA	NA	NA	NA	NA	18.8	<5.1
Phenanthrene	210	NA	NA	NA	NA	NA	NA	NA	<5.0	<5.1
Pyrene	210	NA	NA	NA	NA	NA	NA	NA	<5.0	<5.1
EPA 504.1 (ug/L)										
1,2-Dibromoethane	RL	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020

mg/L: micrograms per liter

<#: not detected at the indicated reporting limit

J: estimated concentration less than reporting limit

E: Concentration exceeds calibration range

NA: Not Analyzed; constituent not included in analytic suite

ND: Not detected; no benzene, toluene, ethylbenzene, or xylene isomers were detected

RL: Reporting Limit, no NCGWQS established for the constituent; therefore, the NCGWQS for the constituent is the reporting limit

NCGWQS: North Carolina Groundwater Quality Standard

Bold type indicates detectable concentrations.

Shaded area indicates detectable concentration above the NCGWQS

Table 5
Summary of Monitoring Well Construction Details and
Gauging Data for 5 August 2005 Laboratory Analyses for Groundwater
Campbell Street Fuel Farm

Well Number	Date Installed	Outer Casing Depth (ft bgs)	Inner Casing Depth (ft bgs)	Screened Interval (ft bgs)	Total Well Depth (ft bgs)	Top of Casing Elevation (ft msl)	Depth to Water (ft btoc)	Depth to Product (ft btoc)	Product Thickness (ft)	Groundwater Elevation* (ft msl)
MW-03	12/12/91	n/a	4.0	4.0 to 13.8	14.0	21.69	6.00	NP	NP	15.69
MW-04	12/13/91	n/a	4.0	4.0 to 13.8	14.0	22.77	nm	nm	nm	nm
MW-05	12/12/91	n/a	5.3	5.3 to 14.7	15.1	23.85	nm	nm	nm	nm
MW-07	12/13/91	n/a	4.0	4.0 to 13.8	14.0	21.04	nm	nm	nm	nm
MW-08	11/19/92	n/a	2.9	2.9 to 12.4	13.0	20.45	nm	nm	nm	nm
MW-09	11/19/92	n/a	3.9	3.9 to 13.5	14.0	20.45	5.23	NP	NP	15.22
MW-10	11/19/92	n/a	4.9	4.9 to 14.4	15.0	21.17	6.10	NP	NP	15.07
MW-11	11/18/92	n/a	5.9	5.9 to 15.5	16.0	22.03	6.00	NP	NP	16.03
MW-12	11/19/92	n/a	3.9	3.9 to 13.5	14.0	21.41	6.53	NP	NP	14.88
MW-13	11/20/92	n/a	4.9	4.9 to 14.5	15.0	22.80	nm	nm	nm	nm
MW-14	11/20/92	n/a	3.1	3.1 to 12.6	13.0	20.07	5.32	NP	NP	14.75
MW-15	11/21/92	n/a	5.9	5.9 to 15.4	16.0	21.08	4.93	NP	NP	16.15
MW-16	11/20/92	n/a	4.9	4.9 to 14.5	15.0	21.45	5.02	NP	NP	16.43
MW-17	11/20/92	n/a	3.2	3.2 to 12.7	13.0	22.51	nm	nm	nm	nm
MW-18	11/22/92	n/a	3.1	3.1 to 12.7	13.0	18.69	nm	nm	nm	nm
MW-19	11/23/92	n/a	4.1	4.1 to 13.6	14.0	19.10	nm	nm	nm	nm
MW-20	11/23/92	n/a	4.6	4.6 to 14.1	14.5	19.40	nm	nm	nm	nm
MW-21	11/21/92	n/a	3.9	3.9 to 13.5	14.0	21.76	6.82	NP	NP	14.94
MW-22	11/23/92	n/a	2.9	2.9 to 12.5	13.0	21.69	4.95	NP	NP	16.74
MW-24	11/22/92	n/a	2.8	2.8 to 10.8	11.0	21.56	7.00	NP	NP	14.56
DW-01	12/19/92	20	25.0	25.0 to 29.8	30.0	20.79	nm	nm	nm	nm
DW-02	01/07/92	20	25.0	25.0 to 29.8	30.0	22.91	7.01	NP	NP	15.90
DW-04	11/22/92	41	45.6	45.6 to 50.4	51.0	21.07	nm	nm	nm	nm
DW-05	11/19/92	33	37.8	37.8 to 42.5	43.0	22.79	nm	nm	nm	nm
DW-06	12/02/92	32	37.3	37.3 to 42.0	42.5	22.83	7.08	NP	NP	15.75

ft: feet

ft bgs: feet below ground surface

ft btoc: feet below top of casing

ft msl: feet above/below mean sea level

n/a: not applicable; well was installed as a single-cased well

nm: not measured; the indicated location was not designated for gauging

NP: no present; measurable free product was not detected

* Groundwater elevations corrected for free product as needed by adding (0.8 x product thickness) to uncorrected groundwater elevation

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: CSFF-S001

Client Project ID: CSFF

Lab Sample ID: G546-50-1

Lab Project ID: G546-50

Report Basis: Dry Weight

Analyzed By: DCS

Date Collected: 8/17/05 12:45

Date Received: 8/17/05

Matrix: Soil

Solids 84.89

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	205	26.6	5035	5	08/18/05
Diesel Range Organics	4020	368	3545	50	08/18/05

Comments:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: CSFF-S002
Client Project ID: CSFF
Lab Sample ID: G546-50-2
Lab Project ID: G546-50
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 8/17/05 12:50
Date Received: 8/17/05
Matrix: Soil
Solids 79.85

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	376	29.5	5035	5	08/18/05
Diesel Range Organics	2770	155	3545	20	08/18/05

Comments:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: CSFF-S003
Client Project ID: CSFF
Lab Sample ID: G546-50-3
Lab Project ID: G546-50
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 8/17/05 12:55
Date Received: 8/17/05
Matrix: Soil
Solids 87.06

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	6.7	5.77	5035	1	08/18/05
Diesel Range Organics	31.1	7.14	3545	1	08/18/05

Comments:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: CSFF-S004

Analyzed By: DCS

Client Project ID: CSFF

Date Collected: 8/17/05 13:00

Lab Sample ID: G546-50-4

Date Received: 8/17/05

Lab Project ID: G546-50

Matrix: Soil

Report Basis: Dry Weight

Solids 84.70

Analyte	Result MG/KG	Report Limit MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	647	230	5035	50	08/18/05
Diesel Range Organics	21200	1840	3545	250	08/18/05

Comments:

**List of Reporting Abbreviations
and Data Qualifiers**

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of-Custody Record & Analytical Request

COC# 48236

Page 1 of 1

Client: ENSMERINA VEWANPHOT IN
Project ID: CSFE

Date: 8/17/05

Report To: B. J. Morris

Address: 824 Gum Branch Rd. Contact: Bill Morris

Turnaround: 24 HR

Address: Suite 5 - Jacksonville Phone: (910) 989-3814

Job Number: 010 0003

Quote #: _____ Fax: (910) 984-3344

P.O. Number:

Invoice To: Bj1) Merri's

[illegible]

ORIGINAL

Coming down to her

**SEE REVERSE FOR
TERMS AND CONDITIONS**

NC _____ SC _____ Other _____

2.0 SITE HISTORY

The CSFF project site is located along White Street aboard the MCAS, New River in Onslow County, North Carolina. The CSFF project site consists of two general areas: the Fuel Farm/Building AS-143 area and the Building AS-4151 area. Each area was treated as a separate site during the initial assessment activities. Currently, both areas are considered part of the CSFF project site. Herein, the project site is addressed as CSFF with the two identified areas within the CSFF project site. The Fuel Farm/Building AS-143 area is located at the north side of the intersection of White Street and Campbell Street. The Building AS-4151 area is located approximately 500 feet south of the intersection of White Street and Campbell Street along the western edge of White Street. The site vicinity of each area is presented on the attached Figures 1, 1A and 1B, respectively.

The Fuel Farm portion of the Fuel Farm/Building AS-143 area of the project site is an active fuel storage facility, which stores JP-5 fuel in four steel ASTs with capacities of 215,000 gallons each. These ASTs are connected by an aboveground fuel transfer line that enters a filter building before fuel is pumped to the flightline through an underground pipeline located along White Street. These ASTs replaced a system of eight USTs in 1985. The former USTs were reported to contain JP-5 fuel and aviation gasoline (AVGAS) and were of varying capacities ranging from unknown (two USTs) to 120,000 gallons. Seven of the eight USTs were excavated and removed, and one AVGAS UST was reportedly filled with sand and abandoned in place. The AVGAS UST filled with sand and abandoned in-place is reportedly located behind the filter building, the exact location is unknown. It is our understanding that E&E will attempt to locate this tank in the near future. A portion of the soil excavated during the removal of the former USTs was stockpiled on-site and has historically been identified as a soil mound. The approximate location of the soil mound is illustrated on the attached Figure 2A.

The Building AS-143 portion of the Fuel Farm/Building AS-143 area of the project site is an active gasoline fueling station that services only government-owned vehicles. (Refer to Figure 2A) The fueling station stores unleaded gasoline in an AST that was installed in March 2000. The existing AST replaced a 10,000-gallon, fiberglass UST in December 2000. The 10,000-gallon, fiberglass UST replaced a 10,000-gallon, steel UST in October 1994. The former USTs were properly abandoned and disposed of in 1994 and 2000. The approximate location of these former USTs and the associated excavation is illustrated in the attached Figure 2A. Upon removal of the UST in 2000, Law Engineering and Environmental Services, Inc. (LAW) performed a Phase I Limited Site Assessment (LSA). Based on the soil samples collected by LAW as part of the Phase I LSA activities, no laboratory analytical results were in excess of the applicable I/C MSCCs. A groundwater sample collected from the monitoring well installed during the Phase I LSA investigation, exhibited three compounds greater than the 2L GWQS. Therefore, a Phase II LSA investigation was completed by CATLIN to assess the groundwater contamination identified during the Phase I LSA. CATLIN concluded that No Further Action was required for this site because no soil contamination exists at the site in excess of the applicable MSCCs and no groundwater contamination was detected in excess of established GCLs.

An additional UST was removed from the Fuel Farm portion of the Fuel Farm/Building AS-143 area in May 2000. This UST, identified as UST AS-146, was a 5,000-gallon concrete tank that stored JP-5. The approximate location of this former UST is illustrated on Figure 2A. Upon removal of the UST, CATLIN performed a Phase I LSA dated August 2001 to characterize the cause, significance, and extent of possible groundwater and soil contamination from the former UST system. Based on the findings of this Phase I LSA, CATLIN concluded that the Building AS-146 UST meets the criteria for classification as Low Risk and requested a notification of "No Further Action".

Additionally, CATLIN was informed during a site visit on August 29, 2004 that a surface spill occurred at the Fuel Farm portion of the Fuel Farm/Building AS-143 area in August 2004. The spill consisted of an overflow of a manhole connected to the truck containment area. The surface area soils were excavated during the week of August 23, 2004. The approximate location of the excavation is illustrated on Figure 2A. Results from confirmatory samples taken will be submitted to the GWS under separate cover in the near future.

The Building AS-4151 area consists of a steam generating plant, three 100,000-gallon ASTs containing No. 6 fuel oil and one 1,000-gallon UST containing No. 2 fuel oil. The site reportedly also utilized a waste oil AST, which has been removed. The Building AS-4151 area is also transected by the JP-5 pipeline from the Fuel Farm/Building AS-143 area en route to the flightline. This pipeline, installed in 1985 replaced a former leaking JP-5 pipeline, which was abandoned in place. JA Jones completed the closure of the abandoned fuel line in October 2000.

Various site assessments were completed at the CSFF project site in the early 1990s identifying soil and groundwater petroleum contamination, and the presence of free-phase product. The contamination was reportedly due to leaks from the former USTs and associated piping at the Fuel Farm/Building AS-143 area and from the abandoned JP-5 pipeline that transected the Building AS-4151 area. The findings of the previous assessments have been summarized in reports submitted to NCDENR, Division of Waste Management, UST Section in the Wilmington Regional Office (WiRO). The results of these assessments were utilized in the preparation of one CAP for each area of the CSFF project site. Both CAPs were prepared by Baker and are dated July 1994.

The recommended remediation strategy for site restoration presented within the Fuel Farm/Building AS-143 area CAP was as follows:

- Excavation and ex-situ treatment of a portion of the previously identified soil mound.
- Installation of interceptor recovery trenches to recover contaminated groundwater. Sumps were to be located within the trenches to accumulate and remove groundwater from the trenches. The recovered groundwater was proposed to be treated by an oil/water separator, an air stripper and carbon adsorption prior to discharge to a drainage ditch.

The recommended remediation strategy for site restoration presented within the Building AS-4151 area CAP was as follows:

- Clean and abandon the JP-5 pipeline.
- Excavation and ex-situ treatment of a portion of the soils located beneath the JP-5 line area that transects the Building AS-4151 area.
- Installation of interceptor recovery trenches to recover contaminated groundwater. Sumps were to be located within the trenches to accumulate and remove groundwater from the trenches. The recovered groundwater was proposed to be treated by an oil/water separator, air stripper and carbon adsorption prior to discharge to the storm sewer.

The excavation and ex-situ treatment of the previously identified portion of the contaminated soils associated with the Fuel Farm and the area that transects the Building AS-4151 has not been completed

A pump and treat system was installed in 1996 to remediate contaminated groundwater recovered from interceptor trenches located on the Fuel Farm/Building AS-143 and Building AS-4151 areas. Please note that only one system was installed for both areas rather than two systems as proposed within the CAPs. The location of these interceptor trenches and the remediation system are provided on the attached Figures 2A and 2B. The recovered groundwater was to be treated by an oil/water separator, air stripper and carbon adsorption prior to discharge to a drainage ditch located south of the remediation system building. In early 1999, extraction wells were added to the extraction system at both the Fuel Farm/Building AS-143 area and the Building AS-4151 area to enhance the removal of the contaminant mass from hot spots within the groundwater contaminant plumes.

A Remedial Action Operation Optimization Case Study Report dated January 2000 was prepared for the CSFF project site by Radian International. This report, referred to herein as the Radian Optimization Report, evaluated and assessed the on-going remedial action operation program at the CSFF project site as of mid-1999. Radian recommended discontinuing the operation of the pump and treat system at the CSFF project site and implementing the use of AFVR events for the remediation of hot spot groundwater contamination in conjunction with monitored natural attenuation (MNA), if applicable to site conditions, to reduce groundwater contamination to the meet the site rehabilitation goals. Radian also recommended that the groundwater monitoring program be modified. Radian did not recommend additional remedial actions for addressing soil contamination.

It is our understanding that from 1996 through March 2002, JA Jones operated, maintained and monitored the CSFF project site. Based on the recommendations proposed in the Radian Optimization Report, JA Jones discontinued groundwater recovery at the interceptor trenches in the vicinity of the Fuel Farm and Building AS-4151 on January 3, 2000. JA Jones reportedly continued to recover groundwater in the vicinity of Building AS-143 and treated through the implemented pump and treat system until they stopped monitoring and

maintenance activities in March 2002, due to an end to their contractual period. JA Jones reactivated the interceptor trench at Building AS-4151 in late February 2001 due to the presence of free-phase product.

Engineering & Environment, Inc. (E&E) has monitored and maintained the CSFF project site since early 2003. E&E has provided a portion of the 2003 and 2004 data referenced within this report. Shaw Environmental, Inc. (Shaw) prepared an Annual Monitoring Report dated January 2004 that documented JA Jones' activities between December 1996 and June 2002, which has also been referenced in preparation of this report. Shaw monitored and maintained the CSFF project site between operations by JA Jones and E&E.

As of this RAO & RCAP, groundwater recovery efforts continue in the vicinity of Building AS-143 and Building AS-4151. Please refer to Figures 2A and 2B for the location of the active and inactive recovery wells and interceptor trenches. AFVR techniques are currently being performed on an as needed basis when free-phase product thickness is measured to be equal to or greater than 0.1 feet in any of the monitoring or recovery wells. Free-phase product recovery absorbent socks have reportedly been used on occasion between AFVR events. However, an AFVR event has not been conducted since prior to when E&E began activities in early 2003 at the project site because no measurable amount of free-phase product has been observed.

2.1 CONCEPTUAL SITE MODEL (BASED ON RADIAN OPTIMIZATION REPORT)

As previously discussed, the remedial system installed consisted of one pump and treat system for both areas. The operation of this pump and treat system was modified on January 3, 2000 based on recommendations within the Radian Optimization Report. This conceptual site model was utilized in the development of the Radian Optimization Report.

2.1.1 Site Geology

The topography of the project site is relatively flat with drainage features across each area. Soils in the vicinity of the site have been documented to be intermingled layers of sand, silt, clay, shell and limestone. Generally, silts and clays are located within the near surface (2 to 10 feet BLS). Below this surficial material, a silty clay layer that grades to fine sand extends to an approximate depth of 40 feet BLS. Fine gravel, limy clay and shell fragments are reportedly present below the fine sand layer.

2.1.2 Site Hydrogeology

Radian reported that groundwater flow direction was predominately toward the south at the Fuel Farm, the east at Building AS-143 and toward the south and southeast at Building AS-4151. Depth to groundwater has historically

ranged from approximately 6 to 7 feet BLS at the Fuel Farm/Building AS-143 area and 3 to 4 feet at the Building AS-4151 area. Radian reported that according to the CAPs, an average hydraulic conductivity of 0.14 feet per day existed at the Fuel Farm/Building AS-143 area and 0.46 feet per day at the Building AS-4151 area. The average hydraulic conductivity was based on in-situ permeability tests performed by Baker and presented in the CAPs.

2.1.3 Potential Receptors

Radian reported that according to the CAPs, “no actual or potential human receptors to the contaminated media were identified, except workers facing potential occupational exposure to soil during site remediation.” Please note that the potential receptors as of the preparation of this RAO and RCAP report are discussed in Section 5.2.2 of this report.

2.1.4 Contaminants of Concern

The contaminants of concern reported within the Radian Optimization Report included the following:

- Free-phase product
- Soil contamination with the following site rehabilitation concentrations for TPH which are based on a Site Sensitivity Evaluation completed by Baker as part of the preparation of the each CAP:
 - Fuel Farm/Building AS-143 Area – 40 mg/kg
 - Building AS-4151 Area – 180 mg/kg.
- Groundwater contamination consisting of the following compounds and site rehabilitation concentrations (based on the 2L GWQS at that time):
 - Benzene – 1 µg/L
 - Ethylbenzene – 29 µg/L
 - Toluene – 1,000 µg/L
 - Xylenes (Total) – 530 µg/L
 - 1,4-Dichlorobenzene – 1.8 µg/L
 - Ethylene dibromide – 0.0004 µg/L
 - Acenaphthylene – 80 µg/L
 - Acenaphthylene – 210 µg/L
 - Fluorene – 280 µg/L
 - 1-Methylnaphthalene – Detection Limit
 - 2-Methylnaphthalene – 28 µg/L
 - Naphthalene – 21 µg/L

APPENDIX B

**LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTATION FROM
2006 SOIL SAMPLING EVENTS**



Mr. Chris Murray
Sovereign Consulting
606 Thimble Shoals Rd.
Suite A1
Newport-News VA 23606
Report Number: G650-62
Client Project: NV013

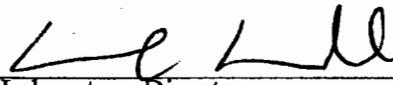
Dear Mr. Murray:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call SGS/Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS/Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
SGS/Paradigm Analytical Laboratories, Inc.

 6/23/06

Laboratory Director Date
J. Patrick Weaver

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SB01
Client Project ID: NV013
Lab Sample ID: G650-62-1
Lab Project ID: G650-62
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 6/20/2006 8:55
Date Received: 6/21/2006
Matrix: Soil
Solids 73.58

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.78	5035	1	06/22/06

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SWN01

Client Project ID: NV013

Lab Sample ID: G650-62-2

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: MJC

Date Collected: 6/21/2006 13:35

Date Received: 6/21/2006

Matrix: Soil

Solids 84.26

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.43	5035	1	06/22/06



Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: USTCSFF-SWN02
Client Project ID: NV013
Lab Sample ID: G650-62-3
Lab Project ID: G650-62
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 6/21/2006 13:45
Date Received: 6/21/2006
Matrix: Soil
Solids 80.05

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.82	5035	1	06/22/06

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SWW01

Client Project ID: NV013

Lab Sample ID: G650-62-4

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: MJC

Date Collected: 6/21/2006 13:55

Date Received: 6/21/2006

Matrix: Soil

Solids 72.35

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.34	5035	1	06/22/06

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SWW02

Client Project ID: NV013

Lab Sample ID: G650-62-5

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: MJC

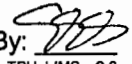
Date Collected: 6/21/2006 14:00

Date Received: 6/21/2006

Matrix: Soil

Solids 85.45

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	11.7	5.73	5035	1	06/22/06

Reviewed By: 

TPH_LIMS_v2.0

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SWW03

Client Project ID: NV013

Lab Sample ID: G650-62-6

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: MJC

Date Collected: 6/21/2006 14:05

Date Received: 6/21/2006

Matrix: Soil

Solids 80.00

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	12.6	5.32	5035	1	06/22/06

Reviewed By: 

TPH_LIMS_v2.0 06/24



Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: USTCSFF-CLEAN
Client Project ID: NV013
Lab Sample ID: G650-62-7
Lab Project ID: G650-62
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 6/21/2006 13:06
Date Received: 6/21/2006
Matrix: Soil
Solids 86.89

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.39	5035	1	06/22/06

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: CSFF-MB01

Client Project ID: NV013

Lab Sample ID: G650-62-8

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: MJC

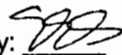
Date Collected: 6/21/2006 15:00

Date Received: 6/21/2006

Matrix: Soil

Solids 91.22

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	7.60	5035	1	06/22/06

Reviewed By: 

TPH_LIMS_v2.0

4 of 34

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: CSFF-MB02

Client Project ID: NV013

Lab Sample ID: G650-62-9

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: MJC

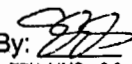
Date Collected: 6/21/2006 15:02

Date Received: 6/21/2006

Matrix: Soil

Solids 83.88

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	8.77	5035	1	06/23/06

Reviewed By: 

TPH_LIMS_v2.0



Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: CSFF-MB03
Client Project ID: NV013
Lab Sample ID: G650-62-10
Lab Project ID: G650-62
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 6/21/2006 15:04
Date Received: 6/21/2006
Matrix: Soil
Solids 96.98

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.37	5035	1	06/23/06



Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: CSFF-MB04
Client Project ID: NV013
Lab Sample ID: G650-62-11
Lab Project ID: G650-62
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 6/21/2006 15:06
Date Received: 6/21/2006
Matrix: Soil
Solids 96.64

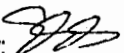
Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.98	5035	1	06/23/06

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: CSFF-MB05
Client Project ID: NV013
Lab Sample ID: G650-62-12
Lab Project ID: G650-62
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 6/21/2006 15:08
Date Received: 6/21/2006
Matrix: Soil
Solids 98.28

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.59	5035	1	06/23/06

Reviewed By: 

TPH_LIMS_v2.0

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SWE01

Client Project ID: NV013

Lab Sample ID: G650-62-13

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: MJC

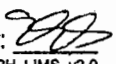
Date Collected: 6/21/2006 15:45

Date Received: 6/21/2006

Matrix: Soil

Solids 77.90

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.45	5035	1	06/23/06

Reviewed By: 

TPH_LIMS_v2.0

14 of 34

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SWE02

Client Project ID: NV013

Lab Sample ID: G650-62-14

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: MJC

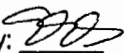
Date Collected: 6/21/2006 15:50

Date Received: 6/21/2006

Matrix: Soil

Solids 82.55

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	75.5	5.81	5035	1	06/23/06

Reviewed By: 
TPH_LIMS_v2.0



Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: USTCSFF-SWE03

Client Project ID: NV013

Lab Sample ID: G650-62-15

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: MJC

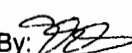
Date Collected: 6/21/2006 15:55

Date Received: 6/21/2006

Matrix: Soil

Solids 82.66

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	151	14.6	5035	4	06/23/06

Reviewed By: 
TPH_LIMS_v2.0

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SB01

Client Project ID: NV013

Lab Sample ID: G650-62-1

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: BWS

Date Collected: 6/20/06 8:55

Date Received: 6/21/06

Matrix: Soil

Solids 73.58

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	8.41	3541	1	06/23/06

Comments:

Flags:

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SWN01

Client Project ID: NV013

Lab Sample ID: G650-62-2

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: BWS

Date Collected: 6/21/06 13:35

Date Received: 6/21/06

Matrix: Soil

Solids 84.26

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.30	3541	1	06/22/06

Comments:

Flags:

Reviewed By: 

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SWN02

Client Project ID: NV013

Lab Sample ID: G650-62-3

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: BWS

Date Collected: 6/21/06 13:45

Date Received: 6/21/06

Matrix: Soil

Solids 80.05

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.66	3541	1	06/22/06

Comments:

Flags:

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SWW01

Client Project ID: NV013

Lab Sample ID: G650-62-4

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: BWS

Date Collected: 6/21/06 13:55

Date Received: 6/21/06

Matrix: Soil

Solids 72.35

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	8.51	3541	1	06/22/06

Comments:

Flags:

Reviewed By:

TPH_LIMS_V2.0/24 of 24

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SWW02

Client Project ID: NV013

Lab Sample ID: G650-62-5

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: BWS

Date Collected: 6/21/06 14:00

Date Received: 6/21/06

Matrix: Soil

Solids 85.45

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	170	7.26	3541	1	06/22/06

Comments:

Flags:

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SWW03

Client Project ID: NV013

Lab Sample ID: G650-62-6

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: BWS

Date Collected: 6/21/06 14:05

Date Received: 6/21/06

Matrix: Soil

Solids 80.00

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	75.8	7.68	3541	1	06/22/06

Comments:

Flags:

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-CLEAN
Client Project ID: NV013
Lab Sample ID: G650-62-7
Lab Project ID: G650-62
Report Basis: Dry Weight

Analyzed By: BWS
Date Collected: 6/21/06 13:06
Date Received: 6/21/06
Matrix: Soil
Solids 86.89

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.11	3541	1	06/22/06

Comments:

Flags:



Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: CSFF-MB01
Client Project ID: NV013
Lab Sample ID: G650-62-8
Lab Project ID: G650-62
Report Basis: Dry Weight

Analyzed By: BWS
Date Collected: 6/21/2006 15:00
Date Received: 6/21/2006
Matrix: Soil
Solids 91.22

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	6.81	3541	1	06/22/06

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: CSFF-MB02

Client Project ID: NV013

Lab Sample ID: G650-62-9

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: BWS

Date Collected: 6/21/06 15:02

Date Received: 6/21/06

Matrix: Soil

Solids 83.88

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	7.42	3541	1	06/23/06

Comments:

Flags:

Reviewed By: 

TPH_LIMS_v20.XLS 25 of 34

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: CSFF-MB03

Client Project ID: NV013

Lab Sample ID: G650-62-10

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: BWS

Date Collected: 6/21/06 15:04

Date Received: 6/21/06

Matrix: Soil

Solids 96.98

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	6.39	3541	1	06/23/06

Comments:

Flags:

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: CSFF-MB04

Client Project ID: NV013

Lab Sample ID: G650-62-11

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: BWS

Date Collected: 6/21/06 15:06

Date Received: 6/21/06

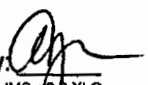
Matrix: Soil

Solids 96.64

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	6.38	3541	1	06/23/06

Comments:

Flags:

Reviewed By: 

TPH 11MS 05/16



Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: CSFF-MB05
Client Project ID: NV013
Lab Sample ID: G650-62-12
Lab Project ID: G650-62
Report Basis: Dry Weight

Analyzed By: BWS
Date Collected: 6/21/06 15:08
Date Received: 6/21/06
Matrix: Soil
Solids 98.28

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	BQL	6.20	3541	1	06/23/06

Comments:

Flags:

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SWE01

Client Project ID: NV013

Lab Sample ID: G650-62-13

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: BWS

Date Collected: 6/21/06 15:45

Date Received: 6/21/06

Matrix: Soil

Solids 77.90

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	18.5	7.95	3541	1	06/23/06

Comments:

Flags:



Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: USTCSFF-SWE02

Client Project ID: NV013

Lab Sample ID: G650-62-14

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: BWS

Date Collected: 6/21/06 15:50

Date Received: 6/21/06

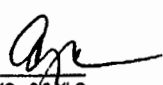
Matrix: Soil

Solids 82.55

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	117	7.46	3541	1	06/23/06

Comments:

Flags:

Reviewed By: 
TOL TIME 20/01/06

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SWE03

Client Project ID: NV013

Lab Sample ID: G650-62-15

Lab Project ID: G650-62

Report Basis: Dry Weight

Analyzed By: BWS

Date Collected: 6/21/2006 15:55

Date Received: 6/21/2006

Matrix: Soil

Solids 82.66

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Diesel Range Organics	972	74.0	3541	10	06/23/06

Reviewed By: 

TPH LIMS v2.0.4 - 5.0.4



List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.



Locations Nationwide

- Alaska
- Louisiana
- New Jersey
- West Virginia
- Hawaii
- Maryland
- North Carolina

0534

www.irs.sos.com

05356
SG

SGS ENVIRONMENTAL SERVICES, INC.

CLIENT: Sovereign Consulting INC. CONTACT: Carlett Fielding PROJECT: NVO13 SITE/PWSID#: CSFF excavation			
REPORTS TO: CHRIS MURRAY INVOICE TO: CHRIS MURRAY 400 CAL MEARS Crescent VA Beach, VA			
PHONE NO: 710-539-6683 FAX NO: 757- QUOTE # P.O. NUMBER			

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX
	USTCSFF-SB01	06/20/06	0855	S
	USTCSFF-SNW01	06/21/06	1335	↓
	USTCSFF-SNW02	06/21/06	1345	↓
	USTCSFF-SNW01	06/21/06	1355	↓
	USTCSFF-SNW02	06/21/06	1400	↓
	USTCSFF-SNW03	06/21/06	1405	↓
	USTCSFF-SNW04	06/21/06	1415	↓
	USTCSFF-CLEAN	06/21/06	1306	↓
	CSFF-MB01	06/21/06	1500	↓
	CSFF-MB02	06/21/06	1502	↓

Collected/Relinquished By: (1) 	Date 06/21/06	Time 1600	Received By: L. Lukan
Relinquished By: (2) 	Date	Time	Received By: 17-
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

SGS Reference: <u>6650-62</u>		PAGE <u>1</u> OF <u>2</u>				
No CONTAINERS	SAMPLE TYPE	Preservatives Used				REMARKS
		METH	None	None	None	
3	GRO C= COMP G= GRAB	GRO DRO PH/IGN Reactivity TCLP	Analysis Required	③		
3	GRO C= COMP G= GRAB	GRO DRO PH/IGN Reactivity TCLP	Analysis Required	③		
3	GRO C= COMP G= GRAB	GRO DRO PH/IGN Reactivity TCLP	Analysis Required	③		

Shipping Carrier:	Samples Received Cold? (Circle) YES NO
Shipping Ticket No:	Temperature (C): <u>01.0</u> <u>7.1</u>
Special Deliverable Requirements:	Chain of Custody Seal: (Circle) <u>coming to temp</u>
	INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions:

Email results to: cmwray@sevecon.com, nhall@sevecon.com

EDD format

WV turnaround

* USTCSFF-CLEAN HAS TOP DENSITY (DRO/GRO ONLY)

☐ 200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
☐ 5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557

1258 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0781

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler



Locations Nationwide

- Alaska
- Louisiana
- New Jersey
- West Virginia
- Hawaii
- Maryland
- North Carolina

053

www.us.sgs.com

05356
SG

SGS Reference: **G650-62**

PAGE 2 OF 4	2
---------------------------	----------

REPORTS TO: **Chris Murray**
INVOICE TO: **Chris Murray**
105 Oak Meigs Crescent
VA Beach, VA
FAX NO.: **757**
QUOTE #
P.O. NUMBER

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX
	CSFF-MB03	06/21/06	1504	S
	CSFF-MB04	06/21/06	1506	I
	CSFF-MB05	06/21/06	1508	I
	ISTCSFF-SNE01	06/21/06	1545	I
	ISTCSFF-SNE02	06/21/06	1550	I
	ISTCSFF-SNE03	06/21/06	1555	S

Collected/Relinquished By: (1) <i>Sgt. Jz</i>	Date <i>04/26/00</i>	Time <i>1600</i>	Received By: <i>L. Lockamy</i>	Shipping Carrier: Shipping Ticket No: Special Deliverable Requirements: Requested Turnaround Time and Special Instructions: <i>see page 1</i>	Samples Received Cold? (Circle) YES NO Temperature (C): <i>Drice</i> 17.1 Chain of Custody Seal: (Circle) <i>correct</i> <i>temp</i> INTACT BROKEN ABSENT
Relinquished By: (2)	Date	Time	Received By: <i>17:05</i>		
Relinquished By: (3)	Date	Time	Received By:		
Relinquished By: (4)	Date	Time	Received By:		

see page 1



Mr. Chris Murray
Sovereign Consulting
606 Thimble Shoals Rd.
Suite A1
Newport-News VA 23606
Report Number: G650-63
Client Project: NV013

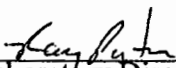
Dear Mr. Murray:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call SGS/Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS/Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
SGS/Paradigm Analytical Laboratories, Inc.


Laboratory Director
J. Patrick Weaver

6/26/2006
Date



Results for Total Petroleum Hydrocarbons
by GC/FID 8015

Client Sample ID: USTCSFF-SWW05
Client Project ID: NV013
Lab Sample ID: G650-63-1
Lab Project ID: G650-63
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 6/22/2006 9:10
Date Received: 6/22/2006
Matrix: Soil
Solids 86.77

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.38	5035	1	06/23/06
Diesel Range Organics	33.2	7.14	3541	1	06/23/06

Comments:

Flags:

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-P01

Client Project ID: NV013

Lab Sample ID: G650-63-2

Lab Project ID: G650-63

Report Basis: Dry Weight

Analyzed By: MJC

Date Collected: 6/22/2006 9:15

Date Received: 6/22/2006

Matrix: Soil

Solids 77.66

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	37.3	6.50	5035	1	06/23/06
Diesel Range Organics	97.8	8.02	3541	1	06/23/06

Comments:

Flags:

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-P02

Client Project ID: NV013

Lab Sample ID: G650-63-3

Lab Project ID: G650-63

Report Basis: Dry Weight

Analyzed By: MJC

Date Collected: 6/22/2006 9:30

Date Received: 6/22/2006

Matrix: Soil

Solids 81.18

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	31.6	6.09	5035	1	06/23/06
Diesel Range Organics	67.6	7.37	3541	1	06/23/06

Comments:

Flags:

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SWW04

Client Project ID: NV013

Lab Sample ID: G650-63-4

Lab Project ID: G650-63

Report Basis: Dry Weight

Analyzed By: MJC

Date Collected: 6/22/2006 9:35

Date Received: 6/22/2006

Matrix: Soil

Solids 78.64

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	116	5.47	5035	1	06/23/06
Diesel Range Organics	BQL	7.53	3541	1	06/23/06

Comments:

Flags:



List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.



CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

Locations Nationwide
• Alaska
• Hawaii
• Louisiana
• Maryland
• New Jersey
• North Carolina
• West Virginia

www.us.sgs.com

053562

1 CLIENT: Sovereign Consulting Inc.

CONTACT: Scarlett Feldung PHONE NO: 910 539-1003

PROJECT: NV013 SITE/PSID#: CSFE

REPORTS TO: Chris Murray FAX NO:)

INVOICE TO: Chris Murray QUOTE #
405 Oak Meadows Crescent
VA Bedford, VA P.O. NUMBER

SGS Reference:

G650-63

PAGE 1 OF 1

2

LAB NO.

SAMPLE IDENTIFICATION

DATE

TIME

MATRIX

NO

CONTAINERS

REMARKS

USGFE-SW005

06/22/06 0910

S

3

G

X

X

USGFE-P01

06/22/06 0915

I

1

I

I

I

USGFE-P02

06/22/06 0930

I

1

I

I

I

USGFE-SW004

06/22/06 0935

S

3

G

X

X

3

Collected/Relinquished By: (1)

Date

Time

Received By:

4

Shipping Carrier:

Samples Received Cold? (Circle) YES NO

Relinquished By: (2)

Date

Time

Received By:

Shipping Ticket No:

Temperature (C): once 582

Relinquished By: (3)

Date

Time

Received By:

Chain of Custody Seal: (Circle)

INTACT BROKEN ABSENT

Relinquished By: (4)

Date

Time

Received By:

Relinquished By: (5)

Date

Time

Received By:

Relinquished By: (6)

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time

Received By:

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

SGS

Date

Time



Mr. Chris Murray
Sovereign Consulting
606 Thimble Shoals Rd.
Suite A1
Newport-News VA 23606
Report Number: G650-64
Client Project: NV013

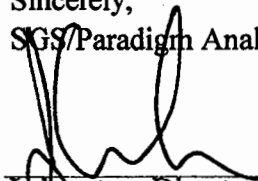
Dear Mr. Murray:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call SGS/Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS/Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
SGS/Paradigm Analytical Laboratories, Inc.



Laboratory Director
J. Patrick Weaver

7/5/2006

Date

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SB05

Client Project ID: NV013

Lab Sample ID: G650-64-1

Lab Project ID: G650-64

Report Basis: Dry Weight

Analyzed By: MJC

Date Collected: 6/27/2006 12:15

Date Received: 6/27/2006

Matrix: Soil

Solids 80.73

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.93	5035	1	07/03/06
Diesel Range Organics	BQL	7.66	3541	1	06/30/06

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SB06

Client Project ID: NV013

Lab Sample ID: G650-64-2

Lab Project ID: G650-64

Report Basis: Dry Weight

Analyzed By: MJC

Date Collected: 6/27/06 12:30

Date Received: 6/27/06

Matrix: Soil

Solids 85.10

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	5.11	5035	1	07/03/06
Diesel Range Organics	BQL	7.10	3541	1	06/30/06

Comments:

Flags:

**Results for Total Petroleum Hydrocarbons**
by GC/FID 8015

Client Sample ID: USTCSFF-SB07

Client Project ID: NV013

Lab Sample ID: G650-64-3

Lab Project ID: G650-64

Report Basis: Dry Weight

Analyzed By: MJC

Date Collected: 6/27/2006 12:45

Date Received: 6/27/2006

Matrix: Soil

Solids 78.83

Analyte	Result MG/KG	RL MG/KG	Prep Method	Dilution Factor	Date Analyzed
Gasoline Range Organics	BQL	6.14	5035	1	07/03/06
Diesel Range Organics	14.5	7.76	3541	1	06/30/06



List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.



Locations Nationwide

- Alaska
- Louisiana
- New Jersey
- West Virginia
- Hawaii
- Maryland
- North Carolina

WWW.U.S.BQS.COM

052607

[illegible]

APPENDIX C

LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTATION FROM 2006 GROUNDWATER SAMPLING EVENT



Mr. Chris Murray
Sovereign Consulting
405 Oakmeads Crescent
Suite 1
Virginia Beach VA 23462
Report Number: G650-70
Client Project: NV013

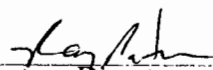
Dear Mr. Murray:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call SGS/Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS/Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
SGS/Paradigm Analytical Laboratories, Inc.



Laboratory Director
J. Patrick Weaver

Date

**Results for Volatiles**

by GC 602

Client Sample ID: USTCSFF-MW25

Analyzed By: CLP

Client Project ID: NV013

Date Collected: 8/2/2006 15:30

Lab Sample ID: G650-70-1A

Date Received: 8/3/2006

Lab Project ID: G650-70

Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.316	1	8/7/2006	
Diisopropyl ether (DIPE)	BQL	1.00	0.294	1	8/7/2006	
Ethylbenzene	BQL	1.00	0.299	1	8/7/2006	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.588	1	8/7/2006	
Toluene	0.765	1.00	0.302	1	8/7/2006	J
m/p-Xylene	BQL	2.00	0.608	1	8/7/2006	
o-Xylene	BQL	2.00	0.596	1	8/7/2006	

Surrogate Spike Recoveries

	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.7	102

Comments:

All values corrected for dilution.

BQL = Below quantitation limit.



**Results for Semivolatiles
by GCMS 625-BN**

Client Sample ID: USTCSFF-MW25
 Client Project ID: NV013
 Lab Sample ID: G650-70-1E
 Lab Project ID: G650-70

Analyzed By: MRC
 Date Collected: 8/2/2006 15:30
 Date Received: 8/3/2006
 Date Extracted: 8/4/2006
 Matrix: Water

Compound	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Acenaphthene	BQL	10.0	1	8/7/2006
Acenaphthylene	BQL	10.0	1	8/7/2006
Anthracene	BQL	10.0	1	8/7/2006
Benzo[a]anthracene	BQL	10.0	1	8/7/2006
Benzo[a]pyrene	BQL	10.0	1	8/7/2006
Benzo[b]fluoranthene	BQL	10.0	1	8/7/2006
Benzo[g,h,i]perylene	BQL	10.0	1	8/7/2006
Benzo[k]fluoranthene	BQL	10.0	1	8/7/2006
Bis(2-chloroethoxy)methane	BQL	10.0	1	8/7/2006
Bis(2-chloroethyl)ether	BQL	10.0	1	8/7/2006
Bis(2-chloroisopropyl)ether	BQL	10.0	1	8/7/2006
Bis(2-ethylhexyl)phthalate	BQL	10.0	1	8/7/2006
4-bromophenyl phenyl ether	BQL	10.0	1	8/7/2006
Butylbenzylphthalate	BQL	10.0	1	8/7/2006
2-Chloronaphthalene	BQL	10.0	1	8/7/2006
4-Chlorophenyl phenyl ether	BQL	10.0	1	8/7/2006
Chrysene	BQL	10.0	1	8/7/2006
Dibenzo[a,h]anthracene	BQL	10.0	1	8/7/2006
Di-n-Butylphthalate	BQL	10.0	1	8/7/2006
1,2-Dichlorobenzene	BQL	10.0	1	8/7/2006
1,3-Dichlorobenzene	BQL	10.0	1	8/7/2006
1,4-Dichlorobenzene	BQL	10.0	1	8/7/2006
3,3'-Dichlorobenzidine	BQL	20.0	1	8/7/2006
Diethylphthalate	BQL	10.0	1	8/7/2006
Dimethylphthalate	BQL	10.0	1	8/7/2006
Di-n-octylphthalate	BQL	10.0	1	8/7/2006
2,4-Dinitrotoluene	BQL	10.0	1	8/7/2006
2,6-Dinitrotoluene	BQL	10.0	1	8/7/2006
Diphenylamine *	BQL	10.0	1	8/7/2006
Fluoranthene	BQL	10.0	1	8/7/2006
Fluorene	BQL	10.0	1	8/7/2006
Hexachlorobenzene	BQL	10.0	1	8/7/2006
Hexachlorobutadiene	BQL	10.0	1	8/7/2006
Hexachlorocyclopentadiene	BQL	20.0	1	8/7/2006
Hexachloroethane	BQL	10.0	1	8/7/2006
Indeno(1,2,3-c,d)pyrene	BQL	10.0	1	8/7/2006
Isophorone	BQL	10.0	1	8/7/2006
Naphthalene	BQL	10.0	1	8/7/2006
Nitrobenzene	BQL	10.0	1	8/7/2006
N-Nitrosodi-n-propylamine	BQL	10.0	1	8/7/2006
Phenanthrene	BQL	10.0	1	8/7/2006
Pyrene	BQL	10.0	1	8/7/2006
1,2,4-Trichlorobenzene	BQL	10.0	1	8/7/2006

**Results for Semivolatiles
by GCMS 625-BN**

Client Sample ID: USTCSFF-MW25
Client Project ID: NV013
Lab Sample ID: G650-70-1E
Lab Project ID: G650-70

Analyzed By: MRC
Date Collected: 8/2/2006 15:30
Date Received: 8/3/2006
Date Extracted: 8/4/2006
Matrix: Water

Compound	Result ug/L	RL ug/L Spike Added	Spike Result	Dilution Factor Percent Recovered	Date Analyzed
2-Fluorobiphenyl		10	8.2	82	
Nitrobenzene-d5		10	9.1	91	
4-Terphenyl-d14		10	9	90	

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.

Reviewed By: RSP

**Results of Library Search for Semivolatile Compounds**
by GCMS

Client Sample ID: USTCSFF-MW25
Client Project ID: NV013
Lab Sample ID: G650-70-1E
Lab Project ID: G650-70
Sample Wt/Vol: 500 ML
Dilution: 1

Analyzed By: EAW
Date Collected: 8/2/2006 15:30
Date Received: 8/3/2006
Date Extracted: 4/26/2006
Date Analyzed: 8/7/2006
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	Unknown	12.06			22.8
2	Benzene, propyl-	6.56	000103-65-1	93	19.2
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: *EW*



List of Reporting Abbreviations
and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.



Locations Nationwide

- Alaska
- Louisiana
- New Jersey
- West Virginia
- Hawaii
- Maryland
- North Carolina

www.us-sgs.com

053085

1 CLIENT: <u>SOVECON Consulting Inc</u>				SGS Reference: <u>G650-70</u>				PAGE <u>1</u> OF <u>1</u>																			
CONTACT: <u>Theresa Etkin</u> PHONE NO: <u>(910) 526 3441</u>																											
PROJECT: <u>NV013</u> SITE/PSID#: <u>CSFF</u>																											
REPORTS TO: <u>Chris Murray</u> FAX NO.: <u>757 456-5095</u>																											
INVOICE TO: <u>Chris Murray</u> QUOTE # <u>485 Oak Meads (residential site)</u>																											
LAB NO.: <u>NV013</u> P.O. NUMBER <u>NV013</u>																											
2																											
LAB NO.				SAMPLE IDENTIFICATION				DATE		TIME		MATRIX		NO		CONTAINERS		SAMPLE TYPE		Preservatives Used		Analysis Required		HC/NDH		REMARKS	
				<u>USTCSF - MW25</u>				<u>8/2/06</u>		<u>1530</u>		<u>W</u>		<u>4</u>													
				<u>TRIP BLANK</u>				<u>8/2/06</u>		<u>LAB</u>		<u>W</u>		<u>1</u>													

SGS ENVIRONMENTAL SERVICES, INC.

☐ 200
☐ 400
☐ 400 Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
400 Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557

□ 1258 Gm

Street

Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761

White - Retained by Law

White - Retained by Law
Returned with Repo
Retained by Sample

APPENDIX D

WELL CONSTRUCTION RECORD



Non RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2156

1. WELL CONTRACTOR:

JIMMIE MANN

Well Contractor (Individual) Name

MANN DRILLING CO.

Well Contractor Company Name

STREET ADDRESS 805 Chatham Street

NEWPORT N.C. 28570

City or Town State Zip Code

(252) 223-5646

Area code- Phone number

2. WELL INFORMATION:

SITE WELL ID # (if applicable) USTCSFF MW25

STATE WELL PERMIT # (if applicable)

DWQ or OTHER PERMIT # (if applicable)

WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐

Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐

Irrigation ☐ Other ☐ (list use)

DATE DRILLED 7-19-06

TIME COMPLETED 3:00 AM ☐ PM ☒

3. WELL LOCATION:

CITY: NRAS CAMP LEJEUNE COUNTY ONSLOW

CAMPBELL ST. FUEL FARM WHITE ST.

(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

☐ Slope ☐ Valley ☒ Flat ☐ Ridge ☐ Other

(check appropriate box)

LATITUDE 3 4 4319N

LONGITUDE 7 7 27104W

May be in degrees, minutes, seconds or in a decimal format

Latitude/longitude source: ☒ GPS ☐ Topographic map

(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. FACILITY - is the name of the business where the well is located.

FACILITY ID # (if applicable)

NAME OF FACILITY

STREET ADDRESS

City or Town State Zip Code

CONTACT PERSON COMMANDING GENERAL

MAILING ADDRESS PSC BOX 2004

CAMP LEJEUNE NC 28542

City or Town State Zip Code

(919) 450-6567

Area code - Phone number

5. WELL DETAILS:

a. TOTAL DEPTH: 18

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒

c. WATER LEVEL Below Top of Casing: 6.95 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS -.3 FT. Above Land Surface*

*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): METHOD OF TEST

f. DISINFECTION: Type Amount

g. WATER ZONES (depth):

From 6 To 18 From To

From To From To

From To From To

6. CASING:

From -.3 To 3 Ft. 2 Diameter Thickness/Weight SCD40 Material PVC

From To Ft. Material

From To Ft. Material

7. GROUT:

From 1 To 2 Ft. BENTONITE HAND

From 0 To 1 Ft. CEMENT HAND

From To Ft. Material

8. SCREEN:

From 3 To 18 Ft. 2 in. .01 in. PVC

From To Ft. in. in.

From To Ft. in. in.

9. SAND/GRAVEL PACK:

From 2 To 8 Ft. #2 SAND

From To Ft. Material

From To Ft. Material

10. DRILLING LOG

From To Formation Description

0 2' BRN SILTY SAND

2' 4' GRY SILTY SAND

4' 11' LT. GRY. SOFT SANDY CLAY

11' 18' DARK GRY. SOFT SANDY CLAY

11. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR 7/22/06 DATE

JIMMIE M MANN
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt.,
1617 Mail Service Center - Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 588.

Form GW-1b
Rev. 7/05



Non RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2156

1. WELL CONTRACTOR:

JIMMIE MANN

Well Contractor (Individual) Name

MANN DRILLING CO.

Well Contractor Company Name

STREET ADDRESS 805 Chatham Street

NEWPORT

N.C.

28570

City or Town

State

Zip Code

(252) 223-5646

Area code- Phone number

2. WELL INFORMATION:

SITE WELL ID # (if applicable) USTCSFF MW25

STATE WELL PERMIT # (if applicable)

DWQ or OTHER PERMIT # (if applicable)

WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐

Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐

Irrigation ☐ Other ☐ (list use)

DATE DRILLED 7-19-06

TIME COMPLETED 3:00

AM ☐ PM ☒

3. WELL LOCATION:

CITY: NRAS CAMP LEJEUNE COUNTY ONSLOW

CAMPBELL ST. FUEL FARM WHITE ST.

(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

☐ Slope ☐ Valley ☒ Flat ☐ Ridge ☐ Other

(check appropriate box)

LATITUDE 3 4 43197N

LONGITUDE 7 7 27104W

May be in degrees, minutes, seconds or in a decimal format

Latitude/longitude source: ☒ GPS ☐ Topographic map

(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. FACILITY - is the name of the business where the well is located.

FACILITY ID # (if applicable)

NAME OF FACILITY

STREET ADDRESS

City or Town

State

Zip Code

CONTACT PERSON COMMANDING GENERAL

MAILING ADDRESS PSC BOX 2004

CAMP LEJEUNE

NC

28542

City or Town

State

Zip Code

(919) 450-6567

Area code - Phone number

5. WELL DETAILS:

a. TOTAL DEPTH: 18

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒

c. WATER LEVEL Below Top of Casing: 6.95 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS -.3 FT. Above Land Surface*

*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): METHOD OF TEST

f. DISINFECTION: Type Amount

g. WATER ZONES (depth):

From 6 To 18 From To

From To From To

From To From To

6. CASING:

From -3 To 3 Depth Ft. 2 Diameter Weight Thickness/ Material

From To Ft. SCD40 PVC

From To Ft.

7. GROUT:

From 1 To 2 Depth Ft. BENTONITE Material Method

From 0 To 1 Ft. CEMENT HAND

From To Ft.

8. SCREEN:

From 3 To 18 Depth Ft. 2 Diameter Slot Size Material

From To Ft. in. .01 in. PVC

From To Ft. in. in.

From To Ft. in. in.

9. SAND/GRAVEL PACK:

From 2 To 8 Depth Ft. #2 Size Material

From To Ft. SAND

From To Ft.

From To Ft.

10. DRILLING LOG

From To

Formation Description

0 2'

BRN SILTY SAND

2' 4'

GRY SILTY SAND

4' 11'

LT. GRY. SOFT SANDY CLAY

11' 18'

DARK GRY. SOFT SANDY CLAY

11. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR

DATE

JIMMIE M MANN

PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center - Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 588.

Form GW-1b
Rev. 7/05

NON RESIDENTIAL WELL CONSTRUCTION RECORD
North Carolina Department of Environment and Natural Resources- Division of Water Quality
WELL CONTRACTOR CERTIFICATION # 2156

1. WELL CONTRACTOR:
JIMMIE MANN
Well Contractor (Individual) Name
MANN DRILLING CO.
Well Contractor Company Name
STREET ADDRESS 805 Chatham Street
NEWPORT N.C. 28570
City or Town State Zip Code
(252) 223-5646
Area code- Phone number

2. WELL INFORMATION:
SITE WELL ID # (if applicable) USTCSFF MW25
STATE WELL PERMIT # (if applicable)
DWQ or OTHER PERMIT # (if applicable)
WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)
DATE DRILLED 7-19-06
TIME COMPLETED 3:00 AM ☐ PM ☒

3. WELL LOCATION:
CITY: NRAS CAMP LEJEUNE COUNTY ONSLOW
CAMPBELL ST. FUEL FARM WHITE ST.
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)
TOPOGRAPHIC / LAND SETTING:
☐ Slope ☐ Valley ☒ Flat ☐ Ridge ☐ Other
(check appropriate box)
LATITUDE 34 4319N
LONGITUDE 77 27104W
Latitude/longitude source: ☒ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. FACILITY - is the name of the business where the well is located.
FACILITY ID # (if applicable)
NAME OF FACILITY
STREET ADDRESS
City or Town State Zip Code
CONTACT PERSON COMMANDING GENERAL
MAILING ADDRESS PSC BOX 2004
CAMP LEJEUNE NC 28542
City or Town State Zip Code
(919) 450-6567
Area code - Phone number

5. WELL DETAILS:
a. TOTAL DEPTH: 18
b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒
c. WATER LEVEL Below Top of Casing: 6.95 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS -3 **FT. Above Land Surface***
 *Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): _____ **METHOD OF TEST** _____

f. DISINFECTION: Type _____ **Amount** _____

g. WATER ZONES (depth):
 From 6 To 18 From _____ To _____
 From _____ To _____ From _____ To _____
 From _____ To _____ From _____ To _____

6. CASING:

From	To	Depth	Diameter	Thickness/ Weight	Material
From <u>-3</u>	To <u>3</u>	Ft. <u>2</u>		<u>SCB40</u>	<u>PVC</u>
From _____	To _____	Ft. _____		_____	_____
From _____	To _____	Ft. _____		_____	_____

7. GROUT:

From	To	Depth	Material	Method
From <u>1</u>	To <u>2</u>	Ft. _____	<u>BENTONITE</u>	<u>HAND</u>
From <u>0</u>	To <u>1</u>	Ft. _____	<u>CEMENT</u>	<u>HAND</u>
From _____	To _____	Ft. _____	_____	_____

8. SCREEN:

From	To	Depth	Diameter	Slot Size	Material
From <u>3</u>	To <u>18</u>	Ft. <u>2</u>	in. <u>.01</u>	in. <u>PVC</u>	
From _____	To _____	Ft. _____	in. _____	in. _____	
From _____	To _____	Ft. _____	in. _____	in. _____	

9. SAND/GRAVEL PACK:

From	To	Depth	Size	Material
From <u>2</u>	To <u>8</u>	Ft. <u>#2</u>	<u>SAND</u>	
From _____	To _____	Ft. _____	_____	
From _____	To _____	Ft. _____	_____	

10. DRILLING LOG

From	To	Formation Description
<u>0</u>	<u>2'</u>	<u>BRN SILTY SAND</u>
<u>2'</u>	<u>4'</u>	<u>GRY SILTY SAND</u>
<u>4'</u>	<u>11'</u>	<u>LT. GRY.SOFT SANDY CLAY</u>
<u>11'</u>	<u>18'</u>	<u>DARK GRY.SOFT SANDY CLAY</u>

11. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR Jimmie M. Mann DATE 7/22/06
 PRINTED NAME OF PERSON CONSTRUCTING THE WELL JIMMIE M. MANN

SOVEREIGN CONSULTING INC. 405 Oakmeads Crescent, Suite 1 Virginia Beach, Virginia 23462				SOIL BORING LOG: Monitoring Well USTCSFF-MW25 Client: NAVFAC Mid-Atlantic Project: CSFF NV013 Location: MCAS New River		Date Drilled: 19 July 2006 Total Depth: 18 Feet Logged By: Scarlett Fielding	
				Drilling Co.: Mann Drilling Driller: Jim Drill Rig: Auger Rig Drill Method: Rotary Auger		Sample Method: N/A Borehole Diameter: 6-inch	
USCS CODE/	DEPTH (FT)	Recovery (Feet)	PID (ppm)	Lithologic Description	Remarks		
	0	2	N/A	Brown Silty Sand	Well constructed of 15 feet of screen and 3 feet of casing		
	1		N/A				
	2		N/A				
	3		N/A				
	4	2	N/A	Gray Silty sand			
	5		N/A				
	6		N/A				
	7		N/A				
	8	7	N/A	Light Gray Soft Sandy Clay, Moist			
	9		N/A				
	10		N/A				
	11		N/A				
	12		N/A				
	13		N/A				
	14	7	N/A	Dark Gray Soft Sandy Clay, moist to wet			
	15		N/A				
	16		N/A				
	17		N/A				
	18		N/A				
			N/A		Bottom of Well = 18 feet BGS		

Notes:
 This well was installed to check the site GW during the excavation in July 2006.
 weather: sunny, warm, and 90 degrees F

APPENDIX E
PHOTOGRAPHS

[illegible]

[illegible]

CSFF Excavation

Day One 6/19/06

- Waited for equipment and RES to arrive, had health and safety meeting onsite, began excavation at 13:25
- began digging in original excavation area closest to the manifold and pump area
- pid readings did not read anything above 0.0 ppm
- soil is very loose, sandy, organic backfill material
- Sanitary line uncovered toward end of original excavation, furthest away from the manifold and pump area
- excavation continued throughout original excavation area but all pid readings were 0.0 ppm
- underground power line found, topped with a foot of concrete to protect the power line
- also two more pipes found that were not on the surveyor's mark out
- Surveyor was called and arrived onsite at 17:05
- one pipe was identified as a water line and the other was an abandon pipe.
- the abandon pipe was cracked and rusted out a soil boring was taken (SB-09 or SWW-05, 4.0' deep) and screened there, but all pid readings were 0.0 ppm, although inside the pipe it has readings over 50 ppm

Day Two 6/20/06

- excavation began at 8:15
- Soil boring taken at front of original excavation (SB-01, 5.5' deep), all pid readings were 0.0 ppm, this soil boring was sent to the lab as a side wall location
- impacted soil was then found outside of the original excavation area approximately 2.0-2.5' deep
- pid readings on sovereign's equipment was 105 ppm while RES's pid read 85 ppm.
- heavy petroleum smell, soil toward bottom of excavation contained more clay and was denser
- more soil borings were done to follow out the contamination

Soil Boring ID	SB-02	SB-03	SB-04
0.0'-1.0'	0.0 ppm	0.0 ppm	0.0 ppm
1.0'-2.0'	22.6 ppm	0.0 ppm	0.0 ppm
2.0'-3.0'	126 ppm	0.0 ppm	0.0 ppm
3.0'-4.0'	142 ppm	0.0 ppm	0.0 ppm
4.0'-5.0'	156 ppm	0.0 ppm	0.0 ppm

Day Three 6/21/06

- H+S meeting
- excavation began at 8:00am
- While obtaining soil boring SB-02, groundwater was encountered at 4.0'-4.5'
- SB-05 was obtained to check for soil contamination

-SB-05 was screened in one foot intervals down to 5 feet but all pid readings were 0.0 ppm

-collected soil samples with Scarelett

Day Four 6/22/06

-health and safety meeting, excavation began at 7:50

-another 1.5' of soil of the floor was excavated

-pid readings of floor still were above 100 ppm in some places, the floor was then excavated to 2 feet below the water table (no floor samples taken)

-three more Soil borings were collected

-two borings (P01, and P02) were collected from the manifold and pumping area and then another was collected from the west side wall (SWW-05) and SWW-04 needed one more soil jar filled from the previous days collection

-took samples to lab with Scarelett

Day Five 6/23/06

-health and safety meeting

-final touchups on excavation

-starting backfilling by the afternoon

Day Six 6/24/06

-backfilling continued until the hole was filled on Saturday

Summary of Soil Borings and Sample Locations

USTCSFF-SB01 - taken at the front of the original excavation, adjacent to the piping area, also used as a sidewall sample

USTCSFF-SB02 – taken to see how far the contamination went, screened down to five feet, did not submit this for laboratory purposes, pid readings were high, the excavator would later excavate this area

USTCSFF-SB03 – taken to see how far contamination went, all pid readings indicated that the location was clean

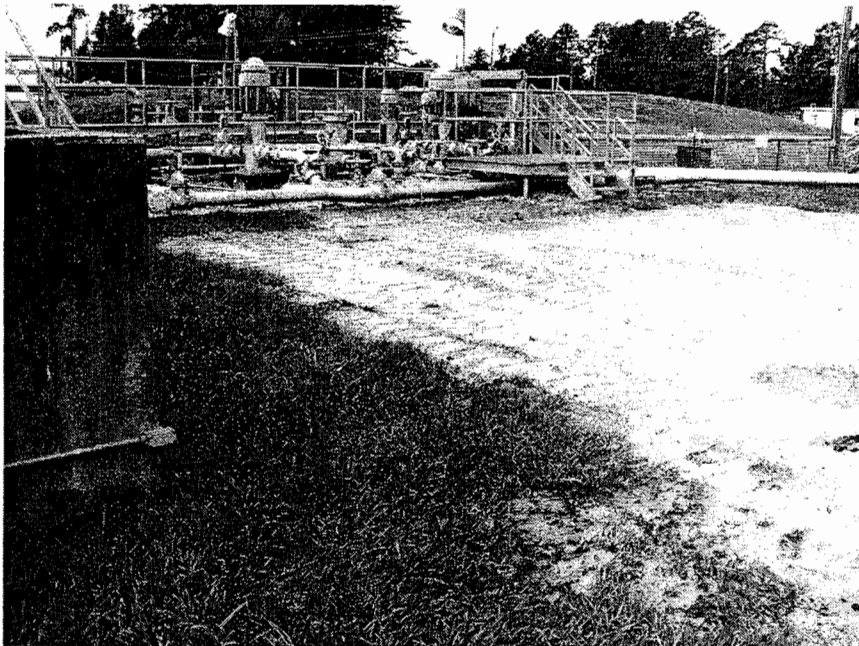
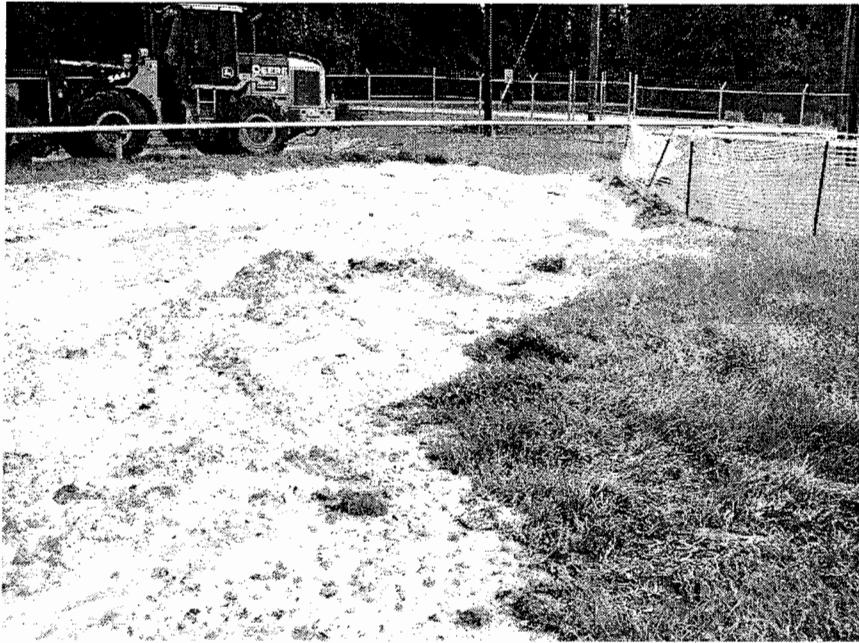
USTCSFF-SB04 – taken to see if there was contamination between SB-03 and SB-02, screened down to five feet and indications of no contamination

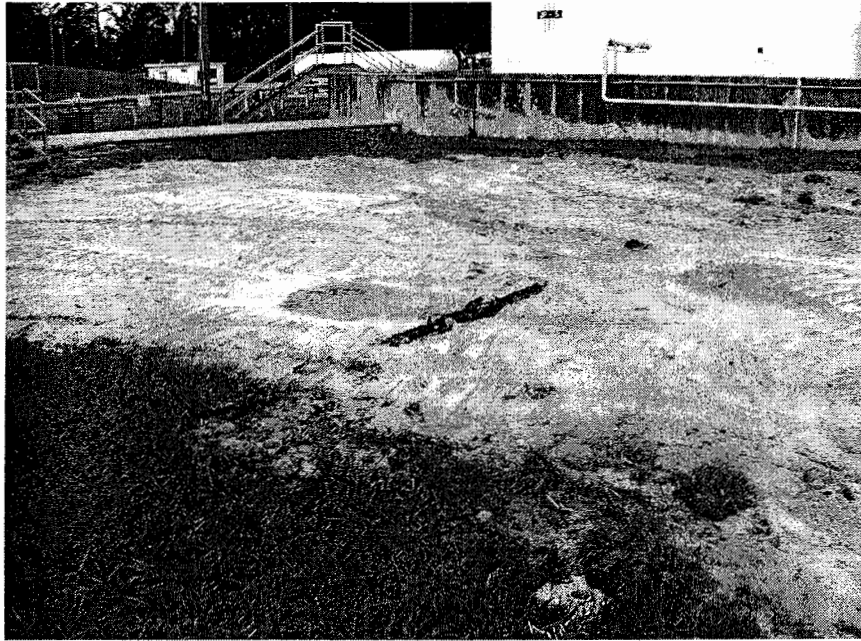
USTCSFF-SB05 – taken to see if there was contamination between SB-04 and SB-02, screened down to five feet, and no indications of contamination, used as another sample location, the excavator removed all soil up to this location including SB-02

USTCSFF-SB06 – taken after area was excavated further b/c previous side wall sample was still hot

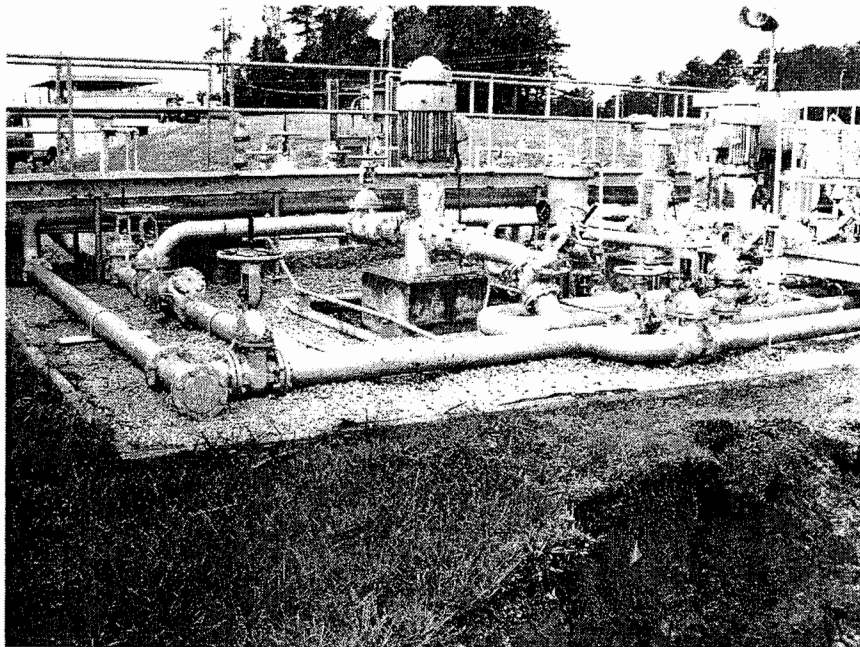
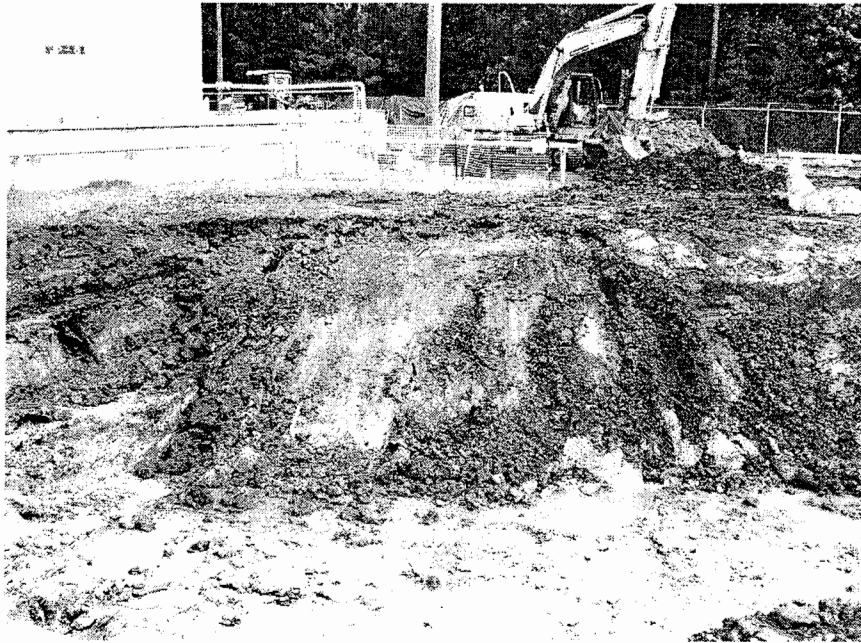
USTCSFF-SB07 – taken after area was excavated further b/c previous side wall sample was still hot

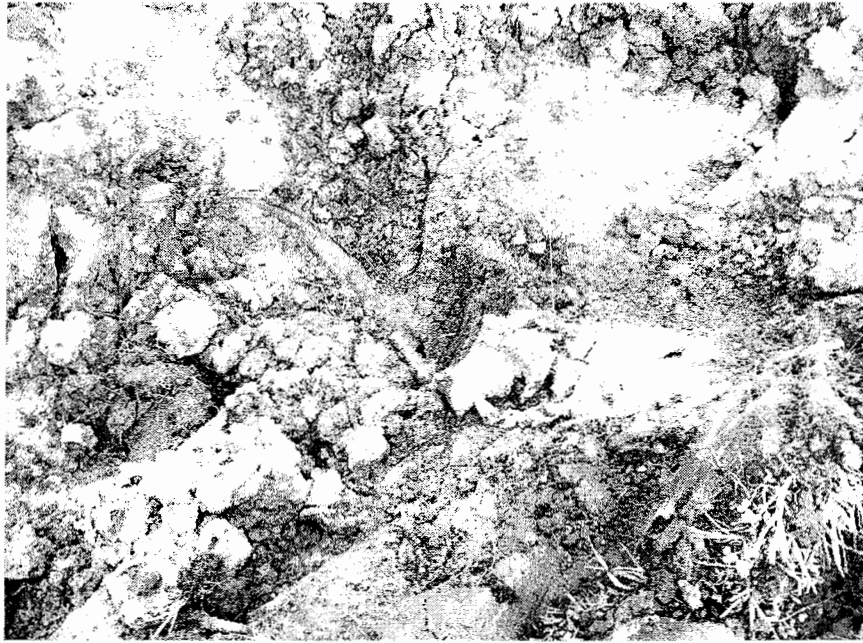






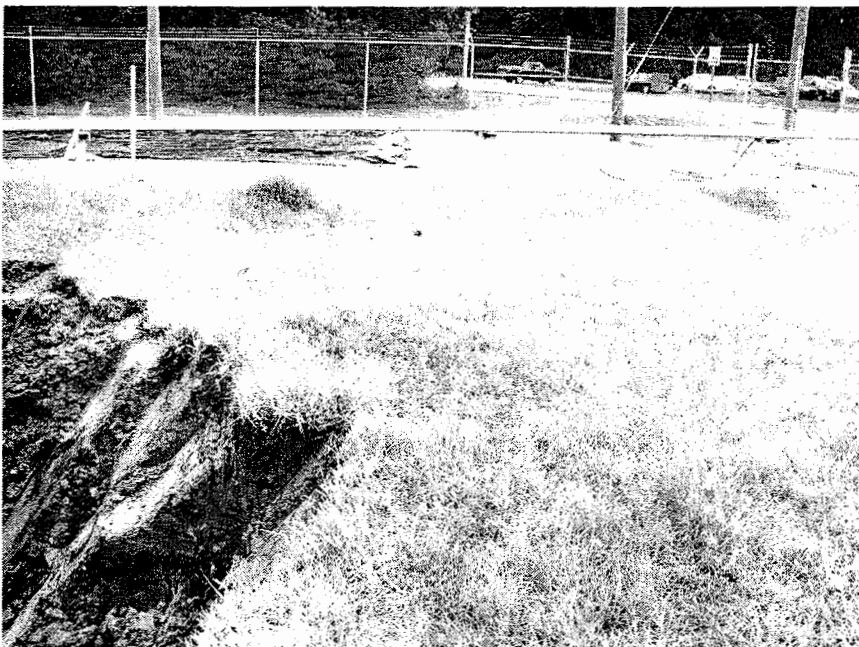












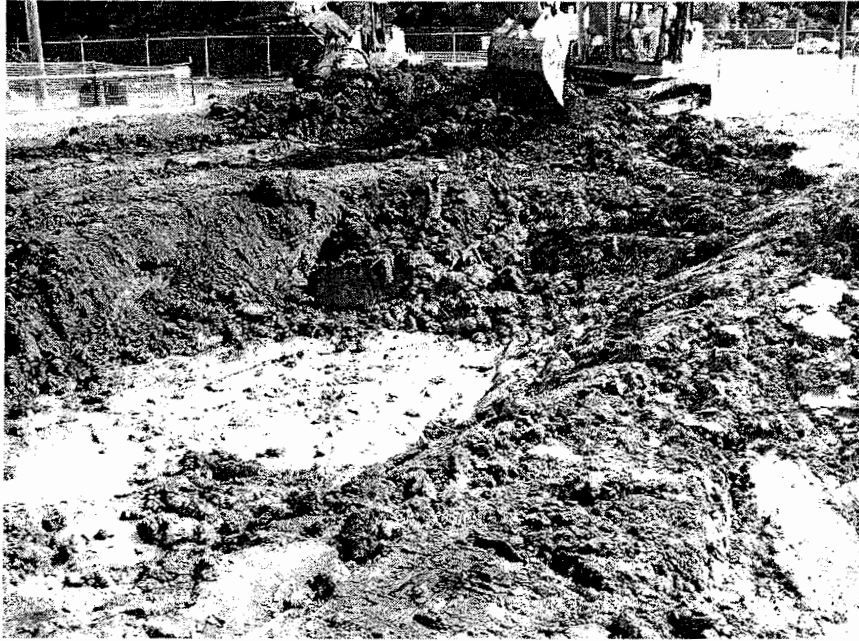
















APPENDIX F
SOIL DISPOSAL MANIFESTS

Campbell Street Fuel Farm T&D Log

<u>Date</u>	<u>Manifest #</u>	<u>Tare Wt</u>	<u>GVW</u>	<u>NVW</u>	<u>Net Tonnage(T)</u>
7/20/2006	AS060032	32,600	81,420	48,820	40.71
7/20/2006	AS060033	32,600	80,680	48,080	24.04
7/21/2006	AS060034	32,600	80,000	47,400	23.70
7/21/2006	AS060035	32,860	81,980	79,120	24.56
7/21/2006	AS060036	31,920	81,520	49,600	24.80
7/21/2006	AS060037	36,080	81,420	45,340	22.67
7/21/2006	AS060038	31,920	81,500	49,580	24.79
7/21/2006	AS060039	32,600	81,680	49,080	24.54
7/21/2006	AS060040	32,860	81,320	48,460	24.23
7/22/2006	AS060041	32,600	79,660	47,000	23.50
7/22/2006	AS060042	36,080	82,940	46,860	23.43
7/22/2006	AS060043	34,660	80,580	45,920	22.93
7/22/2006	AS060044	31,920	80,420	48,500	24.25
7/22/2006	AS060045	31,920	82,920	51,000	25.50
7/22/2006	AS060046	32,600	81,260	48,660	24.33
7/22/2006	AS060048	36,080	81,920	45,840	22.93
7/23/2006	AS060049	32,600	79,580	46,980	23.49
7/23/2006	AS060050	26,600	67,500	40,900	20.45
7/23/2006	AS060051	32,680	77,100	44,420	22.21
7/23/2006	AS060052	32,280	81,100	48,820	24.41
7/23/2006	AS060053	36,080	78,580	42,500	21.25
7/23/2006	AS060054	32,600	80,620	48,020	24.01
7/23/2006	AS060055	26,600	70,640	44,040	22.02
7/23/2006	AS060056	32,860	79,440	46,580	23.29
7/23/2006	AS060057	34,000	81,980	47,980	23.99
7/23/2006	AS060058	32,600	79,640	47,040	23.52
7/24/2006	AS060059	34,000	81,420	47,420	23.71
7/24/2006	AS060060	31,920	82,000	50,800	25.04
7/24/2006	AS060061	32,280	82,600	50,320	25.16
7/24/2006	AS060062	31,920	80,280	48,361	24.18
7/24/2006	AS060063	34,000	82,580	48,580	24.29
7/24/2006	AS060064	32,600	80,480	47,880	23.94
7/25/2006	AS060065	34,000	80,400	46,400	23.20
7/25/2006	AS060066	31,920	82,760	50,840	25.42
7/25/2006	AS060067	32,600	78,420	45,820	22.91
7/25/2006	AS060068	33,260	79,260	46,000	23.00
7/25/2006	AS060069	32,280	82,760	50,480	25.24
7/25/2006	AS060070	34,000	76,620	42,620	21.31
7/25/2006	AS060071	31,920	79,060	47,140	23.57
7/25/2006	AS060072	32,600	78,820	46,220	23.11
7/25/2006	AS060073	32,280	78,960	46,680	23.34
7/25/2006	AS060074	33,260	80,020	46,940	23.47
7/26/2006	AS060075	34,000	78,280	44,280	22.14
7/26/2006	AS060076	32,600	80,120	47,520	23.76
7/26/2006	AS060077	32,280	82,160	49,880	24.94
7/26/2006	AS060078	33,260	79,580	46,320	23.16
7/26/2006	AS060079	31,880	80,740	48,860	24.43
7/26/2006	AS060080	32,280	79,680	47,400	23.70
7/26/2006	AS060081	34,000	82,340	48,340	24.17
7/26/2006	AS060082	33,260	70,360	47,100	23.55
7/26/2006	AS060083	31,880	82,040	50,160	25.06
7/26/2006	AS060084	32,600	79,320	46,720	23.36

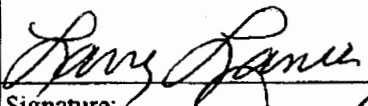
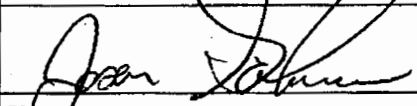
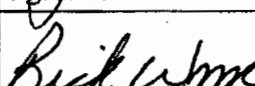
Total Tonnage= 1,248.71 Net

Total Weight= 2,495,621 lbs.

Marine Corps Base, Camp Lejeune

Non-Hazardous Waste Shipping Document

Document # A50600

Site:			Page 1 of 1	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES ENVIRONMENTAL CORP.</u> <u>290 RIVER OAKS DR. STELLA, NC 28582</u>			US EPA ID Number: <u>910-389-2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>ES&J ENTERPRISES, INC</u> <u>1555 HOLLAND DR. ATRYVILLE, NC 28318</u>			US EPA ID Number: <u>910-567-6138</u>	
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>NON-HAZARDOUS PETROLEUM CONTAMINATED</u>	<u>DT</u>	<u>001</u>	<u>81,420</u>	<u>LBS</u>
<u>SOIL</u>			<u>40.71</u>	<u>TONS</u>
			<u>32,600</u>	<u>TARE</u>
			<u>48,820</u>	<u>NET</u>
Container/Tag Number: <u>Lab: 565 ENVIRONMENTAL SERVICES</u>		Profile #: <u>24.41 N. TONS</u>		
Additional Information and Discrepancy Indication: <u>TRK RES-02</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>				<u>7-20-06</u>
Transporter's Name		Signature:		Date:
<u>Jason Sanderson</u>				<u>7-20-06</u>
Receiving Facility		Signature:		Date:
<u>ES&J</u>				<u>7-20-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune

Non-Hazardous Waste Shipping Document

Document # A50600

Site:			Page 1 of 1	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES ENVIRONMENTAL CORP.</u> <u>290 RIVER OAKS DR. STELLA, NC 28582</u> <u>910-389-2365</u>			US EPA ID Number: _____	
Destination's Name, Mailing Address & Telephone Number: <u>ES&J ENTERPRISES, INC.</u> <u>1555 HOLLAND RD. AUSTRYVILLE, NC 28318</u> <u>910-567-6138</u>			US EPA ID Number: _____	
Waste Shipping Name and Description	Containers Number	Type	Total Quantity	Units
<u>NON-HAZARDOUS PETROLEUM CONTAMINATED</u>	<u>DT</u>	<u>001</u>	<u>80680</u>	<u>LBS</u>
<u>SOIL</u>			<u>32,600</u>	<u>TARE</u>
			<u>48080</u>	<u>NET</u>
			<u>24.04</u>	<u>TONS</u>
Container/Tag Number: <u>Lab: SGS ENVIRONMENTAL SERVICES</u>			Profile #: _____	
Additional Information and Discrepancy Indication:			<u>RES-02</u>	
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>		<u>Larry Lanier</u>		<u>7/19/06</u>
Transporter's Name		Signature:		Date:
<u>Jason Sanderson</u>		<u>Jason Sanderson</u>		<u>7/20/06</u>
Receiving Facility		Signature:		Date:
<u>Shelby Royal, ES&J Enterprises Inc</u>		<u>Shelby Royal</u>		<u>7-20-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # AS06003

Site:			Page 1 of 1	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp.</u> <u>290 River Oaks Dr Stella NC 28582</u>			US EPA ID Number: <u>910 389 2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>EST Enterprises Inc</u> <u>1555 Holland Dr Ahmville, NC 28318</u>			US EPA ID Number: <u>910 587-6138</u>	
Waste Shipping Name and Description	Containers Number	Type	Total Quantity	Units
<u>Non-Haz. Petroleum Contaminated Soils</u>	<u>DT</u>	<u>001</u>	<u>80000</u>	<u>LB3</u>
			<u>32600</u>	<u>TONS</u>
			<u>47400</u>	<u>NET</u>
			<u>23.70</u>	<u>TONS</u>
Container/Tag Number: Lab: <u>SGS Environmental Services</u>			Profile #:	
Additional Information and Discrepancy Indication:				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name	Signature:		Date:	
<u>LARRY LANIER</u>	<u>Larry Lanier</u>		<u>7/27/06</u>	
Transporter's Name	Signature:		Date:	
<u>Tason Sanderson</u>	<u>Tason Sanderson</u>		<u>7/21/06</u>	
Receiving Facility	Signature:		Date:	
<u>Shelby Royal, EST Enterprises Inc.</u>	<u>Shelby Royal</u>		<u>7-21-06</u>	

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document #: AS06003

Site:			Page 1 of 1	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp.</u> <u>290 River Oaks Dr. Stella, NC 28582</u>			US EPA ID Number: _____ <u>910 389 2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>ES&J Enterprises Inc.</u> <u>1355 Holland Dr. Angier, NC 28318</u>			US EPA ID Number: _____ <u>910 567-6138</u>	
Waste Shipping Name and Description	Containers Number	Type	Total Quantity	Units
<u>NON-HAZ PETRO CONT. 500L</u>	<u>DT</u>	<u>007</u>	<u>81980</u>	<u>LBS</u>
			<u>32860</u>	<u>TAKE</u>
			<u>49120</u>	<u>NET</u>
			<u>2456</u>	<u>TONS</u>
Container/Tag Number:		Profile #:		
Lab: <u>SGS Environmental Services</u>				
Additional Information and Discrepancy Indication:				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LAWREN</u>		<u>Larry Lawren</u>		<u>7/18/06</u>
Transporter's Name		Signature:		Date:
<u>Dallas Gaynor (Colie S. Doss)</u> <u>Trucking</u>		<u>Dallas Gaynor</u>		<u>7-21-06</u>
Receiving Facility		Signature:		Date:
<u>Shelby Royal ES&J Enterprises Inc</u>		<u>Shelby Royal</u>		<u>7-21-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # A5060031

Site:		Page 1 of 1		
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		US EPA ID Number: <u>NC6170022580</u>		
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp</u> <u>290 River Oaks Dr Stella, N.C. 28582</u>		US EPA ID Number: <u>910 389 2315</u>		
Destination's Name, Mailing Address & Telephone Number: <u>ES&J Enterprises, Inc</u> <u>1555 Holland Dr Auburn, N.C. 28318</u>		US EPA ID Number: <u>910 567-6138</u>		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
N-HAZ petroleum contaminated soils	20	001	81520	lbs
			31920	TARE
			49600	NET
			24.80	TONS
Container/Tag Number:		Profile #:		
Lab: <u>SGS Environmental Services</u>				
Additional Information and Discrepancy Indication:				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		
<u>LARRY LAWLER</u>		<u>Larry Lawler</u>		
Date:		<u>7/21/06</u>		
Transporter's Name		Signature:		
<u>Andrew Provest</u>		<u>Andrew Provest</u>		
Date:		<u>7-21-06</u>		
Shipping Facility		Signature:		
<u>Shelby Royal ES&J Enterprises Inc.</u>		<u>Shelby Royal</u>		
Date:		<u>7-21-06</u>		

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # A506003

Site:		Page 1 of 1	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>			
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp</u> <u>290 River Oaks Dr. Stella, N.C. 28582</u>		US EPA ID Number: <u>910 389 2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>ES&J Enterprises, Inc</u> <u>1555 Holland On Airy n h, NC 28318</u>		US EPA ID Number: <u>910567 6138</u>	
Waste Shipping Name and Description	Containers Number Type	Total Quantity	Units
UN-HAZ Petroleum Contaminated soils	DT 001	81420	165
		36080	TARE
		45340	NET
		22.67	TONS
Container/Tag Number: Lab: <u>SGS Environmental Services</u>		Profile #:	
Additional Information and Discrepancy Indication:			
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:			
Printed/Typed Name	Signature:	Date:	
<u>LARRY LAWRENZ</u>	<u>Larry Lawrenz</u>	<u>7-21-06</u>	
Transporter's Name	Signature:	Date:	
<u>Lee Collins</u>	<u>Lee Collins</u>	<u>7-21-06</u>	
Shipping Facility	Signature:	Date:	
<u>Shelby Royal ES&J Enterprises Inc.</u>	<u>Shelby Royal</u>	<u>7-21-06</u>	

Return Original form to Generator

Marine Corps Base, Camp Lejeune

Non-Hazardous Waste Shipping Document

Document # AS0600

Site:			Page 1 of	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp.</u> <u>290 River Oaks Dr. Stella, N.C. 28582</u>			US EPA ID Number: <u>910 389 2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>ES & J Enterprises, Inc.</u> <u>1555 Holland Dr. Antelope, NC 28318</u>			US EPA ID Number: <u>910 567 6138</u>	
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>NON-HAZ Petrochem Contaminated soils</u>	<u>DT</u>	<u>207</u>	<u>81500</u>	<u>16s</u>
			<u>31920</u>	<u>TARE</u>
			<u>49580</u>	<u>NET</u>
			<u>24.79</u>	<u>TONS</u>
Container/Tag Number: Lab: <u>SGS Environmental Services</u>			Profile #:	
Additional Information and Discrepancy Indication:				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>		<u>Larry Lanier</u>		<u>7-21-06</u>
Transporter's Name		Signature:		Date:
Receiving Facility		Signature:		Date:
<u>ES & J</u>		<u>Rich Wm.</u>		<u>7-21-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # AS06003

Site:			Page 1 of	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp</u> <u>290 River Oaks Dr Stella, N.C. 28582</u>			US EPA ID Number: _____ <u>910 389 2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>ES & J Enterprises, Inc.</u> <u>1555 Holland Dr Aubynville, N.C. 28378</u>			US EPA ID Number: _____ <u>910 567 6138</u>	
Waste Shipping Name and Description	Containers Number	Type	Total Quantity	Units
<u>NON-HAZ Petroleum Contaminated Soils</u>	<u>BT</u>	<u>001</u>	<u>81680</u>	<u>LBS</u>
			<u>32600</u>	<u>TARE</u>
			<u>49080</u>	<u>NET</u>
			<u>24.54</u>	<u>TONS</u>
Container/Tag Number: Lab: <u>SGS Environmental Services</u>			Profile #: _____	
Additional Information and Discrepancy Indication:				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name <u>LARRY LANIER</u>	Signature: <u>Larry Lanier</u>		Date: <u>7-21-06</u>	
Transporter's Name <u>Jason Sandersen</u>	Signature: <u>Jason Sandersen</u>		Date: <u>7/21/06</u>	
Receiving Facility <u>ES & J Enterprises Inc</u>	Signature: <u>Jason Sandersen</u>		Date: <u>7-21-06</u>	

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # AS06004

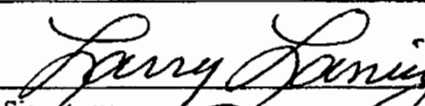
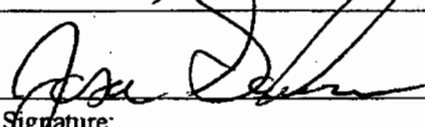
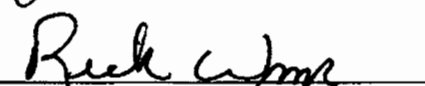
Site:			Page 1 of	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp.</u> <u>290 River Oaks Dr. Ardenville, N.C. 28582</u>			US EPA ID Number: <u>910 389 2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>ES&J Enterprises, Inc.</u> <u>1555 Holland Dr. Ardenville, NC 28318</u>			US EPA ID Number: <u>910 567 6138</u>	
Waste Shipping Name and Description	Containers Number	Type	Total Quantity	Units
NON-HAZ Petroleum Contaminated soils	007	OT	91320	LB
			32860	TARE
			48460	NET
			24.23	TONS
Container/Tag Number: Lab: <u>SGS Environmental Services</u>			Profile #:	
Additional Information and Discrepancy Indication:				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>		<u>Larry Lanier</u>		<u>7-21-06</u>
Transporter's Name		Signature:		Date:
<u>Dallas Graynor (Colie S. Doss)</u> <u>TRUCKING</u>		<u>Dallas Graynor</u>		<u>7-21-06</u>
Receiving Facility		Signature:		Date:
<u>ES&J Enterprises</u>		<u>Janet Tanner</u>		<u>7-21-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune

Non-Hazardous Waste Shipping Document

Document # AS060041

Site:			Page 1 of		
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004			US EPA ID Number: <u>NC6170022580</u>		
Generator's Telephone #: <u>(910) 451-1482</u>					
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp.</u> <u>390 River Oaks Dr. Stella, N.C. 28582</u>			US EPA ID Number: <u>910 389 2865</u>		
Destination's Name, Mailing Address & Telephone Number: <u>ES&I Enterprises, Inc.</u> <u>1555 Holland Dr. Auburnville, AL 36838</u>			US EPA ID Number: <u>910 587 8138</u>		
Waste Shipping Name and Description	Containers Number	Type	Total Quantity	Units	
<u>WV 142 Petroleum Contaminated soils</u>	<u>001</u>	<u>DT</u>	<u>79660</u>	<u>lbs</u>	
			<u>32600</u>	<u>TARE</u>	
			<u>47000</u>	<u>NET</u>	
			<u>23.50</u>	<u>TONS</u>	
Container/Tag Number: Lab: <u>SGS Environmental Services</u>			Profile #:		
Additional Information and Discrepancy Indication:					
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:					
Printed/Typed Name <u>LARRY LANIER</u>			Signature: 		Date: <u>7-22-06</u>
Transporter's Name <u>Jason Saderson</u>			Signature: 		Date: <u>7-22-06</u>
Receiving Facility <u>ES&I</u>			Signature: 		Date: <u>7-22-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document #: AS06009

Site:			Page 1 of	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp.</u> <u>290 River Oaks Dr. Stella, N.C. 28582</u>			US EPA ID Number: _____ <u>910 389 2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>ES&J Enterprises, Inc.</u> <u>1855 Holland Rd. Auburnville N.C. 28318</u>			US EPA ID Number: _____ <u>910 567 6138</u>	
Waste Shipping Name and Description	Containers Number	Type	Total Quantity	Units
<u>NON HAZ Petroleum Contaminated soils</u>	<u>001</u>	<u>DT</u>	<u>82940</u>	<u>lbs</u>
			<u>36080</u>	<u>PAKs</u>
			<u>46860</u>	<u>NET</u>
			<u>23.43</u>	<u>TONs</u>
Container/Tag Number: Lab: <u>SGS Environmental Services</u>			Profile #: _____	
Additional Information and Discrepancy Indication:				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name			Signature:	
<u>LARRY LANIER</u>			<u>Larry Lanier</u>	
Transporter's Name			Signature:	
<u>Lee Collins</u>			<u>Lee Collins</u>	
Shipping Facility			Signature:	
<u>ES&J</u>			<u>Reik Wm.</u>	
			Date:	
			<u>7-22-06</u>	
			Date:	
			<u>7-22-06</u>	
			Date:	
			<u>7-22-06</u>	

Return Original form to Generator

Marine Corps Base, Camp Lejeune

Non-Hazardous Waste Shipping Document

Document # A506004

Site:			Page 1 of		
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004			US EPA ID Number: <u>NC6170022580</u>		
Generator's Telephone #: <u>(910) 451-1482</u>					
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp.</u> <u>210 River Oaks Dr. Stella, N.C. 28582</u>			US EPA ID Number: <u>910 389 2365</u>		
Destination's Name, Mailing Address & Telephone Number: <u>ES & J Enterprises Inc.</u> <u>1555 Holland Dr. Auburn N.C. 28318</u>			US EPA ID Number: <u>910 567 6138</u>		
Waste Shipping Name and Description	Containers	Total Quantity	Units		
	Number	Type			
<u>UN HAZ Petroleum Contaminated soils</u>	<u>001</u>	<u>DT</u>	<u>86580</u>	<u>lbs</u>	
			<u>34660</u>	<u>TARE</u>	
			<u>45920</u>	<u>NET</u>	
			<u>22.93</u>	<u>TONS</u>	
Container/Tag Number:			Profile #:		
Lab: <u>SGS Environmental Services</u>					
Additional Information and Discrepancy Indication:					
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:					
Printed/Typed Name			Signature:		Date:
<u>LARRY LANIER</u>			<u>Larry Lanier</u>		<u>7-22-06</u>
Transporter's Name			Signature:		Date:
<u>Julian Watson</u>			<u>Julian Watson</u>		<u>7-22-06</u>
Receiving Facility			Signature:		Date:
<u>ES & J</u>			<u>Reck Wm.</u>		<u>7-22-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # AS06004

Site:			Page 1 of	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp</u> <u>2910 River Oaks Dr Stella, NC 28582</u> <u>910 389 2365</u>			US EPA ID Number: _____	
Destination's Name, Mailing Address & Telephone Number: <u>ES & J Enterprises, Inc</u> <u>1555 Holland Dr Auburnville, NC 28318</u> <u>910 567 6138</u>			US EPA ID Number: _____	
Waste Shipping Name and Description	Containers Number	Type	Total Quantity	Units
<u>HAZ Petroleum Contaminated soils</u>	<u>001</u>	<u>DT</u>	<u>80420</u>	<u>lbs</u>
			<u>31920</u>	<u>TONS</u>
			<u>48500</u>	<u>NET</u>
			<u>24.25</u>	<u>TONS</u>
Container/Tag Number: Lab: <u>SGS Environmental Services</u>			Profile #: _____	
Additional Information and Discrepancy Indication:				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>		<u>Larry Lanier</u>		<u>7-22-06</u>
Transporter's Name		Signature:		Date:
<u>Andrey Prokoshin</u>		<u>Andrey Prokoshin</u>		<u>7-22-06</u>
Shipping Facility		Signature:		Date:
<u>ES&J</u>		<u>Reck Wm.</u>		<u>7-22-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune

Non-Hazardous Waste Shipping Document

Document # AS 0600

Site:			Page 1 of	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp.</u> <u>290 River Oaks Dr Stella NC</u> <u>910 389 2365</u>			US EPA ID Number: _____	
Destination's Name, Mailing Address & Telephone Number: <u>ES & J Enterprises Inc</u> <u>1555 Holland Dr. Ashbyville NC</u> <u>910 567 6138</u>			US EPA ID Number: _____	
Waste Shipping Name and Description	Containers	Total Quantity	Units	
	Number	Type		
<u>non HAZ Petroleum Contaminated soils</u>	<u>007</u>	<u>DT</u>	<u>82920</u>	<u>lbs</u>
			<u>31920</u>	<u>TARE</u>
			<u>51060</u>	<u>NET</u>
			<u>25.50</u>	<u>TONS</u>
Container/Tag Number:			Profile #:	
Lab: <u>SGS Environmental Services</u>				
Additional Information and Discrepancy Indication:				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>		<u>Larry Lanier</u>		<u>7-22-06</u>
Transporter's Name		Signature:		Date:
<u>Paul H Provost</u>		<u>Paul Provost</u>		<u>7-22-06</u>
Shipping Facility		Signature:		Date:
<u>ES & J</u>		<u>Reed Wimer</u>		<u>7-22-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune

Non-Hazardous Waste Shipping Document

Document # A506004

Site:			Page 1 of	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp</u> <u>209 River Oaks Dr. Stella, NC</u> <u>910 389 2365</u>			US EPA ID Number: _____	
Destination's Name, Mailing Address & Telephone Number: <u>ES&I Enterprises, Inc.</u> <u>1555 Holland Dr. Aubreyville, NC 28318</u> <u>910 567 6138</u>			US EPA ID Number: _____	
Waste Shipping Name and Description	Containers Number	Type	Total Quantity	Units
<u>J-HAZ Rebreather Contaminated soil</u>	<u>001</u>	<u>DT</u>	<u>81260</u>	<u>lbs</u>
			<u>32600</u>	<u>TARE</u>
			<u>48660</u>	<u>NET</u>
			<u>24.33</u>	<u>TONS</u>
Container/Tag Number:		Profile #:		
Lab: <u>SGS Environmental Services</u>				
Additional Information and Discrepancy Indication:				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>		<u>Larry Lanier</u>		<u>7-22-06</u>
Transporter's Name		Signature:		Date:
<u>Jason Sanderson</u>		<u>Jason Sanderson</u>		
Shipping Facility		Signature:		Date:
<u>ES&I</u>		<u>Reck Wilson</u>		<u>7-22-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune

Non-Hazardous Waste Shipping Document

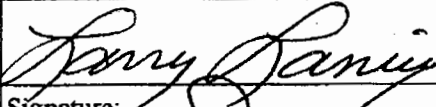
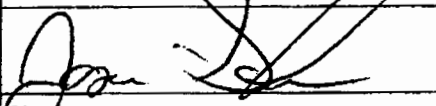
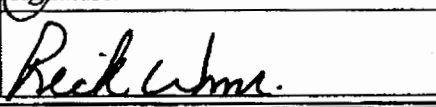
Document # 1506004

Site:		Page 1 of 1	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>			
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environment Corp</u> <u>209 River Oaks Dr. Stella, NC</u>		US EPA ID Number: <u>910 389-2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>ES&I Enterprises, INC.</u> <u>1555 Holland Rd. Rutherfordville NC 28318</u>		US EPA ID Number: <u>910 567-6138</u>	
Waste Shipping Name and Description	Containers Number Type	Total Quantity	Units
<u>Un-Haz Petroleum Contaminated Soil</u>		<u>81920</u>	
		<u>36080</u>	
		<u>45840</u>	
		<u>22.93</u>	
Container/Tag Number: Lab: <u>SGS Envtl. Services</u>		Profile #:	
Additional Information and Discrepancy Indication:			
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:			
Printed/Typed Name	Signature:	Date:	
<u>LARRY LANIER</u>	<u>Larry Lanier</u>	<u>7-22-06</u>	
Transporter's Name	Signature:	Date:	
<u>Lee Collins</u>	<u>Lee Collins</u>	<u>7-22-06</u>	
Receiving Facility	Signature:	Date:	
<u>ES&I</u>	<u>Reck Wm</u>	<u>7-22-06</u>	

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

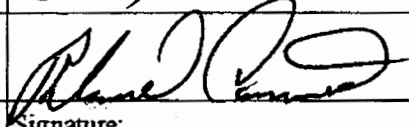
Document # AS06004

Site: <u>CSFF</u>		Page 1 of		
Generator's Name & Mailing Address: <u>COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004</u>		US EPA ID Number: <u>NC6170022580</u>		
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp 290 River Oaks Dr Stella NC 28582 (910) 389-2365</u>		US EPA ID Number: _____		
Destination's Name, Mailing Address & Telephone Number: <u>ES & J Enterprises Inc 1555 Holland Dr Autryville NC 28318 (910) 567-6138</u>		US EPA ID Number: _____		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>Non HAZ Petroleum Contaminated Soil</u>	<u>001</u>	<u>TT</u>	<u>79580</u>	<u>LBS</u>
			<u>32600</u>	<u>TARE</u>
			<u>46980</u>	<u>NET</u>
			<u>23.49</u>	<u>TON</u>
Container/Tag Number: _____		Profile #: _____		
Lab: <u>SGS Environmental</u>				
Additional Information and Discrepancy Indication: <u>TEK# RES-02 CDL# NC24117356</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>				<u>7/23/06</u>
Transporter's Name		Signature:		Date:
<u>LASON SANDERSON</u>				<u>7/23/06</u>
Receiving Facility		Signature:		Date:
<u>ES & J</u>				<u>7-23-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document #: AS06005

Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address:		US EPA ID Number: <u>NC6170022580</u>		
COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004				
Generator's Telephone #:				
<u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number:		US EPA ID Number: _____		
<u>RES ENVIRONMENTAL CORP</u> <u>290 RIVER OAKS DR STELLA NC 28582</u>		<u>(910) 389-2365</u>		
Destination's Name, Mailing Address & Telephone Number:		US EPA ID Number: _____		
<u>ES & J Enterprises Inc</u> <u>1555 Holland Dr Aultryville NC 28318</u>		<u>(910) 567-6138</u>		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>Petroleum Contaminated Soil</u>	<u>001</u>	<u>QUAD</u>	<u>67500</u>	<u>LBS</u>
<u>NON HAZARDOUS</u>		<u>DUMP</u>	<u>26600</u>	<u>TRAC</u>
			<u>40900</u>	<u>NET</u>
			<u>20.45</u>	<u>TONS</u>
Container/Tag Number:		Profile #:		
Lab:				
Additional Information and Discrepancy Indication:				
<u>TRK^{1b} CMT 2</u> <u>COL# NC 1616761</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:	Date:	
<u>LARRY LANIER</u>			<u>7/23/06</u>	
Transporter's Name		Signature:	Date:	
<u>Roland CANUEL</u>			<u>7/23/06</u>	
Receiving Facility		Signature:	Date:	
<u>ES & J</u>			<u>7-23-06</u>	

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document #: A506005

Site: <u>CSEF</u>			Page 1 of	
Generator's Name & Mailing Address: <u>COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004</u>			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp 290 River Oaks Dr Stella NC 28582</u>			US EPA ID Number: <u>(910) 389-2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>ES&J Enterprises Inc 1555 Holland Dr Astryville NC 28318</u>			US EPA ID Number: <u>(910) 567-6138</u>	
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>Petroleum Contaminated Soil</u>		<u>TT</u>	<u>77100</u>	<u>LBS</u>
<u>NON HAZARDOUS</u>			<u>32680</u>	<u>TARE</u>
			<u>44420</u>	<u>NET</u>
			<u>22.21</u>	<u>TNS</u>
Container/Tag Number: Lab:		Profile #:		
Additional Information and Discrepancy Indication: <u>TRK# 57</u> <u>IDL 25957529</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>		<u>Larry Lanier</u>		<u>7/23/06</u>
Transporter's Name		Signature:		Date:
<u>Ashley Horne</u> Shipping Facility		<u>Ashley Horne</u>		<u>7/23/06</u>
<u>ES&J</u>		<u>Reed Wynn</u>		<u>7-23-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune

Non-Hazardous Waste Shipping Document

Document # ASD6005

Site: <u>CSFF</u>		Page 1 of	
Generator's Name & Mailing Address:		US EPA ID Number: <u>NC6170022580</u>	
COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004			
Generator's Telephone #:			
(910) 451-1482			
Transporter's Name, Mailing Address & Telephone Number:		US EPA ID Number: _____	
RES Environmental Corp 290 River Oaks Dr Stella NC 28582		(910) 384-2365	
Destination's Name, Mailing Address & Telephone Number:		US EPA ID Number: _____	
ES+J Enterprises Inc 1555 Holland Dr Autryville NC 28318		(910) 567-6138	
Waste Shipping Name and Description	Containers		Total Quantity
	Number	Type	
STROLEUM Contaminated Soil	001	TT	81,100 LBS
NON HAZARDOUS			32,280 TARS
			48,820 NET
			24.41 TONS
Container/Tag Number:		Profile #:	
Lab:			
Additional Information and Discrepancy Indication:			
TRK# CT8 CDL # NC 5082201			
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:			
Printed/Typed Name		Signature:	Date:
LARRY LANIER		<i>Larry Lanier</i>	7/23/06
Transporter's Name		Signature:	Date:
JAMES CAMPBELL		<i>James Campbell</i>	7/23/06
Shipping Facility		Signature:	Date:
ESEI		<i>Rick Wm.</i>	7-23-06

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

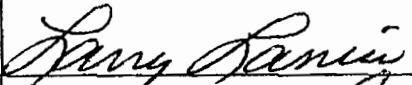
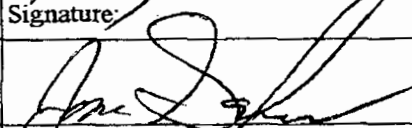
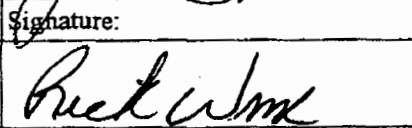
Document #: A506005

Site: <u>CSTF</u>		Page 1 of		
Generator's Name & Mailing Address:		US EPA ID Number: <u>NC6170022580</u>		
COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004				
Generator's Telephone #:		(910) 451-1482		
Transporter's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
<u>RES Environmental Corp</u> <u>290 RIVER OAKS DR STE 11A NO 28582</u>		(910) 389-2365		
Destination's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
<u>ES&I ENTERPRISES INC</u> <u>1555 Holland Dr Aubreyville NO 28318</u>		(910) 567-6138		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
PETROLEUM CONTAMINATED SOIL	081	TT	78580	LBS
NONE HAZARDOUS			36080	TARE
			42500	NET
			21.25	TONS
Container/Tag Number:		Profile #:		
Lab:				
Additional Information and Discrepancy Indication:				
<u>TRK# E-80</u> <u>CDL# NC 7268917</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:	Date:	
<u>LARRY LANIER</u>		<u>Larry Lanier</u>	<u>7/23/06</u>	
Transporter's Name		Signature:	Date:	
<u>LEE Collins</u>		<u>Lee Collins</u>	<u>7/23/06</u>	
Receiving Facility		Signature:	Date:	
<u>ES&I</u>		<u>Beck White</u>	<u>7-23-06</u>	

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # A506005

Site: <u>CSF</u>		Page 1 of 1		
Generator's Name & Mailing Address:		US EPA ID Number:		
COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		NC6170022580		
Generator's Telephone #:				
(910) 451-1482				
Transporter's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
RES Environmental Corp 290 RIVER OAKS DR STE 16 NC 28582		(910) 389-2365		
Destination's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
ES+J Enterprises Inc 1555 Holland Dr Aubreyville NC 28318		(910) 567-6138		
Waste Shipping Name and Description	Containers		Total Quantity	
	Number	Type		
			Units	
	PETROLEUM CONTAMINATED SOIL	001	DR	90620 LBS
	NON HAZARDOUS			32,600 TARE
			48020 NET	
			24.01 TONS	
Container/Tag Number:		Profile #:		
Lab: <u>SGS ENVIRONMENTAL SERVICES</u>				
Additional Information and Discrepancy Indication:				
TRK # <u>RES-02</u> CDL # <u>24117356</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:	Date:	
<u>LARRY LANIER</u>			<u>7/23/06</u>	
Transporter's Name		Signature:	Date:	
<u>Jason Sanderson</u>			<u>7/23/06</u>	
Receiving Facility		Signature:	Date:	
<u>ES&J</u>			<u>7-23-06</u>	

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # A5060053

Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		US EPA ID Number: <u>NC6170022580</u>		
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp</u> <u>290 River Oaks Dr, Stella NC 28582</u>		US EPA ID Number: <u>(910) 389-2365</u>		
Destination's Name, Mailing Address & Telephone Number: <u>ES+J Enterprises Inc</u> <u>1555 Holland Dr Aultryville NC 28318</u>		US EPA ID Number: <u>(910) 567-6138</u>		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>PETROLEUM Contaminated Soil</u>	<u>001</u>	<u>DT</u>	<u>70640</u>	<u>LBS</u>
<u>NON HAZARDOUS</u>			<u>26600</u>	<u>TARE</u>
			<u>44040</u>	<u>NET</u>
			<u>22.02</u>	<u>TONS</u>
Container/Tag Number: _____		Profile #: _____		
Lab: <u>SGS ENVIRONMENTAL SERVICES</u>				
Additional Information and Discrepancy Indication: <u>TRK# CMT-2</u> <u>CDL# 1616761</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name	Signature:		Date:	
<u>LARRY LANIER</u>			<u>2-23-06</u>	
Transporter's Name	Signature:		Date:	
			<u>7/23/06</u>	
Receiving Facility	Signature:		Date:	
<u>ES&J</u>			<u>7-23-06</u>	

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # AS06005

Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address:		US EPA ID Number:		
COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		NC6170022580		
Generator's Telephone #:				
(910) 451-1482				
Transporter's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
RES Environmental Corp 290 River Oaks Dr Stella NC 28582		(910) 389-2365		
Destination's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
ES & J Enterprises Inc 1555 Holland Dr Autryville NC 28318		(910) 567-6138		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
Petroleum Contaminated Soil	001	DT	79440	LBS
NON HAZARDOUS			32860	TRAC
			46580	NET
			23.29	TONS
Container/Tag Number:		Profile #:		
Lab: <u>SGS ENVIRONMENTAL SERVICES</u>				
Additional Information and Discrepancy Indication:				
<u>TRK #</u> <u>CID # 25957529</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:	Date:	
<u>LARRY LAWLER</u>		<u>Larry Lawler</u>		
Transporter's Name		Signature:	Date:	
<u>Autryville</u>			<u>7/23/06</u>	
Receiving Facility		Signature:	Date:	
<u>ES & J</u>		<u>Reed White</u>	<u>7-23-06</u>	

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

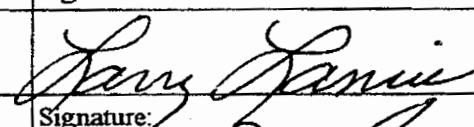
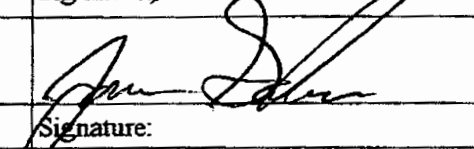
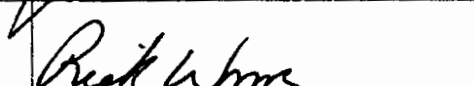
Document # A506005

Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address:		US EPA ID Number: <u>NC6170022580</u>		
COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004				
Generator's Telephone #:				
<u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number:		US EPA ID Number: _____		
<u>RES Environmental Corp</u> <u>290 RIVER OAKS DR STE 1A NC 28582</u>		<u>(910) 389-2365</u>		
Destination's Name, Mailing Address & Telephone Number:		US EPA ID Number: _____		
<u>ES+J Enterprises Inc</u> <u>1555 Holland Dr Aultryville NC 28318</u>		<u>(910) 567-6138</u>		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>PETROLEUM Contaminated Soil</u>	<u>001</u>	<u>DR</u>	<u>91980</u>	<u>LBS</u>
<u>NON HAZARDOUS</u>			~~91980~~	<u>TARE</u>
			<u>34000</u>	
			<u>47980</u>	<u>NET</u>
			<u>23.99</u>	<u>TONS</u>
Container/Tag Number:		Profile #:		
Lab: <u>SGS ENVIRONMENTAL SERVICES</u>				
Additional Information and Discrepancy Indication:				
<u>TRK# E80</u> <u>CDL# 7268917</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:	Date:	
<u>LARRY LANIER</u>		<u>[Signature]</u>	<u>7-23-06</u>	
Transporter's Name		Signature:	Date:	
<u>Lee Collins</u>		<u>[Signature]</u>	<u>7/23/06</u>	
Receiving Facility		Signature:	Date:	
<u>ES & J</u>		<u>[Signature]</u>	<u>7-23-06</u>	

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # 150600

Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address:		US EPA ID Number:		
COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		NC6170022580		
Generator's Telephone #:				
(910) 451-1482				
Transporter's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
RES Environmental Corp 290 River Oaks Dr Stella NC 28582 (910) 389-2365				
Destination's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
ES+J Enterprises Inc 1555 Holland Dr Aubreyville NC 28318 (910) 567-6138				
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
Petroleum Contaminated Soil	001	DR	79640	LBS
NON HAZARDOUS			32600	TRAC
			47040	NET
			23.52	TONS
Container/Tag Number:		Profile #:		
Lab: <u>SGS ENVIRONMENTAL SERVICES</u>				
Additional Information and Discrepancy Indication:				
<u>TRK #</u> <u>CN</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:	Date:	
<u>LARRY LANIER</u>				
Transporter's Name		Signature:	Date:	
<u>Jason Sanders</u>			<u>7/23/06</u>	
Shipping Facility		Signature:	Date:	
<u>ES & J</u>			<u>7-23-06</u>	

Return Original form to Generator

Marine Corps Base, Camp Lejeune

Non-Hazardous Waste Shipping Document

Document # 1506005

Site: <u>CSEF</u>			Page 1 of	
Generator's Name & Mailing Address: <u>COMMANDING GENERAL</u> <u>AC/S, I&E (EMD)</u> <u>MARINE CORPS BASE</u> <u>PSC BOX 20004</u> <u>CAMP LEJEUNE, NC 28542-0004</u>			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES ENVIRONMENTAL CORP</u> <u>290 RIVER OAKS DR STE 1A NC 28582</u>			US EPA ID Number: <u>(910) 389-2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>ES & J ENTERPRISES INC</u> <u>1555 HOLLAND DR AURGVILLE NC 28318</u>			US EPA ID Number: <u>(910) 567-6138</u>	
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>PETROLEUM CONTAMINATED SOIL</u>	<u>001</u>		<u>81420</u>	<u>LIBS</u>
<u>NON HAZARDOUS</u>			<u>34000</u>	<u>TAKE</u>
			<u>47420</u>	<u>NET</u>
			<u>23.71</u>	<u>TONS</u>
Container/Tag Number: Lab: <u>SGS ENVIRONMENTAL SERVICES</u>			Profile #:	
Additional Information and Discrepancy Indication: <u>TRK # E-80</u> <u>CIX # 7268917</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>		<u>Larry Lanier</u>		<u>7-24-06</u>
Transporter's Name		Signature:		Date:
<u>Lee Collins</u>		<u>Lee Collins</u>		<u>7-24-06</u>
Receiving Facility		Signature:		Date:
<u>ES & J</u>		<u>Reed Wynn</u>		<u>7-24-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document #: AS06006

Site: <u>CSFF</u>		Page 1 of		
Generator's Name & Mailing Address:		US EPA ID Number:		
COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		NC6170022580		
Generator's Telephone #:				
(910) 451-1482				
Transporter's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
RES ENVIRONMENTAL 290 RIVER OAKS DR STELLA NC 28582		(910) 389-2345		
Destination's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
ES&J ENTERPRISES INC 1555 HOLLAND DR AURORA NC 28315		(910) 567-6138		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
PETROLEUM CONTAMINATED SOIL	001		82000	LBS
NON HAZARDOUS			31920	TAKE
			50800	NET
			25.04	TONS
Container/Tag Number:		Profile #:		
Lab: <u>SGS ENVIRONMENTAL SERVICES</u>				
Additional Information and Discrepancy Indication:				
TEX# 15 CIDL# 1005394				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:	Date:	
LARRY LANIER		<i>Larry Lanier</i>	7-24-06	
Transporter's Name		Signature:	Date:	
ANDRE PROVOST		<i>Andre Provost</i>		
Shipping Facility		Signature:	Date:	
ES&J		<i>Beck Wm.</i>	7-24-06	

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # AS06006

Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address:		US EPA ID Number: <u>NC6170022580</u>		
COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004				
Generator's Telephone #:				
<u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number:		US EPA ID Number: _____		
<u>RES ENVIRONMENTAL Corp</u> <u>200 RIVER OAKS Dr Stella NC 28582</u>		<u>(910) 389-2365</u>		
Destination's Name, Mailing Address & Telephone Number:		US EPA ID Number: _____		
<u>ES + J Enterprises Inc</u> <u>1555 Holland Dr Aubreyville NC 28318</u>		<u>(910) 567-6138</u>		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>Petroleum Contaminated Soil</u>	<u>001</u>		<u>82600</u>	<u>LBS</u>
<u>NON HAZARDOUS</u>			<u>32280</u>	<u>TAKE</u>
			<u>50320</u>	<u>NET</u>
			<u>25.16</u>	<u>TONS</u>
Container/Tag Number:		Profile #:		
Lab: <u>SGS ENVIRONMENTAL SERVICES</u>				
Additional Information and Discrepancy Indication:				
<u>TRK # CT 8</u> <u>CIL # 5282201</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:	Date:	
<u>LARRY LANIER</u>		<u>[Signature]</u>	<u>7-24-06</u>	
Transporter's Name		Signature:	Date:	
<u>James Campbell</u>		<u>[Signature]</u>	<u>7-24-06</u>	
Receiving Facility		Signature:	Date:	
<u>ES & J</u>		<u>[Signature]</u>	<u>7-24-06</u>	

Return Original form to Generator

CT 0

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # AS060026

Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address:		US EPA ID Number:		
COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		NC6170022580		
Generator's Telephone #:				
(910) 451-1482				
Transporter's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
KES ENVIRONMENTAL CORP. 790 RIVER OAKS DR. STELLA, NC 28582		910-389-2365		
Destination's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
ES & J ENTERPRISES, INC 1555 HOLLAND DR. ANTEYVILLE, NC 28318		910-567-6138		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
PETROLEUM CONTAMINATED SOIL	001	DT	80280	LBS
NON-HAZARDOUS			31920	TARE
			48361	NET
			24.18	TONS
Container/Tag Number:		Profile #:		
Lab: <u>SGS ENVIRONMENTAL SERVICES</u>				
Additional Information and Discrepancy Indication:				
TRK # E-15 CDL # 1005394				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:	Date:	
LARRY LANIER		<i>Larry Lanier</i>	7-24-06	
Transporter's Name		Signature:	Date:	
Andell Provost		<i>Andell Provost</i>	7-24-06	
Receiving Facility		Signature:	Date:	
ES & J		<i>Reed Wm</i>	7-24-06	

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # AS06006

Site: <u>CSFF</u>			Page 1 of 1	
Generator's Name & Mailing Address: <u>COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004</u>			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES ENVIRONMENTAL CORP. 280 RIVER OAKS DR. STELLA, NC 28582</u>			US EPA ID Number: <u>910-389-2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>ES&J ENTERPRISES INC 1555 HOLLAND DR. AUSTRYVILLE, NC 28310</u>			US EPA ID Number: <u>910-567-6138</u>	
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>PETROLEUM CONTAMINATED SOIL</u>	<u>001</u>	<u>DT</u>	<u>82580</u>	<u>LBS</u>
<u>NON-HAZARDOUS</u>			<u>34000</u>	<u>TARE</u>
			<u>48580</u>	<u>NET</u>
			<u>24.29</u>	<u>TONS</u>
Container/Tag Number: Lab: <u>SGS ENVIRONMENTAL SERVICES</u>			Profile #:	
Additional Information and Discrepancy Indication: <u>TRK# B-80</u> <u>CDL#</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>		<u>Larry Lanier</u>		<u>7-24-06</u>
Transporter's Name		Signature:		Date:
<u>Lee Collins</u>		<u>Lee Collins</u>		<u>7-24-06</u>
Receiving Facility		Signature:		Date:
<u>ES&J</u>		<u>Reed Wm.</u>		<u>7-24-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # A5060064

Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		US EPA ID Number: <u>NC6170022580</u>		
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES ENVIRONMENTAL CORP.</u> <u>290 RIVER OAKS DR. STELLA, NC 28582</u>		US EPA ID Number: <u>910-389-2365</u>		
Destination's Name, Mailing Address & Telephone Number: <u>ES&J ENTERPRISES INC</u> <u>1555 HOLLAND RD. ATRYVILLE, NC 28318</u>		US EPA ID Number: <u>910-567-6138</u>		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>PETROLEUM CONTAMINATED SOIL</u>	<u>001</u>	<u>DT</u>	<u>80480</u>	<u>LBS</u>
<u>NON HAZARDOUS</u>			<u>32600</u>	<u>TRAIL</u>
			<u>47880</u>	<u>NET</u>
			<u>2394</u>	<u>TONS</u>
Container/Tag Number: Lab: <u>SGS ENVIRONMENTAL SERVICES</u>		Profile #:		
Additional Information and Discrepancy Indication: <u>TRK # RES-02</u> <u>CDL #</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name	Signature:	Date:		
<u>LARRY LANIER</u>	<u>Larry Lanier</u>	<u>7-24-06</u>		
Transporter's Name	Signature:	Date:		
<u>Jason Sanderson</u>	<u>Jason Sanderson</u>	<u>7-24-06</u>		
Receiving Facility	Signature:	Date:		
<u>RES&J</u>	<u>Reed Wynn</u>	<u>7-24-06</u>		

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document #: A506006

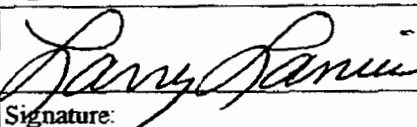
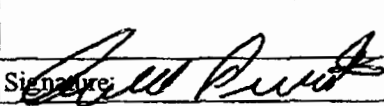
Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address:		US EPA ID Number:		
COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		NC6170022580		
Generator's Telephone #:				
(910) 451-1482				
Transporter's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
RES ENVIRONMENTAL CORP 290 RIVER OAKS DR STELLA NC 28582 (910) 389-2345				
Destination's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
ES & J ENTERPRISES 1555 HOLLAND DR AURRYVILLE NC 28318 (910) 567-6138				
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
PETROLEUM CONTAMINATED SOIL	001		80400	LBS
NON HAZARDOUS		34000	~~36050~~	TARE
		46400	~~44370~~	NET
		23.20	~~22.16~~	TONS
Container/Tag Number:		Profile #:		
Lab: <u>SGS ENVIRONMENTAL SERVICES</u>				
Additional Information and Discrepancy Indication:				
<u>TRK # E-80</u> <u>CDL #</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>		<u>Larry Lanier</u>		<u>7-25-06</u>
Transporter's Name		Signature:		Date:
<u>Lee Collins</u>		<u>Lee Collins</u>		<u>7-25-06</u>
Receiving Facility		Signature:		Date:
<u>Shelby Royal, ESDJ Enterprises Inc</u>		<u>Shelby Royal</u>		<u>7-25-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune

Non-Hazardous Waste Shipping Document

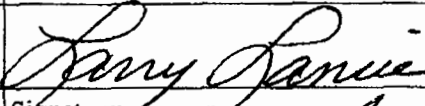
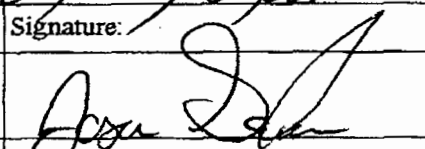
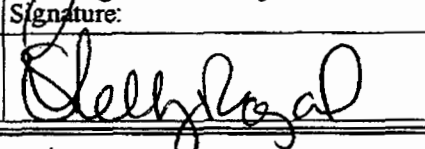
Document #: ASD60066

Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address:		US EPA ID Number:		
COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		NC6170022580		
Generator's Telephone #:				
(910) 451-1482				
Transporter's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
RES ENVIRONMENTAL CORP. 290 RIVER OAKS DR. STELLA, NC 28582		910-389-2365		
Destination's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
ES&J ENTERPRISES INC 1555 HOLLAND DR. AUTEYVILLE, NC 28318		910-567-6138		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
PETROLEUM CONTAMINATED SOIL	001	DT	82760	LBS
NON-HAZARDOUS			31920	TALE
			50840	NET
			25.42	TONS
Container/Tag Number:		Profile #:		
Lab: <u>SGS ENVIRONMENTAL SERVICES</u>				
Additional Information and Discrepancy Indication:				
TRK# <u>E-15</u> CDL# <u>1005384</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:	Date:	
<u>LARRY LANIER</u>			<u>7-25-06</u>	
Transporter's Name		Signature:	Date:	
<u>Andell Provost</u>			<u>7-25-06</u>	
Shipping Facility		Signature:	Date:	
<u>CS&J Enterprises Inc</u>				

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # A506006

Site: <u>CSFF</u>			Page 1 of 1	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES ENVIRONMENTAL, INC</u> <u>290 RIVER OAKS DR. STELLA, NC 28582</u>			US EPA ID Number: <u>910-389-2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>ESTJ ENTERPRISES, INC</u> <u>1555 HOLLAND DR. AURIVILLE, NC 28318</u>			US EPA ID Number: <u>910-567-6138</u>	
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>PETROLEUM CONTAMINATED SOIL</u>	<u>001</u>	<u>DT</u>	<u>78420</u>	<u>LBS</u>
<u>NON-HAZARDOUS</u>			<u>32600</u>	<u>TAKE</u>
			<u>45820</u>	<u>NET</u>
			<u>22.91</u>	<u>TONS</u>
Container/Tag Number: Lab: <u>SGS ENVIRONMENTAL SERVICES</u>		Profile #:		
Additional Information and Discrepancy Indication: <u>TRK # RES-02</u> <u>CDL #</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>				<u>7-25-06</u>
Transporter's Name		Signature:		Date:
<u>Jason Sanchez</u>				<u>7-25-06</u>
Shipping Facility		Signature:		Date:
<u>Shelby Royal, ESTJ Enterprises</u>				<u>7-25-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # A5060069

Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address: <u>COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004</u>		US EPA ID Number: <u>NC6170022580</u>		
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES ENVIRONMENTAL CORP. 290 RIVER OAKS DR. ZEBED STALLA, NC 28582 910-389-2365</u>		US EPA ID Number: _____		
Destination's Name, Mailing Address & Telephone Number: <u>ES&J ENTERPRISES, INC 1555 HOLLAND RD. ATRYVILLE, NC 28318 910-567-6138</u>		US EPA ID Number: _____		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>ESTROLEUM CONTAMINATED SOIL</u>	<u>001</u>	<u>DT</u>	<u>79260</u>	<u>LBS</u>
<u>NON-HAZARDOUS</u>			<u>33260</u>	<u>TAKE</u>
			<u>46000</u>	<u>NET</u>
			<u>23.00</u>	<u>TONS</u>
Container/Tag Number: _____		Profile #: _____		
Lab: <u>SGS ENVIRONMENTAL SERVICES</u>				
Additional Information and Discrepancy Indication: <u>TRK# CT1</u> <u>CDL4</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>		<u>Larry Lanier</u>		<u>7-25-06</u>
Transporter's Name		Signature:		Date:
<u>ELIC SANDERS</u>		<u>Elic Sanders</u>		<u>7-25-06</u>
Accepting Facility		Signature:		Date:
<u>ES&J Enterprises Inc.</u>		<u>J. Lanier</u>		<u>7-25-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # A5060069

Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address:		US EPA ID Number:		
COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		NC6170022580		
Generator's Telephone #:				
(910) 451-1482				
Transporter's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
<u>RES ENVIRONMENTAL, INC</u> <u>290 RIVER OAKS DR. STELLA, NC 28582</u>		<u>910-389-2365</u>		
Destination's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
<u>ES&J ENTERPRISES, INC</u> <u>1555 HOLLAND RD. ANTRYVILLE, NC 28318</u>		<u>910-567-6138</u>		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>PETROLEUM CONTAMINATED SOIL</u>	<u>001</u>	<u>DT</u>	<u>82760</u>	<u>LBS</u>
<u>NON-HAZARDOUS</u>			<u>32280</u>	<u>TARE</u>
			<u>50480</u>	<u>NET</u>
			<u>25.24</u>	<u>TONS</u>
Container/Tag Number:		Profile #:		
Lab: <u>SGS ENVIRONMENTAL SERVICES</u>				
Additional Information and Discrepancy Indication:				
<u>TRK# CT-8</u> <u>CDL# 5282201</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>		<u>[Signature]</u>		<u>7-25-06</u>
Transporter's Name		Signature:		Date:
<u>James Campbell</u>		<u>[Signature]</u>		<u>7-25-06</u>
Shipping Facility		Signature:		Date:
<u>ES&J Enterprises Inc.</u>		<u>[Signature]</u>		<u>7-25-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # A506007

Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address: <u>COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004</u>		US EPA ID Number: <u>NC6170022580</u>		
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp 290 River Oaks Dr Stella NC 28582</u>		US EPA ID Number: <u>(910) 389-2365</u>		
Destination's Name, Mailing Address & Telephone Number: <u>ES + J Enterprises Inc 1555 Holland Dr Auverville NC 28318</u>		US EPA ID Number: <u>(910) 567-6138</u>		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>PETROLEUM Contaminated Soil</u>	<u>001</u>		<u>79060</u>	<u>LBS</u>
<u>NON HAZARDOUS</u>			<u>31920</u>	<u>TAKE</u>
			<u>47140</u>	<u>NET</u>
			<u>23.57</u>	<u>TONS</u>
Container/Tag Number: Lab: <u>SGS ENVIRONMENTAL SERVICES</u>		Profile #:		
Additional Information and Discrepancy Indication: <u>TRK # E-15</u> <u>CNL # 1005794</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:	Date:	
<u>LARRY LANIER</u>		<u>Larry Lanier</u>	<u>7-25-06</u>	
Transporter's Name		Signature:	Date:	
<u>Andell Proctor</u>		<u>Andell Proctor</u>	<u>7-25-06</u>	
Shipping Facility		Signature:	Date:	
<u>Stanley E. St. J.</u>		<u>Stanley E. St. J.</u>	<u>7/25/06</u>	

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # A5060072

Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		US EPA ID Number: <u>NC6170022580</u>		
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES ENVIRONMENT CORP.</u> <u>28582</u> <u>290 RIVER OAKS DR. STELLA, NC</u> <u>910-389-2365</u>		US EPA ID Number: _____		
Destination's Name, Mailing Address & Telephone Number: <u>ES+J ENTERPRISES, INC</u> <u>1555 HOLLAND DR. AUTRYVILLE, NC 28318</u> <u>910 567-6138</u>		US EPA ID Number: _____		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>Petroleum Contaminated Soil</u>	<u>001</u>	<u>DT</u>	<u>78820</u>	<u>LBS</u>
<u>NON-HAZARDOUS</u>			<u>32600</u>	<u>TARE</u>
			<u>46220</u>	<u>NET</u>
			<u>23.11</u>	<u>Tons</u>
Container/Tag Number: _____		Profile #: _____		
Lab: <u>SFS ENVIRONMENTAL SERVICES</u>				
Additional Information and Discrepancy Indication: <u>TRK #RES-02</u> <u>CDL #</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>		<u>Larry Lanier</u>		<u>7-25-06</u>
Transporter's Name		Signature:		Date:
<u>Jason Sanders</u>		<u>Jason Sanders</u>		<u>7-25-06</u>
Receiving Facility		Signature:		Date:
<u>Advanced ESG Enterprises One</u>		<u>Rick Williams</u>		<u>7/25/06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # 4506007

Site: <u>CSFF</u>			Page 1 of 1	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES ENVIRONMENTAL CORP</u> <u>290 RIVER OAKS DR STELLA NC 28582</u>			US EPA ID Number: <u>910 384-2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>EST ENTERPRISES, INC</u> <u>1535 HOLLAND DR, AUTEYVILLE, N.C 28318</u>			US EPA ID Number: <u>910-567-6138</u>	
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>PETROLEUM Contaminated Soil</u>	<u>001</u>	<u>DT</u>	<u>78960</u>	<u>LBS</u>
<u>NON-HAZARDOUS</u>			<u>32280</u>	<u>TARE</u>
			<u>46680</u>	<u>NET</u>
			<u>23.34</u>	<u>TONS</u>
Container/Tag Number: <u>Lab: SGS ENVIRONMENTAL Services</u>		Profile #:		
Additional Information and Discrepancy Indication: <u>TRK # CT-8</u> <u>CDL# 5282201</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>		<u>Larry Lanier</u>		<u>7-25-06</u>
Transporter's Name		Signature:		Date:
<u>James Campbell</u>		<u>James Campbell</u>		<u>7-25-06</u>
Shipping Facility		Signature:		Date:
<u>Est Enterprises</u>		<u>DFARCIOTH</u>		<u>7-25-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # A506007

Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		US EPA ID Number: <u>NC6170022580</u>		
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES ENVIRONMENTAL CORP</u> <u>290 RIVER OAKS DR STELLA NC 28582</u> <u>910 389-2365</u>		US EPA ID Number: _____		
Destination's Name, Mailing Address & Telephone Number: <u>ESTT ENTERPRISES, INC</u> <u>1555 HOLLAND DR AURRYVILLE, N.C 28318</u> <u>910 567-6138</u>		US EPA ID Number: _____		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>Petroleum Contaminated Soil</u>	<u>001</u>	<u>DT</u>	<u>800200</u>	<u>LBS</u>
<u>NON Hazardous</u>			<u>33260</u>	<u>TARE</u>
			<u>46840</u>	<u>NET</u>
			<u>23.47</u>	<u>TONS</u>
Container/Tag Number: _____		Profile #: _____		
Lab: <u>SGS ENVIRONMENTAL SERVICES</u>				
Additional Information and Discrepancy Indication: <u>TRK # CT-1</u> <u>CDL #</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>		<u>Larry Lanier</u>		<u>7-25-06</u>
Transporter's Name		Signature:		Date:
<u>FELIC SANDERS</u>		<u>Felic Sanders</u>		<u>7-25-06</u>
Shipping Facility		Signature:		Date:
<u>ENVIRONMENTAL ENTERPRISES</u>		<u>Enviro Enterprises</u>		<u>7-25-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

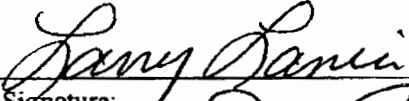
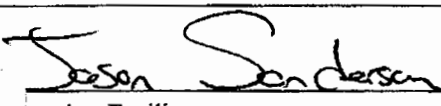
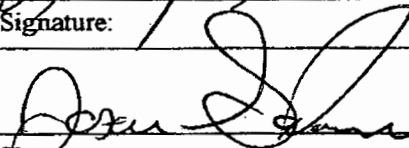
Document # A5060073

Site: <u>CSFF</u>			Page 1 of 1	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: RES Environmental Corp. 290 River Oaks Dr. Stella, NC 28542			US EPA ID Number: <u>910-389-2365</u>	
Destination's Name, Mailing Address & Telephone Number: ESTJ Enterprises, Inc 1555 Holland Dr. Artryville, NC 28318			US EPA ID Number: <u>910-567-6138</u>	
Waste Shipping Name and Description	Containers Number	Type	Total Quantity	Units
<u>Petroleum Contaminated Soil</u>	<u>001</u>	<u>DT</u>	<u>18280</u>	<u>LBS</u>
<u>Non-Hazardous</u>			<u>34000</u>	<u>Tare</u>
			<u>44280</u>	<u>Net</u>
			<u>22.14</u>	<u>TONS</u>
Container/Tag Number: Lab: <u>SES Environmental Services</u>			Profile #:	
Additional Information and Discrepancy Indication:				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by: <u>TRK# E-80</u>				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>		<u>Larry Lanier</u>		<u>07.26.06</u>
Transporter's Name		Signature:		Date:
<u>Lee Collins</u>		<u>Lee Collins</u>		<u>07.26.06</u>
Receiving Facility		Signature:		Date:
<u>ES&J</u>		<u>Butt Wynn</u>		<u>7-26-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # A506007

Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		US EPA ID Number: <u>NC6170022580</u>		
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp.</u> <u>290 River Oaks Dr. Stella, NC 28542</u>		US EPA ID Number: <u>910-389-2365</u>		
Destination's Name, Mailing Address & Telephone Number: <u>ES & J Enterprises, Inc.</u> <u>1555 Holland Dr. Autryville, NC 28318</u>		US EPA ID Number: <u>910-567-6138</u>		
Waste Shipping Name and Description	Number	Type	Total Quantity	Units
<u>Petroleum Contaminated Soil</u>	<u>001</u>	<u>TT</u>	<u>80120</u>	<u>LBS</u>
<u>Non-Hazardous</u>			<u>32600</u>	<u>Tare</u>
			<u>47520</u>	<u>Net</u>
			<u>23.76</u>	<u>TONS</u>
Container/Tag Number: Lab: <u>SGS Environmental Services</u>		Profile #: _____		
Additional Information and Discrepancy Indication: <u>TRK# RES-02</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name	Signature:		Date:	
<u>LARRY LANIER</u>			<u>07.26.06</u>	
Transporter's Name	Signature:		Date:	
			<u>07.26.06</u>	
Receiving Facility	Signature:		Date:	
<u>ES & J</u>			<u>7-26-06</u>	

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

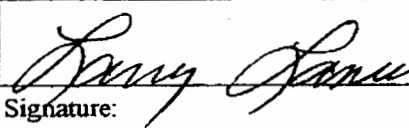
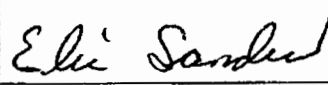
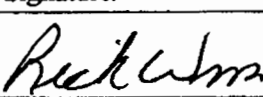
Document # 1506007

Site: <u>CSFF</u>			Page 1 of 1	
Generator's Name & Mailing Address: <u>COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004</u>			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp. 290 River Oaks Dr. Stella, NC 28542</u>			US EPA ID Number: <u>910-389-2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>EST Enterprises, Inc. 1555 Holland Dr. Auburnville, NC 28318</u>			US EPA ID Number: <u>910-567-6138</u>	
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>Petroleum Contaminated Soil</u>	<u>001</u>	<u>TT</u>	<u>82160</u>	<u>LBS</u>
<u>Non-Hazardous</u>			<u>32280</u>	<u>Tare</u>
			<u>49880</u>	<u>Net</u>
			<u>24.94</u>	<u>Tons</u>
Container/Tag Number: <u>Lab: SGS Environmental Services</u>		Profile #: _____		
Additional Information and Discrepancy Indication: <u>TRK# CT8</u> <u>5282201</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name		Signature:		Date:
<u>LARRY LANIER</u>		<u>Larry Lanier</u>		<u>07.26.06</u>
Transporter's Name		Signature:		Date:
<u>James Campbell</u>		<u>James Campbell</u>		<u>07.26.06</u>
Receiving Facility		Signature:		Date:
<u>ES&I</u>		<u>Reck Wynn</u>		<u>7-26-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

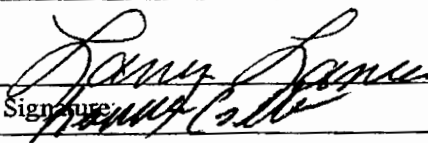
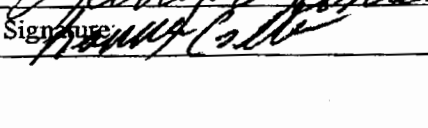
Document # A5060079

Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address:		US EPA ID Number:		
COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		NC6170022580		
Generator's Telephone #:				
(910) 451-1482				
Transporter's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
RES Environmental Corp. 290 River Oaks Dr. Stella, NC 28542		910-389-2365		
Destination's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
EST Enterprises, Inc. 1555 Holland Dr. Autryville, NC 28318		910-567-6138		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
Petroleum Contaminated Soil	001	TT	79580	LBS
Non-Hazardous			33260	Tare
			46320	Net
			23.16	Tons
Container/Tag Number:		Profile #:		
Lab: <u>SGS Environmental Services</u>				
Additional Information and Discrepancy Indication:				
<u>TRK# CT-1</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by:				
Printed/Typed Name	Signature:	Date:		
<u>LARRY LANIER</u>		<u>07.26.06</u>		
Transporter's Name	Signature:	Date:		
<u>ELIC SANDRAS</u>		<u>07.26.06</u>		
Shipping Facility	Signature:	Date:		
<u>ES & J</u>		<u>7-26-06</u>		

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

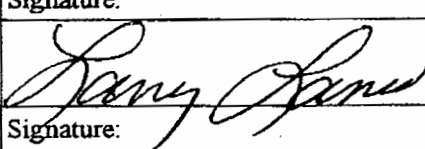
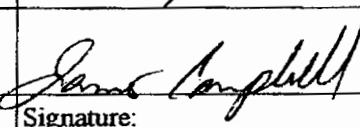
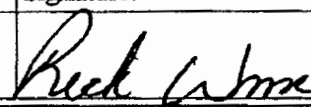
Document #: AS0600

Site: <u>CSFF</u>		Page 1 of 1		
Generator's Name & Mailing Address:		US EPA ID Number: <u>NC6170022580</u>		
COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004				
Generator's Telephone #:				
(910) 451-1482				
Transporter's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
<u>RES Environmental Corp.</u> <u>290 River Oaks Dr., Stella, NC 28542</u>		<u>910-389-2365</u>		
Destination's Name, Mailing Address & Telephone Number:		US EPA ID Number:		
<u>ESU Enterprises, Inc.</u> <u>1555 Holland Dr. Avtryville, NC 28318</u>		<u>910-567-6138</u>		
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>Petroleum Contaminated Soil</u>	<u>001</u>	<u>TT</u>	<u>80740</u>	<u>LBS</u>
<u>Non-Hazardous</u>			<u>31880</u>	<u>Tare</u>
			<u>48860</u>	<u>Net</u>
			<u>24.43</u>	<u>Tons</u>
Container/Tag Number:		Profile #:		
Lab: <u>SGS Environmental Services</u>				
Additional Information and Discrepancy Indication:				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by: <u>TRK# A-25</u>				
Printed/Typed Name		Signature:	Date:	
<u>LARRY LANIER</u>			<u>07-26-06</u>	
Transporter's Name		Signature:	Date:	
<u>Loan's Call</u>			<u>07-26-06</u>	
Receiving Facility		Signature:	Date:	
<u>ES&I</u>			<u>7-26-06</u>	

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # 1506006

Site: <u>CSFF</u>			Page 1 of 1	
Generator's Name & Mailing Address: <u>COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004</u>			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp. 290 River Oaks Dr. Stella, NC 28542</u>			US EPA ID Number: <u>910-389-2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>ES&I Enterprises Inc. 1555 Holland Dr. Autryville, NC 28318</u>			US EPA ID Number: <u>910-567-6138</u>	
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>Petroleum Contaminated Soil</u>	<u>001</u>	<u>TT</u>	<u>79680</u>	<u>LBS</u>
<u>Non-Hazardous</u>			<u>32280</u>	<u>Tare</u>
			<u>47400</u>	<u>Net</u>
			<u>23.70</u>	<u>Tons</u>
Container/Tag Number: Lab: <u>S&S Environmental Services</u>			Profile #:	
Additional Information and Discrepancy Indication: <u>528220/</u>				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by: <u>TRK# CT-8</u>				
Printed/Typed Name			Signature:	Date:
<u>LARRY LANIER</u>				<u>07.26.06</u>
Transporter's Name			Signature:	Date:
<u>James Campbell</u>				<u>07.26.06</u>
Shipping Facility			Signature:	Date:
<u>ES&I</u>				<u>7.26.06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

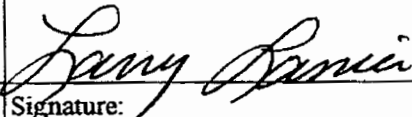
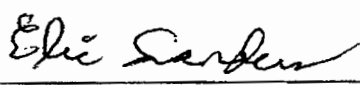
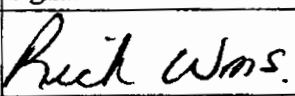
Document # 1506008

Site: <u>CSFF</u>			Page 1 of 1	
Generator's Name & Mailing Address: <u>COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004</u>			US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>				
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp. 290 River Oaks Dr. Stella, NC 28542</u>			US EPA ID Number: <u>910-389-2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>ES&J Enterprises Inc. 1555 Holland Dr. Autryville, NC 28318</u>			US EPA ID Number: <u>910-567-6138</u>	
Waste Shipping Name and Description	Containers		Total Quantity	Units
	Number	Type		
<u>Petroleum Contaminated Soil</u>	<u>001</u>	<u>TT</u>	<u>82340</u>	<u>LBS</u>
<u>Non-Hazardous</u>			<u>34000</u>	<u>Tare</u>
			<u>48340</u>	<u>Net</u>
			<u>24.17</u>	<u>TONS</u>
Container/Tag Number: <u>Lab: SES Environmental Services</u>			Profile #:	
Additional Information and Discrepancy Indication:				
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by: <u>TRK# E80</u>				
Printed/Typed Name			Signature:	Date:
<u>LARRY LANIER</u>			<u>[Signature]</u>	<u>07-26-06</u>
Transporter's Name			Signature:	Date:
<u>Lee Collins</u>			<u>[Signature]</u>	<u>07-26-06</u>
Shipping Facility			Signature:	Date:
<u>ES&J</u>			<u>[Signature]</u>	<u>7-26-06</u>

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document # A506008

Site: <u>CSFF</u>		Page 1 of <u>1</u>	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>			
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp.</u> <u>290 River Oaks Dr. Stella, NC 28542</u>		US EPA ID Number: <u>910-389-2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>ES&J Enterprises Inc.</u> <u>1555 Holland Dr. Autryville, NC 28318</u>		US EPA ID Number: <u>910-567-6138</u>	
Waste Shipping Name and Description	Containers Number Type	Total Quantity	Units
<u>Petroleum Contaminated Soil</u>	<u>001</u> <u>TT</u>	<u>80360</u>	<u>LBS</u>
<u>Non-Hazardous</u>		<u>33260</u>	<u>Tare</u>
		<u>47100</u>	<u>Net</u>
		<u>23.55</u>	<u>Tons</u>
Container/Tag Number: <u>Lab: SOLS Environmental Services</u>		Profile #:	
Additional Information and Discrepancy Indication:			
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by: <u>TRK# CT-1</u>			
Printed/Typed Name	Signature:	Date:	
<u>LARRY LANIER</u>		<u>07-26-06</u>	
Transporter's Name	Signature:	Date:	
<u>ELIC SANDERS</u>		<u>07-26-06</u>	
Shipping Facility	Signature:	Date:	
<u>ES & J</u>		<u>7-26-06</u>	

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

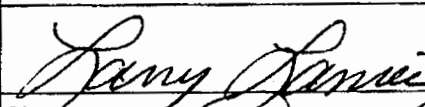
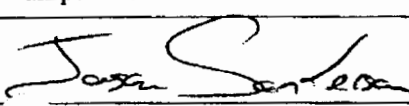
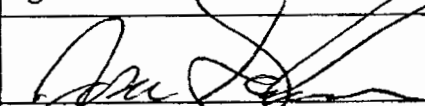
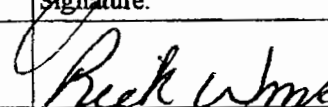
Document # AS060083

Site: <u>CSFF</u>		Page 1 of 1	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>			
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp.</u> <u>290 River Oaks Dr. Stella, NC 28542</u>		US EPA ID Number: <u>910-389-2365</u>	
Destination's Name, Mailing Address & Telephone Number: <u>ESI Enterprises Inc.</u> <u>1555 Holland Dr. Aultryville, NC 28318</u>		US EPA ID Number: <u>910-567-6138</u>	
Waste Shipping Name and Description	Containers Number Type	Total Quantity	Units
<u>Petroleum Contaminated Soil</u>	<u>001</u> <u>TT</u>	<u>82040</u>	<u>LBS</u>
<u>Non-Hazardous</u>		<u>31880</u>	<u>Tare</u>
	<u>50160</u>	<u>~~31880~~</u>	<u>Net</u>
		<u>85.06</u>	<u>Tons</u>
Container/Tag Number: Lab: <u>SGS Environmental Services</u>		Profile #:	
Additional Information and Discrepancy Indication:			
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by: <u>TRK# A-25</u>			
Printed/Typed Name	Signature:	Date:	
<u>LARRY LANIER</u>	<u>Larry Lanier</u>	<u>07.26.06</u>	
Transporter's Name	Signature:	Date:	
<u>Lanier Collins</u>	<u>Lanier Collins</u>	<u>07.26.06</u>	
Shipping Facility	Signature:	Date:	
<u>ESI</u>	<u>Reed Wilson</u>	<u>7-26-06</u>	

Return Original form to Generator

Marine Corps Base, Camp Lejeune Non-Hazardous Waste Shipping Document

Document #: A506008

Site: <u>CSFF</u>		Page 1 of 1	
Generator's Name & Mailing Address: COMMANDING GENERAL AC/S, I&E (EMD) MARINE CORPS BASE PSC BOX 20004 CAMP LEJEUNE, NC 28542-0004		US EPA ID Number: <u>NC6170022580</u>	
Generator's Telephone #: <u>(910) 451-1482</u>			
Transporter's Name, Mailing Address & Telephone Number: <u>RES Environmental Corp.</u> <u>290 River Oaks Dr. Stella, NC 28542</u>		US EPA ID Number: <u>910-389-2365</u>	
Destination's Name, Mailing Address & Telephone Number:		US EPA ID Number: <u>910-567-6138</u>	
Waste Shipping Name and Description	Containers	Total Quantity	Units
	Number	Type	
<u>Petroleum Contaminated Soil</u>	<u>001</u>	<u>TT</u>	<u>79320</u>
<u>Non-Hazardous</u>			<u>32600</u>
			<u>46720</u>
			<u>23.36</u>
			<u>TONS</u>
Container/Tag Number: <u>Lab: SGS Environmental Services</u>		Profile #:	
Additional Information and Discrepancy Indication:			
GENERATOR'S STATEMENT: The materials described above on this shipping document are not subject to federal regulations for proper disposal of hazardous waste. The determination of non-hazardous waste and the information on this form are based on the analysis provided by: <u>TRK# RES-02</u>			
Printed/Typed Name	Signature:	Date:	
<u>LARRY LANIER</u>		<u>07.26.06</u>	
Transporter's Name	Signature:	Date:	
		<u>07.26.06</u>	
Shipping Facility	Signature:	Date:	
<u>ES&J</u>		<u>7-26-06</u>	

Return Original form to Generator