N60200.AR.002125
NAS CECIL FIELD, FL
5090.3a

SOURCE REMOVAL REPORT REVISION 1 FOR UNDERGROUND STORAGE TANK G880B

NAS CECIL FIELD FL

10/1/1999

CH2MHILL CONSTRUCTORS INC

SOURCE REMOVAL REPORT
Revision No.: 01

UST G880B

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

Unit Identification Code: N60200
Contract No. N62467-98-D-0995, CTO No. 0002

October 1999

Prepared for:

Department of the Navy, Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
North Charleston, South Carolina 29418

Release of this document requires the prior notification of the chief official of the activity studied.

SOURCE REMOVAL REPORT
Revision No.: 01

UST G880B

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

Unit Identification Code: N60200
Contract No. N62467-98-D-0995, CTO No. 0002

Prepared by:
CH2M HILL Constructors, Inc.
115 Perimeter Center Place, N.E., Suite 700
Atlanta, Georgia 30346

Prepared for:
Department of the Navy, Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
North Charleston, South Carolina 29418

Bryan Kizer, Engineer-in-Charge

October 1999

CERTIFICATION OF TECHNICAL
DATA CONFORMITY (OCTOBER 1999)

The contractor, CH2M HILL Constructors, Inc., hereby certifies that, to the best of its knowledge and belief, the technical data delivered herewith under Contract No. N62467-98-D-0995, Contract Task Order (CTO) No. 0002 are complete and accurate and comply with all requirements of this contract.

DATE: October 27, 1999

NAME AND TITLE OF CERTIFYING OFFICIAL:

Norman N. Hatch, Jr., P.E.
Contract Task Order Manager

TABLE OF CONTENTS

Chapter	Title	Page No.	Revision No.	Date
GLOSSARY				
SOURCE REMOVAL CHECKLIST				
1.0	Introduction	1-1	01	10/15/99
1.1	Site Background	1-1	01	10/15/99
1.2	Project Objectives	1-1	01	10/15/99
2.0	Source Removal Activities	2-1	01	10/15/99
2.1	Site Preparation	2-1	01	10/15//99
2.2	Soil Excavation and Disposal	2-1	01	10/15/99
2.2.1	Soil Excavation	2-1	01	10/15/99
2.2.2	Soil Transportation and Disposal	2-1	01	10/15/99
2.2.3	Backfilling and Site Restoration	2-1	01	10/15/99
2.3	Sampling and Analysis	2-3	01	10/15/99
2.3.1	Head Space Analysis	2-3	01	10/15/99
2.3.2	KAG Analysis	2-3	01	10/15/99
3.0	Conclusions	3-1	01	10/15/99

REFERENCES

APPENDICES

Appendix A: Photographs

Appendix B: Well Abandonment Report

Appendix C: Soil Disposal Manifests

Appendix D: Clean Fill Certification

Appendix E: Laboratory Report of KAG Analyses

LIST OF FIGURES

Figure	Title	Page No.	Revision No.	Date
1-1	Existing Conditions	1-1	00	03/05/99
2-1	Soil Excavation Area (1/18/99 excavation)	2-3	00	03/05/99
2-2	Soil Excavation (9/27-9/28/99 Excavation)	2-4	01	10/26/99

LIST OF TABLES

Table	Title	Page No.	Revision No.	Date
2-1	Summary of Manifests	2-2	01	10/15/99
2-2	Summary of Headspace Screening Results	2-5	01	10/15/99
2-3	Summary of KAG Analyses Results (1/18/99Excavation)	2-6	01	10/26/99
2-4	Summary of KAG Analytical results (9/27-9/28/99 Excavation)	2-6	01	10/26/99

GLOSSARY

ABB	ABB Environmental Services, Inc.
bls	below land surface
CCI	CH2M HILL Constructors Inc.
CTO	Contract Task Order
FAC	Florida Administrative Code
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
FID	flame ionization detector
HLA	Harding Lawson Associates
KAG	kerosene analytical group
NAS	Naval Air Station
OVA	organic vapor analyzer
PAHs	polynuclear aromatic hydrocarbons
PID	photoionization detector
ppm	parts per million
SA	Site Assessment
SCTLs	selected soil cleanup target levels
SJRWMD	St. Johns River Water Management District
SOUTHNAV-FACENGCOM	Southern Division, Naval Facilities Engineering Command
TRPH	total recoverable petroleum hydrocarbons
UST	underground storage tank
VOCs	volatile organic compounds

SOURCE REMOVAL REPORT REQUIREMENTS – *CHECKLIST*

Per FAC 62-770.300(3) the Source Removal Report shall contain the following information in detail, as applicable:

Site Name: UST G880B **Date(s) of Source Removal: 1/18/99**

Required Information	Response
1. Volume of product that was discharged, if known	*Unknown*
2. Volume of free product and the volume of groundwater recovered	*No free product found*
3. Volume of contaminated soil excavated and treated or properly disposed	*56.58 tons of soil excavated and disposed of offsite*
4. Disposal or recycling methods for free product and contaminated soil	*Contaminated soils recycled at Kedesh, Inc., Kingsland, Georgia*
5. Disposal methods for other contaminated media	*No other contaminated media*
6. Scaled site map (including a graphical representation of the scale used) showing location(s) of free product recovered and the area of soil removed or treated and the approximate locations of all samples taken	*See Figure 2-1*
7. Table summarizing free product thickness in each monitoring well or piezometer and the dates the measurements were made	*No free product found*
8. Type of field screening instrument or method used	*OVA/FID and PID*
9. Dimensions of the excavation(s) and location(s), integrity, capacities and last known contents of storage tanks, integral piping, dispensers, or appurtenances removed	*Excavation area:14 feet long x10 feet wide x 8 feet deep (see Figure 2-1)* *275-gallon UST, contained diesel (see Figure 1-1)*
10. Dimensions of the excavation(s) and location(s) and capacities of replacement underground storage tanks	*Not Applicable. No replacement UST installed*
11. Table indicating the identification, depth and field soil screening results of each sample collected	*See Table 2-2*
12. Depth to groundwater at the time of each excavation, measurement locations and method used to obtain that information	*Depth to groundwater approximately 8 feet bls. Measured in monitoring wells CEF-880-1S, and by visual observation (See Section 2.2.1)*
13. Type of petroleum or petroleum products discharged	*Diesel*
14. Documentation confirming the proper treatment or proper disposal of the free product or contaminated soil, including disposal manifests for free product, a copy of the treatment or acceptance of the contaminated soil and results of analyses, if performed	*See Table 2-1 and Appendix C*
15. For land farmed soil, a copy of the pre-treatment and post-treatment analytical results	*Not Applicable. Soil disposed of offsite*

1.0 INTRODUCTION

CH2M HILL Constructors, Inc. (CCI) was contracted by the Southern Division Naval Facilities Engineering Command (SOUTHNAVFACENGCOM) to excavate petroleum-contaminated soil and prepare a Source Removal Report for the Underground Storage Tank (UST) Site G880B at Naval Air Station (NAS) Cecil Field in Jacksonville, Florida. The Source Removal was conducted in accordance with the Florida Department of Environmental Protection (FDEP) Petroleum Contamination Site Cleanup rule 62-770, Florida Administrative Code (FAC).

The scope of services for excavation of petroleum-contaminated soils at UST G880B is described in detail in the NAS Cecil Field Basewide Work Plan, Revision 1 (CCI, 1998a) and the Work Plan Addendum No. 1, Revision 1 (CCI, 1998b). This work was authorized under the Remedial Action Contract No. N62467-98-D-0995, Contract Task Order (CTO) No. 0002.

1.1 SITE BACKGROUND. UST G880B was a 375-gallon diesel tank located on the Main Base of NAS Cecil Field. The tank was located at Building 880, which housed electronic equipment and operations for Radar Air Traffic Control. UST G880B was installed in 1976 and removed May 12, 1997. No soil was excavated at the time the UST was removed (ABB, 1997). Subsequently, excessively contaminated soils were identified around UST G880B during the Site Assessment (SA) and a Source Removal was recommended (HLA, 1998). The proposed limits of the excavation area were determined during the SA by using both headspace analysis and laboratory analyses. A site plan showing the results of the SA soil delineation and the site conditions prior to the Source Removal is presented in Figure 1-1.

1.2 PROJECT OBJECTIVES. The primary objective of the soil excavation at UST G880B was to remove petroleum-contaminated soils that exceed the Selected Soil Cleanup Target Levels (SCTLs) outlined in FAC 62-770. FDEP allows the use of headspace analysis as a screening tool in evaluating whether the soil samples exceed the SCTLs. Under headspace analysis, soil samples are screened using an organic vapor analyzer (OVA) equipped with a flame ionization detector (FID) in accordance with the procedures outlined in FAC 62-770.200(8). Soils with an OVA reading exceeding 50 part per million (ppm), based on the kerosene analytical group (KAG), are considered to be excessively contaminated and are expected to contain constituents exceeding the SCTLs. Confirmatory sampling is required under FAC 62-770.200(8), where the OVA results are confirmed by laboratory analysis for the KAG. The KAG analysis for soils includes volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PAHs), and total recoverable petroleum hydrocarbons (TRPH) by the FLO-PRO method.

2.0 SOURCE REMOVAL ACTIVITIES

A Source Removal was conducted at UST G880B on January 18, 1999. Petroleum-contaminated soil was excavated from the area around the former location of the UST and disposed of offsite. No free product was found during the excavation. Photographs showing the site during and after the Source Removal are presented in Appendix A.

2.1 SITE PREPARATION. In preparation for excavation, monitoring well CEF-880-1S was abandoned on January 5, 1999. The well, abandoned in accordance with St. Johns River Water Management District (SJRWMD) regulations, was filled with a cement-bentonite grout. The well abandonment report is presented in Appendix B. The location of flight tower telecommunication lines encased in concrete in the proposed excavation area was identified prior to beginning excavation.

2.2 SOIL EXCAVATION AND DISPOSAL. Soils were initially excavated based on the limits of the excessively contaminated soil delineated as part of the SA. The walls of the excavation were screened using headspace analysis to determine if additional soil should be excavated.

2.2.1 Soil Excavation (1/18/99). The soil was excavated to approximately 1 foot below the water table, to a depth of approximately 6 feet below land surface (bls). The depth to groundwater was originally estimated from the monitoring well CEF-880-1S, which was later abandoned. Immediately prior to excavation, the water table was determined by hand augering bore holes and measuring the depth to water. The groundwater level was confirmed by visual observation during the excavation.

The soil was excavated using by hand dig since the presence of a subsurface utility vault prevented the use of a backhoe. Based on the manifests, 9.64 tons of petroleum-contaminated soil were excavated and disposed of offsite. The excavation was approximately 5 feet long, 5 feet wide, and 6 feet deep, corresponding to approximately 5.56 cubic yards. The excavation area is shown in Figure 2-1.

2.2.2 Soil excavation (9/27 - 9/28/99)

Results of KAG analyses showed that excessively contaminated soils remained at the site base on FL-PRO (1,320 mg/kg). The BCT made the decision to go back and excavate the remaining soils in order to expedite property transfer. The remaining soil was excavated to approximately 1-foot below the water table, to a depth of approximately 8 feet bls.

The soil was excavated by a combination of trackhoe and hand excavation. Two utility vaults and one gas line were encountered during the excavation. Hand excavations were required in the vicinity of these utilities. Based on the manifests, an additional 46.94 tons of petroleum-contaminated soil were excavated and disposed of offsite. The total amount of soil from the 1/18/99 excavation and the 9/27-9/28 excavation was 56.58 tons. The excavation was approximately 14 feet long, 10 feet wide and 8 feet deep. The excavation area is shown in Figure 2-2.

2.2.2 Soil Transportation and Disposal. The petroleum-contaminated soil was transported offsite by truck to the Kedesh, Inc. soil thermal treatment facility in Kingsland, Georgia and the Chesser

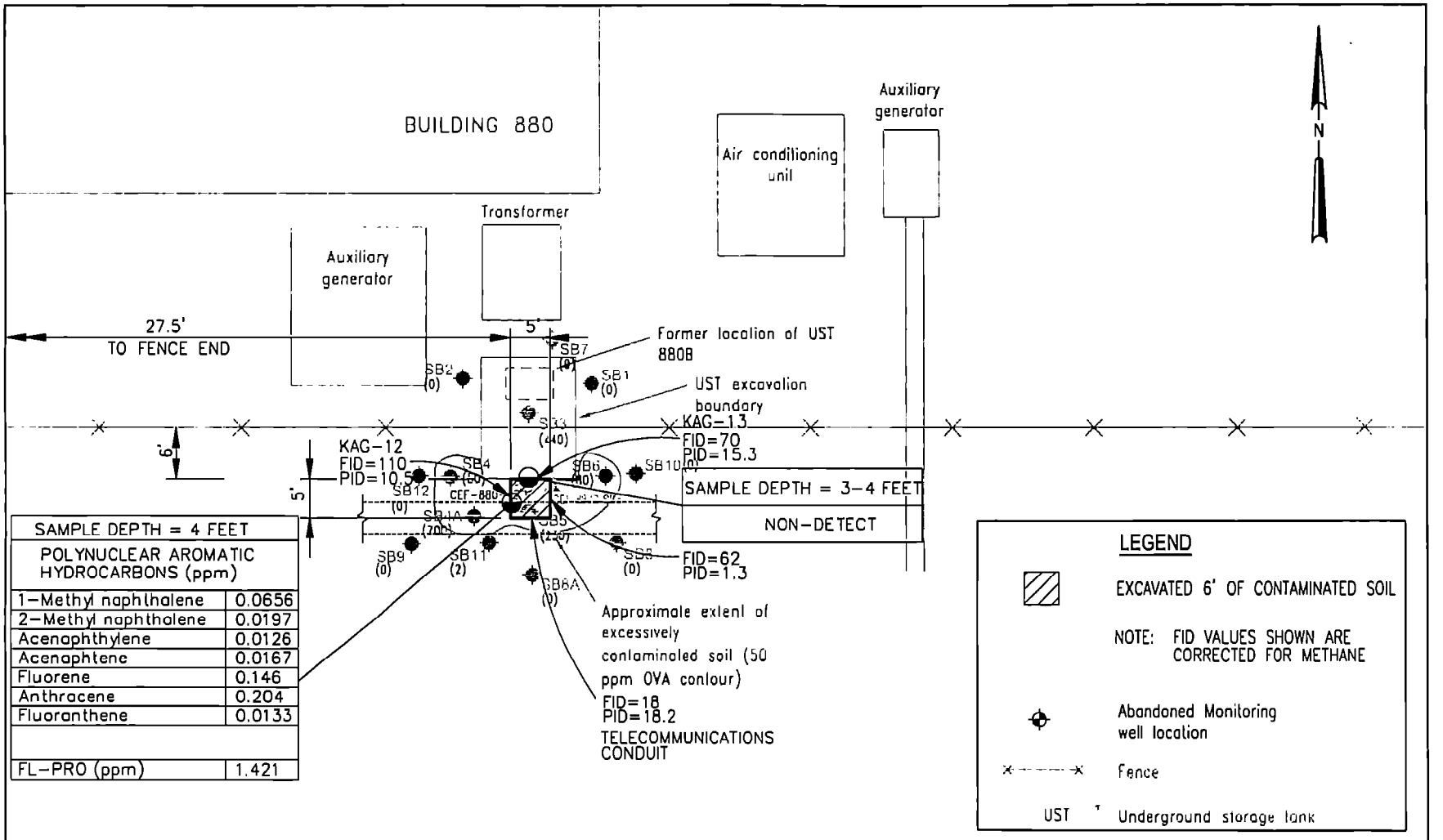
Island Road Landfill in Folkston, Georgia. A summary of the manifests is presented in Table 2-1 and copies of the manifests are presented in Appendix C.

Table 2-1
Summary of Manifest for Soil Disposal

Date	Truck #	Company	Manifest #	Weight (pounds)	Tare (pounds)	Net (pounds)
1/18/99	9802	Modlin	CF 1200	42480	23200	19280
10/04/99	328	Pritchett	CF 001	80,000	29,360	50,640
10/04/99	L36	Pritchett	CF 002	70,380	27,140	43,240
	Number of Truck Loads =		3		Total Weight (pounds) =	113,160
					Total Weight (tons) =	**56.58**

2.2.3 Backfilling and Site Restoration. The material used to backfill the excavation was clean fill brought in from a borrow pit operated by Anderson-Columbia, Inc. in Maxville, Florida. A copy of the letter certifying that the material was clean fill is presented in Appendix D.

Once the excavation area was backfilled, the site was graded and seeded with Bahia grass.



SAMPLE DEPTH = 4 FEET	
POLYNUCLEAR AROMATIC HYDROCARBONS (ppm)	
1-Methyl naphthalene	0.0656
2-Methyl naphthalene	0.0197
Acenaphthylene	0.0126
Acenaphtene	0.0167
Fluorene	0.146
Anthracene	0.204
Fluoranthene	0.0133
FL-PRO (ppm)	1.421

0 10 20
SCALE: 1 INCH = 20 FEET

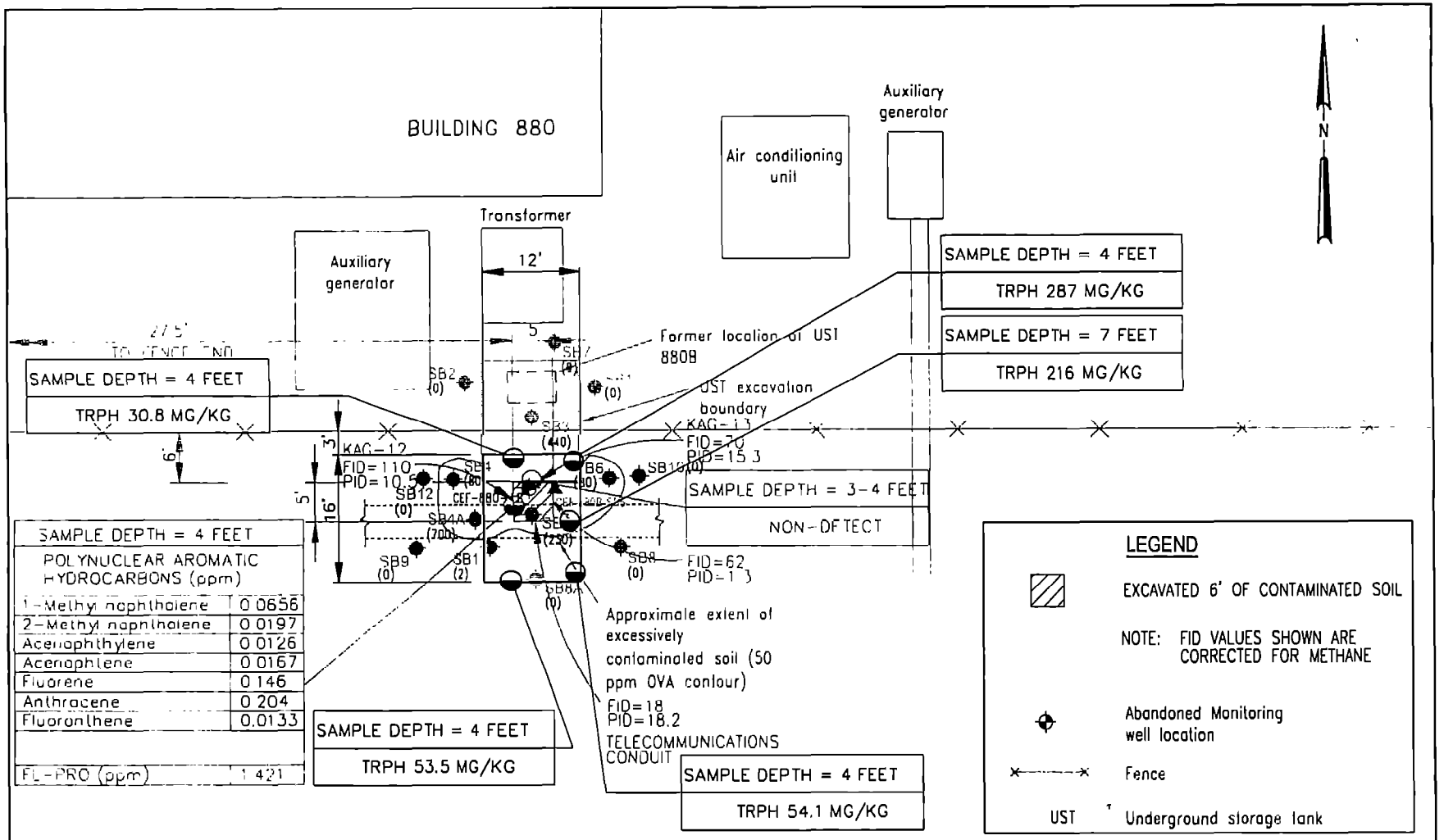
FIGURE 2-1
TANK G880B
SOIL EXCAVATION AREA (1/18/99)

SOUTHERN DIVISION NAVAL FACILITIES ENGINEERING COMMAND

SOURCE REMOVAL REPORT
BUILDING 880, TANK G880B

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

7895fg57.dwg



0 10 20
SCALE: 1 INCH = 20 FEET

FIGURE 2-2
TANK G880B
SOIL EXCAVATION AREA (9/27/99-9/28/99)

SOUTHERN DIVISION NAVAL FACILITIES ENGINEERING COMMAND

SOURCE REMOVAL REPORT
BUILDING 880, TANK G880B

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

7895fg57A.dwg

2.3 SAMPLING AND ANALYSIS. Soil samples were collected from the walls of the excavation at a depth of 3.5 - 4ft bls. Because soils were excavated to 1 foot below the water table, no samples were collected from the floor of the excavation. The sampling locations are shown in Figures 2-2 and 2-3.

2.3.1 Headspace Analysis (1/18/99 Excavation). Soil samples collected from the UST G880B excavation were screened using an OVA equipped with a FID in accordance with the procedures outlined in 62-770.200(8) FAC. A methane filter was used to correct the results. Samples were also screened using a photoionization detector (PID). The results of the headspace analyses are shown in Table 2-2. The headspace results (OVA with FID) were greater than 50 ppm on the north, east, and west sides of the excavation. The flight tower telecommunication lines encased in concrete are located along the south side of the excavation area. Because of the proximity of the excavation to the telecommunication lines, the excavation could not be extended any farther.

Table 2-2
Results of Headspace Screening

Station ID	Depth (feet bls)	FID Unfiltered (ppm)	FID with Filter (ppm)	FID Corrected (ppm)	PID (ppm)
North	3.5	70	0	70	15.3
South	3.5	18	0	18	18.2
East	3.5	62	0	62	1.3
West	3.5	110	0	110	10.5

2.3.2 Headspace Analysis (9/27-9/28 Excavation). All headspace analyses were less than 50 ppm.

2.3.3 KAG Analyses (1/18/99 Excavation). Because the headspace results (OVA with FID) on the north, east, and west sides of the excavation were above 50 ppm, soil samples were later collected on the north and west sides of the excavation for KAG analyses. The samples (labeled 880-W [KAG-12] and 880-N [KAG-13]) were collected at depths of 3 to 4 feet bls on January 26, 1999. The soil samples were analyzed for VOCs, PAHs, and TRPH by the FLO-PRO method. The soil samples analyzed for VOCs were collected in accordance with EPA Method 5035. Laboratory analyses were conducted by Advanced Environmental Laboratories, Jacksonville, Florida.

The results of the KAG analyses showed no exceedances of SCTLs on the north side. On the west side, the soil exceeded the SCTL for TRPH only. The results of the soil analyses are shown in Table 2-3 and the laboratory report is presented in Appendix E. Because KAG analyses had previously been used at this site to delineate the limits of the excavation, no additional KAG analyses were conducted at UST G880B.

Table 2-3
Summary of KAG Analyses Results (1/18/99 Excavation)

		Station ID:	880-W; KAG-12 (Lab ID 990154-2)	880-N; KAG-13 (Lab ID 990154-1)
		Depth:	3-4 feet bls	3-4 feet bls
		Laboratory:	AEL	AEL
		Collection Date:	1/26/99	1/26/99
COPC Detected	**Units**	**SCTLs**		
Ethyl benzene	mg/kg	0.4	0.011 =	0.005 U
Total Xylenes	mg/kg	0.3	0.091 =	0.005 U
MTBE	mg/kg	0.2	0.111 =	0.005 U
Anthracene	mg/kg	2000	2.453 =	0.2 U
Fluoranthene	mg/kg	550	0.555 =	0.2 U
Naphthalene	mg/kg	1	0.250 =	0.2 U
Phenanthrene	mg/kg	120	2.304 =	0.2 U
Pyrene	mg/kg	570	0.406 =	0.2 U
TRPH	mg/kg	340	**1314 =**	4 U

Exceedances of SCTLs are **bolded**.
U undetected
= detected

2.3.4 Results of KAG Analyses (9/27-9/28/99 Excavation) KAG samples were collected from four wall excavation locations at a depth of 4ft bls. In addition, one floor sample was taken just above the water table. No exceedances of SCTLs occurred at any of the sampling locations. The soil samples were analyzed for VOCs, PAHs and TRPH by the FL-PRO method. The samples were analyzed by Accutest of Orlando, Florida. The results are summarized below and the laboratory reports are presented in Appendix E.

Table 2.4
Summary of KAG Analyses Results (9/27-9/28 Excavation)

	Station ID		880SE	880NW	880SW	880FSE	880NE	880DUP
	Depth, feet bls		4	4	4	7	4	4
	Laboratory		Accutest	Accutest	Accutest	Accutest	Accutest	Accutest
	Collection Date		9/27/99	9/27/99	9/27/99	9/27/99	9/27/99	2/27/99
COPC Detected	**units**	**SCTLs**						
TRPH (FL-PRO)	mg/kg	340	54.1	30.8	53.5	216	287	61.9

3.0 CONCLUSIONS

A total of 56.58 tons of petroleum-contaminated soils at UST G880B that were identified during the SA have been removed and disposed of offsite. The soil was excavated to approximately 1 foot below the water table, to a depth of approximately 8 feet bls. The horizontal limits of the excavation had headspace results (OVA with FID) of less than 50 ppm on all walls.of the excavation. KAG analyses at four excavation wall locations and one floor sample just above the water table confirmed that the soil was below SCTLs for all parameters and that the source removal was complete. No free product was found during the excavation.

REFERENCES

ABB Environmental Services, Inc., 1997, Confirmatory Sampling Report, Building 880, Tank G880B, BRAC UST and AST Grey Sites, NAS Cecil Field, Jacksonville, Florida, November.

CH2M HILL Constructors, Inc., 1998a, Basewide Work Plan, Revision No. 1, NAS Cecil Field, Jacksonville, Florida prepared for Southern Division Naval Facilities Engineering Command, November.

CH2M HILL Constructors, Inc., 1998b, Work Plan Addendum No. 1, Revision No. 1, Excavation of Petroleum-Contaminated Soil from 11 Former UST Sites and the Day Tank 2 Area, NAS Cecil Field, Jacksonville, Florida: prepared for Southern Division Naval Facilities Engineering Command, November.

Harding Lawson Associates (HLA), 1998, Site Assessment Report, Building G880B, Tank G880B, BRAC UST and AST Grey Sites, NAS Cecil Field, Jacksonville, Florida, September.

Southern Division Naval Facilities Engineering Command Quality Improvement Forum, 1998, A Guideline for the Preparation of Remedial Action Reports/Closure Reports, Revision 0, May 11.

Southern Division Naval Facilities Engineering Command 1996, Environmental Report Format Guidance Manual, Revision No. 5, October 9.

APPENDIX C
SOIL DISPOSAL MANIFESTS

Manifests

1/18/99 Excavation

Manifests

9/27 - 9/28/99 Excavation

Transportation and Disposal Log
Contract Task Order No. 0005 - GREY SITES SOIL EXCAVATION
Naval Air Station Cecil Field
Jacksonville, Florida

TONS TO DATE 46.94

DATE	TRUCK LICENSE PLATE NO./TRUCK NO.	TRUCK DRIVER'S NAME/COMPANY	TIME		SITE NAME	TARE	WEIGHT LOADED	NET TONS	PRIMARY CONTAMINANT	MANIFEST NUMBER	
			IN	OUT							
10/4/99	A1205U/328	Pritchett Trucking			Bldg. 880	29,360	80,000	25.32	Petroleum	CF	001
10/4/99	L36	Pritchett Trucking			Bldg. 880	27,140	70,380	21.62	Petroleum	CF	002

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

Printed Using Ensoft Software, Inc. WasteTrac - Version 1.0

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. FL6170022474

Manifest Doc. No. 2

2. Page 1 of 1

216 880

/ 21.62 tons

3. Generator's Name and Mailing Address
U.S. Navy, NAS Cecil Field
P.O. Box 108
Jacksonville Fl 32215-

4. Generator's Phone ((904) 778-5620

5. Transporter 1 Company Name
Pritchett Trucking, Inc.

6. US EPA ID Number

A. Transporter's Phone (800) 486-7504

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Chesser Island Road Landfill
Chesser Island Road
Folkston Ga 31537-

10. US EPA ID Number

C. Facility's Phone (912) 496-7918

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum contaminated soil, Non-regulated material	.001	DT	00018	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
a. Diesel contaminated soil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Approval #: a. WM-CK9557
Site Address: 13200 Normandy Blvd., Jacksonville, Fl

CEI #: 726822

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: [illegible] Signature: [illegible] Month 10 Day [illegible] Year 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible] Signature: [illegible] Month 10 Day [illegible] Year [illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name Signature Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name Signature Month Day Year

GENERATOR'S COPY

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

Printed Using: Ensoft Software, Inc. WasteTrac - Version 1.0

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. FL5170922474

Manifest Doc. No. 1

2. Page 1 of 1

DLP 250 25.32 to

Generator's Name and Mailing Address
U.S. Navy, NAS Cecil Field
P.O. Box 108
Jacksonville Fl 32215-

4. Generator's Phone ((904) 778-5620

5. Transporter 1 Company Name: Pritchett Trucking, Inc.

6. US EPA ID Number

A. Transporter's Phone: (800) 486-7504

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Chesser Island Road Landfill
Chesser Island Road
Folkston Ga 31537-

10. US EPA ID Number

C. Facility's Phone: (912) 496-7918

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum contaminated soil, Non-regulated material	001	DT	00018	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
a. Diesel contaminated soil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Approval # a. WM-CK9557
Site Address: 13200 Normandy Blvd., Jacksonville, Fl

CEI #: 726822

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David T Kurzick | Signature | Month 10 | Day 4 | Year 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month 10 | Day 4 | Year 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month | Day | Year

GENERATOR

TRANSPORTER

FACILITY

GENERATOR'S COPY

APPENDIX E
LABORATORY REPORT OF KAG ANALYSES

KAG Results

1/18/99 Excavation

KAG Results

9/27-9/28/99 Excavation

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Sample Summary

J.A. Jones Environmental Service

Job No: F4967

NAS Cecil Field
Project No: CTO 0005- Grey Sites

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F4967-1	09/28/99	18:00	GR	09/29/99	SO	Soil	005-47WC-S-0928-99
* F4967-2	09/27/99	14:30	GR	09/29/99	SO	Soil	005-880SE-S-0927-99
* F4967-3	09/27/99	14:35	GR	09/29/99	SO	Soil	005-880NW-S-0927-99
* F4967-4	09/27/99	14:35	GR	09/29/99	SO	Soil	005-880SW-S-0927-99
* F4967-5	09/27/99	14:00	GR	09/29/99	SO	Soil	005-880FSE-S-0927-99
* F4967-6	09/27/99	14:25	GR	09/29/99	SO	Soil	005-880NE-S-0927-99
* F4967-7	09/27/99	14:30	GR	09/29/99	SO	Soil	005-880DUP-S-0927-99

* The following report applies to these samples only (7 day TAT).

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880SE-S-0927-99		
Lab Sample ID:	F4967-2	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 8260B	Percent Solids:	90.7
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K004432.D	1	09/29/99	CJP	n/a	n/a	VK111
Run #2							

VOA 8021 List

CAS No.	Compound	Result	RDL	Units	Q
71-43-2	Benzene	ND	2.2	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	ug/kg	
75-25-2	Bromoform	ND	2.2	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	ug/kg	
75-00-3	Chloroethane	ND	5.4	ug/kg	
67-66-3	Chloroform	ND	2.2	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	5.4	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.2	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	2.2	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	2.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	ug/kg	
541-73-1	m-Dichlorobenzene	ND	2.2	ug/kg	
95-50-1	o-Dichlorobenzene	ND	2.2	ug/kg	
106-46-7	p-Dichlorobenzene	ND	2.2	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	2.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	ug/kg	
100-41-4	Ethylbenzene	ND	2.2	ug/kg	
74-83-9	Methyl bromide	ND	5.4	ug/kg	
74-87-3	Methyl chloride	ND	5.4	ug/kg	
75-09-2	Methylene chloride	ND	5.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	ug/kg	
127-18-4	Tetrachloroethylene	ND	2.2	ug/kg	
108-88-3	Toluene	ND	2.2	ug/kg	
79-01-6	Trichloroethylene	ND	2.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	ug/kg	
75-01-4	Vinyl chloride	ND	5.4	ug/kg	
1330-20-7	Xylene (total)	ND	6.5	ug/kg	

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880SE-S-0927-99		
Lab Sample ID:	F4967-2	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 8260B	Percent Solids:	90.7
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K004432.D	1	09/29/99	CJP	n/a	n/a	VK111
Run #2							

VOA 8021 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		71-122%
2037-26-5	Toluene-D8	92%		73-128%
460-00-4	4-Bromofluorobenzene	103%		53-158%
17060-07-0	1,2-Dichloroethane-D4	98%		71-122%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880SE-S-0927-99		
Lab Sample ID:	F4967-2	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	90.7
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000393.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Compound	Result	RDL	Units	Q
65-85-0	Benzoic acid	ND	920	ug/kg	
95-57-8	2-Chlorophenol	ND	370	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	370	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	370	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	920	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	920	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	730	ug/kg	
95-48-7	2-Methylphenol	ND	370	ug/kg	
	3&4-Methylphenol	ND	370	ug/kg	
88-75-5	2-Nitrophenol	ND	370	ug/kg	
100-02-7	4-Nitrophenol	ND	920	ug/kg	
87-86-5	Pentachlorophenol	ND	920	ug/kg	
108-95-2	Phenol	ND	370	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	370	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	370	ug/kg	
83-32-9	Acenaphthene	ND	370	ug/kg	
208-96-8	Acenaphthylene	ND	370	ug/kg	
120-12-7	Anthracene	ND	370	ug/kg	
56-55-3	Benzo(a)anthracene	ND	370	ug/kg	
50-32-8	Benzo(a)pyrene	ND	370	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	370	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	370	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	370	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	370	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	370	ug/kg	
100-51-6	Benzyl Alcohol	ND	370	ug/kg	
91-58-7	2-Chloronaphthalene	ND	370	ug/kg	
106-47-8	4-Chloroaniline	ND	370	ug/kg	
86-74-8	Carbazole	ND	370	ug/kg	
218-01-9	Chrysene	ND	370	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	370	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	370	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	370	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	370	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	370	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	370	ug/kg	

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880SE-S-0927-99		
Lab Sample ID:	F4967-2	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	90.7
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000393.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Compound	Result	RDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	370	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	370	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	370	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	730	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	370	ug/kg	
132-64-9	Dibenzofuran	ND	370	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	370	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	370	ug/kg	
84-66-2	Diethyl phthalate	ND	370	ug/kg	
131-11-3	Dimethyl phthalate	ND	370	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	370	ug/kg	
206-44-0	Fluoranthene	ND	370	ug/kg	
86-73-7	Fluorene	ND	370	ug/kg	
118-74-1	Hexachlorobenzene	ND	370	ug/kg	
87-68-3	Hexachlorobutadiene	ND	370	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	370	ug/kg	
67-72-1	Hexachloroethane	ND	370	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	370	ug/kg	
78-59-1	Isophorone	ND	370	ug/kg	
91-57-6	2-Methylnaphthalene	ND	370	ug/kg	
88-74-4	2-Nitroaniline	ND	370	ug/kg	
99-09-2	3-Nitroaniline	ND	370	ug/kg	
100-01-6	4-Nitroaniline	ND	370	ug/kg	
91-20-3	Naphthalene	ND	370	ug/kg	
98-95-3	Nitrobenzene	ND	370	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	370	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	370	ug/kg	
85-01-8	Phenanthrene	ND	370	ug/kg	
129-00-0	Pyrene	ND	370	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	370	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	68%		25-121%
4165-62-2	Phenol-d5	73%		24-113%
118-79-6	2,4,6-Tribromophenol	82%		19-122%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880SE-S-0927-99		
Lab Sample ID:	F4967-2	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	90.7
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000393.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		23-120%
321-60-8	2-Fluorobiphenyl	68%		30-115%
1718-51-0	Terphenyl-d14	83%		18-137%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880SE-S-0927-99		
Lab Sample ID:	F4967-2	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	FLORIDA-PRO	Percent Solids:	90.7
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP05373.D	2	10/05/99	ME	10/04/99	OP1009	GOP260
Run #2							

CAS No.	Compound	Result	RDL	Units	Q
	TPH (C8-C40)	54.1	18	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		40-140%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880NW-S-0927-99		
Lab Sample ID:	F4967-3	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 8260B	Percent Solids:	87.3
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K004433.D	1	09/29/99	CJP	n/a	n/a	VK111
Run #2							

VOA 8021 List

CAS No.	Compound	Result	RDL	Units	Q
71-43-2	Benzene	ND	2.3	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	ug/kg	
75-25-2	Bromoform	ND	2.3	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	ug/kg	
75-00-3	Chloroethane	ND	5.8	ug/kg	
67-66-3	Chloroform	ND	2.3	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	5.8	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.3	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	2.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.8	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	2.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	ug/kg	
541-73-1	m-Dichlorobenzene	ND	2.3	ug/kg	
95-50-1	o-Dichlorobenzene	ND	2.3	ug/kg	
106-46-7	p-Dichlorobenzene	ND	2.3	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	2.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	ug/kg	
100-41-4	Ethylbenzene	ND	2.3	ug/kg	
74-83-9	Methyl bromide	ND	5.8	ug/kg	
74-87-3	Methyl chloride	ND	5.8	ug/kg	
75-09-2	Methylene chloride	ND	5.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	ug/kg	
127-18-4	Tetrachloroethylene	ND	2.3	ug/kg	
108-88-3	Toluene	ND	2.3	ug/kg	
79-01-6	Trichloroethylene	ND	2.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.8	ug/kg	
75-01-4	Vinyl chloride	ND	5.8	ug/kg	
1330-20-7	Xylene (total)	ND	6.9	ug/kg	

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880NW-S-0927-99		
Lab Sample ID:	F4967-3	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 8260B	Percent Solids:	87.3
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K004433.D	1	09/29/99	CJP	n/a	n/a	VK111
Run #2							

VOA 8021 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		71-122%
2037-26-5	Toluene-D8	93%		73-128%
460-00-4	4-Bromofluorobenzene	107%		53-158%
17060-07-0	1,2-Dichloroethane-D4	100%		71-122%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880NW-S-0927-99		
Lab Sample ID:	F4967-3	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	87.3
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000399.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Compound	Result	RDL	Units	Q
65-85-0	Benzoic acid	ND	950	ug/kg	
95-57-8	2-Chlorophenol	ND	380	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	380	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	380	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	950	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	950	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	760	ug/kg	
95-48-7	2-Methylphenol	ND	380	ug/kg	
	3&4-Methylphenol	ND	380	ug/kg	
88-75-5	2-Nitrophenol	ND	380	ug/kg	
100-02-7	4-Nitrophenol	ND	950	ug/kg	
87-86-5	Pentachlorophenol	ND	950	ug/kg	
108-95-2	Phenol	ND	380	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	380	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	380	ug/kg	
83-32-9	Acenaphthene	ND	380	ug/kg	
208-96-8	Acenaphthylene	ND	380	ug/kg	
120-12-7	Anthracene	ND	380	ug/kg	
56-55-3	Benzo(a)anthracene	ND	380	ug/kg	
50-32-8	Benzo(a)pyrene	ND	380	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	380	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	380	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	380	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	380	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	380	ug/kg	
100-51-6	Benzyl Alcohol	ND	380	ug/kg	
91-58-7	2-Chloronaphthalene	ND	380	ug/kg	
106-47-8	4-Chloroaniline	ND	380	ug/kg	
86-74-8	Carbazole	ND	380	ug/kg	
218-01-9	Chrysene	ND	380	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	380	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	380	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	380	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	380	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	380	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	380	ug/kg	

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880NW-S-0927-99		
Lab Sample ID:	F4967-3	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	87.3
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000399.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Compound	Result	RDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	380	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	380	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	380	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	760	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	380	ug/kg	
132-64-9	Dibenzofuran	ND	380	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	380	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	380	ug/kg	
84-66-2	Diethyl phthalate	ND	380	ug/kg	
131-11-3	Dimethyl phthalate	ND	380	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	380	ug/kg	
206-44-0	Fluoranthene	ND	380	ug/kg	
86-73-7	Fluorene	ND	380	ug/kg	
118-74-1	Hexachlorobenzene	ND	380	ug/kg	
87-68-3	Hexachlorobutadiene	ND	380	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	380	ug/kg	
67-72-1	Hexachloroethane	ND	380	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	380	ug/kg	
78-59-1	Isophorone	ND	380	ug/kg	
91-57-6	2-Methylnaphthalene	ND	380	ug/kg	
88-74-4	2-Nitroaniline	ND	380	ug/kg	
99-09-2	3-Nitroaniline	ND	380	ug/kg	
100-01-6	4-Nitroaniline	ND	380	ug/kg	
91-20-3	Naphthalene	ND	380	ug/kg	
98-95-3	Nitrobenzene	ND	380	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	380	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	380	ug/kg	
85-01-8	Phenanthrene	ND	380	ug/kg	
129-00-0	Pyrene	ND	380	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	380	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	56%		25-121%
4165-62-2	Phenol-d5	63%		24-113%
118-79-6	2,4,6-Tribromophenol	70%		19-122%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880NW-S-0927-99		
Lab Sample ID:	F4967-3	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	87.3
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000399.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	58%		23-120%
321-60-8	2-Fluorobiphenyl	63%		30-115%
1718-51-0	Terphenyl-d14	83%		18-137%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880NW-S-0927-99		
Lab Sample ID:	F4967-3	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	FLORIDA-PRO	Percent Solids:	87.3
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP05376.D	1	10/05/99	ME	10/04/99	OP1009	GOP260
Run #2							

CAS No.	Compound	Result	RDL	Units	Q
	TPH (C8-C40)	30.8	9.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	80%		40-140%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880SW-S-0927-99		
Lab Sample ID:	F4967-4	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 8260B	Percent Solids:	87.5
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K004434.D	1	09/29/99	CJP	n/a	n/a	VK111
Run #2							

VOA 8021 List

CAS No.	Compound	Result	RDL	Units	Q
71-43-2	Benzene	ND	2.3	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	ug/kg	
75-25-2	Bromoform	ND	2.3	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	ug/kg	
75-00-3	Chloroethane	ND	5.8	ug/kg	
67-66-3	Chloroform	ND	2.3	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	5.8	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.3	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	2.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.8	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	2.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	ug/kg	
541-73-1	m-Dichlorobenzene	ND	2.3	ug/kg	
95-50-1	o-Dichlorobenzene	ND	2.3	ug/kg	
106-46-7	p-Dichlorobenzene	ND	2.3	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	2.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	ug/kg	
100-41-4	Ethylbenzene	ND	2.3	ug/kg	
74-83-9	Methyl bromide	ND	5.8	ug/kg	
74-87-3	Methyl chloride	ND	5.8	ug/kg	
75-09-2	Methylene chloride	ND	5.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	ug/kg	
127-18-4	Tetrachloroethylene	ND	2.3	ug/kg	
108-88-3	Toluene	ND	2.3	ug/kg	
79-01-6	Trichloroethylene	ND	2.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.8	ug/kg	
75-01-4	Vinyl chloride	ND	5.8	ug/kg	
1330-20-7	Xylene (total)	ND	7.0	ug/kg	

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880SW-S-0927-99		
Lab Sample ID:	F4967-4	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 8260B	Percent Solids:	87.5
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K004434.D	1	09/29/99	CJP	n/a	n/a	VK111
Run #2							

VOA 8021 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		71-122%
2037-26-5	Toluene-D8	92%		73-128%
460-00-4	4-Bromofluorobenzene	104%		53-158%
17060-07-0	1,2-Dichloroethane-D4	97%		71-122%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880SW-S-0927-99		
Lab Sample ID:	F4967-4	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	87.5
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000390.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Compound	Result	RDL	Units	Q
65-85-0	Benzoic acid	ND	950	ug/kg	
95-57-8	2-Chlorophenol	ND	380	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	380	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	380	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	950	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	950	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	760	ug/kg	
95-48-7	2-Methylphenol	ND	380	ug/kg	
	3&4-Methylphenol	ND	380	ug/kg	
88-75-5	2-Nitrophenol	ND	380	ug/kg	
100-02-7	4-Nitrophenol	ND	950	ug/kg	
87-86-5	Pentachlorophenol	ND	950	ug/kg	
108-95-2	Phenol	ND	380	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	380	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	380	ug/kg	
83-32-9	Acenaphthene	ND	380	ug/kg	
208-96-8	Acenaphthylene	ND	380	ug/kg	
120-12-7	Anthracene	ND	380	ug/kg	
56-55-3	Benzo(a)anthracene	ND	380	ug/kg	
50-32-8	Benzo(a)pyrene	ND	380	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	380	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	380	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	380	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	380	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	380	ug/kg	
100-51-6	Benzyl Alcohol	ND	380	ug/kg	
91-58-7	2-Chloronaphthalene	ND	380	ug/kg	
106-47-8	4-Chloroaniline	ND	380	ug/kg	
86-74-8	Carbazole	ND	380	ug/kg	
218-01-9	Chrysene	ND	380	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	380	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	380	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	380	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	380	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	380	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	380	ug/kg	

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880SW-S-0927-99		
Lab Sample ID:	F4967-4	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	87.5
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000390.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Compound	Result	RDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	380	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	380	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	380	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	760	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	380	ug/kg	
132-64-9	Dibenzofuran	ND	380	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	380	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	380	ug/kg	
84-66-2	Diethyl phthalate	ND	380	ug/kg	
131-11-3	Dimethyl phthalate	ND	380	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	380	ug/kg	
206-44-0	Fluoranthene	ND	380	ug/kg	
86-73-7	Fluorene	ND	380	ug/kg	
118-74-1	Hexachlorobenzene	ND	380	ug/kg	
87-68-3	Hexachlorobutadiene	ND	380	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	380	ug/kg	
67-72-1	Hexachloroethane	ND	380	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	380	ug/kg	
78-59-1	Isophorone	ND	380	ug/kg	
91-57-6	2-Methylnaphthalene	ND	380	ug/kg	
88-74-4	2-Nitroaniline	ND	380	ug/kg	
99-09-2	3-Nitroaniline	ND	380	ug/kg	
100-01-6	4-Nitroaniline	ND	380	ug/kg	
91-20-3	Naphthalene	ND	380	ug/kg	
98-95-3	Nitrobenzene	ND	380	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	380	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	380	ug/kg	
85-01-8	Phenanthrene	ND	380	ug/kg	
129-00-0	Pyrene	ND	380	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	380	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	61%		25-121%
4165-62-2	Phenol-d5	65%		24-113%
118-79-6	2,4,6-Tribromophenol	79%		19-122%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880SW-S-0927-99		
Lab Sample ID:	F4967-4	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	87.5
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000390.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	58%		23-120%
321-60-8	2-Fluorobiphenyl	62%		30-115%
1718-51-0	Terphenyl-d14	87%		18-137%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880SW-S-0927-99		
Lab Sample ID:	F4967-4	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	FLORIDA-PRO	Percent Solids:	87.5
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP05377.D	1	10/05/99	ME	10/04/99	OP1009	GOP260
Run #2							

CAS No.	Compound	Result	RDL	Units	Q
	TPH (C8-C40)	53.5	9.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	91%		40-140%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880FSE-S-0927-99		
Lab Sample ID:	F4967-5	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 8260B	Percent Solids:	87.9
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K004435.D	1	09/29/99	CJP	n/a	n/a	VK111
Run #2							

VOA 8021 List

CAS No.	Compound	Result	RDL	Units	Q
71-43-2	Benzene	ND	2.5	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	ug/kg	
75-25-2	Bromoform	ND	2.5	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	ug/kg	
75-00-3	Chloroethane	ND	6.3	ug/kg	
67-66-3	Chloroform	ND	2.5	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	6.3	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.5	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	2.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	ug/kg	
541-73-1	m-Dichlorobenzene	ND	2.5	ug/kg	
95-50-1	o-Dichlorobenzene	ND	2.5	ug/kg	
106-46-7	p-Dichlorobenzene	ND	2.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	2.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	ug/kg	
100-41-4	Ethylbenzene	ND	2.5	ug/kg	
74-83-9	Methyl bromide	ND	6.3	ug/kg	
74-87-3	Methyl chloride	ND	6.3	ug/kg	
75-09-2	Methylene chloride	ND	6.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	2.5	ug/kg	
108-88-3	Toluene	ND	2.5	ug/kg	
79-01-6	Trichloroethylene	ND	2.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.3	ug/kg	
75-01-4	Vinyl chloride	ND	6.3	ug/kg	
1330-20-7	Xylene (total)	ND	7.6	ug/kg	

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880FSE-S-0927-99		
Lab Sample ID:	F4967-5	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 8260B	Percent Solids:	87.9
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K004435.D	1	09/29/99	CJP	n/a	n/a	VK111
Run #2							

VOA 8021 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		71-122%
2037-26-5	Toluene-D8	93%		73-128%
460-00-4	4-Bromofluorobenzene	107%		53-158%
17060-07-0	1,2-Dichloroethane-D4	99%		71-122%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880FSE-S-0927-99		
Lab Sample ID:	F4967-5	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	87.9
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000395.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Compound	Result	RDL	Units	Q
65-85-0	Benzoic acid	ND	950	ug/kg	
95-57-8	2-Chlorophenol	ND	380	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	380	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	380	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	950	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	950	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	760	ug/kg	
95-48-7	2-Methylphenol	ND	380	ug/kg	
	3&4-Methylphenol	ND	380	ug/kg	
88-75-5	2-Nitrophenol	ND	380	ug/kg	
100-02-7	4-Nitrophenol	ND	950	ug/kg	
87-86-5	Pentachlorophenol	ND	950	ug/kg	
108-95-2	Phenol	ND	380	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	380	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	380	ug/kg	
83-32-9	Acenaphthene	ND	380	ug/kg	
208-96-8	Acenaphthylene	ND	380	ug/kg	
120-12-7	Anthracene	ND	380	ug/kg	
56-55-3	Benzo(a)anthracene	ND	380	ug/kg	
50-32-8	Benzo(a)pyrene	ND	380	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	380	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	380	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	380	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	380	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	380	ug/kg	
100-51-6	Benzyl Alcohol	ND	380	ug/kg	
91-58-7	2-Chloronaphthalene	ND	380	ug/kg	
106-47-8	4-Chloroaniline	ND	380	ug/kg	
86-74-8	Carbazole	ND	380	ug/kg	
218-01-9	Chrysene	ND	380	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	380	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	380	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	380	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	380	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	380	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	380	ug/kg	

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880FSE-S-0927-99		
Lab Sample ID:	F4967-5	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	87.9
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000395.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Compound	Result	RDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	380	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	380	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	380	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	760	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	380	ug/kg	
132-64-9	Dibenzofuran	ND	380	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	380	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	380	ug/kg	
84-66-2	Diethyl phthalate	ND	380	ug/kg	
131-11-3	Dimethyl phthalate	ND	380	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	380	ug/kg	
206-44-0	Fluoranthene	ND	380	ug/kg	
86-73-7	Fluorene	ND	380	ug/kg	
118-74-1	Hexachlorobenzene	ND	380	ug/kg	
87-68-3	Hexachlorobutadiene	ND	380	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	380	ug/kg	
67-72-1	Hexachloroethane	ND	380	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	380	ug/kg	
78-59-1	Isophorone	ND	380	ug/kg	
91-57-6	2-Methylnaphthalene	ND	380	ug/kg	
88-74-4	2-Nitroaniline	ND	380	ug/kg	
99-09-2	3-Nitroaniline	ND	380	ug/kg	
100-01-6	4-Nitroaniline	ND	380	ug/kg	
91-20-3	Naphthalene	ND	380	ug/kg	
98-95-3	Nitrobenzene	ND	380	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	380	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	380	ug/kg	
85-01-8	Phenanthrene	ND	380	ug/kg	
129-00-0	Pyrene	ND	380	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	380	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	62%		25-121%
4165-62-2	Phenol-d5	68%		24-113%
118-79-6	2,4,6-Tribromophenol	77%		19-122%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880FSE-S-0927-99		
Lab Sample ID:	F4967-5	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	87.9
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000395.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	61%		23-120%
321-60-8	2-Fluorobiphenyl	67%		30-115%
1718-51-0	Terphenyl-d14	84%		18-137%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880FSE-S-0927-99		
Lab Sample ID:	F4967-5	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	FLORIDA-PRO	Percent Solids:	87.9
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP05357.D	4	10/04/99	ME	10/04/99	OP1009	GOP259
Run #2							

CAS No.	Compound	Result	RDL	Units	Q
	TPH (C8-C40)	216	38	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		40-140%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880NE-S-0927-99		
Lab Sample ID:	F4967-6	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 8260B	Percent Solids:	87.5
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K004436.D	1	09/29/99	CJP	n/a	n/a	VK111
Run #2							

VOA 8021 List

CAS No.	Compound	Result	RDL	Units	Q
71-43-2	Benzene	ND	2.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.1	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	5.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	2.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	2.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	2.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	2.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
74-83-9	Methyl bromide	ND	5.1	ug/kg	
74-87-3	Methyl chloride	ND	5.1	ug/kg	
75-09-2	Methylene chloride	ND	5.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	2.0	ug/kg	
108-88-3	Toluene	ND	2.0	ug/kg	
79-01-6	Trichloroethylene	ND	2.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.1	ug/kg	
75-01-4	Vinyl chloride	ND	5.1	ug/kg	
1330-20-7	Xylene (total)	ND	6.1	ug/kg	

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880NE-S-0927-99		
Lab Sample ID:	F4967-6	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 8260B	Percent Solids:	87.3
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K004436.D	1	09/29/99	CJP	n/a	n/a	VK111
Run #2							

VOA 8021 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		71-122%
2037-26-5	Toluene-D8	93%		73-128%
460-00-4	4-Bromofluorobenzene	106%		53-158%
17060-07-0	1,2-Dichloroethane-D4	98%		71-122%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880NE-S-0927-99		
Lab Sample ID:	F4967-6	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	87.5
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000396.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Compound	Result	RDL	Units	Q
65-85-0	Benzoic acid	ND	950	ug/kg	
95-57-8	2-Chlorophenol	ND	380	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	380	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	380	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	950	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	950	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	760	ug/kg	
95-48-7	2-Methylphenol	ND	380	ug/kg	
	3&4-Methylphenol	ND	380	ug/kg	
88-75-5	2-Nitrophenol	ND	380	ug/kg	
100-02-7	4-Nitrophenol	ND	950	ug/kg	
87-86-5	Pentachlorophenol	ND	950	ug/kg	
108-95-2	Phenol	ND	380	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	380	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	380	ug/kg	
83-32-9	Acenaphthene	ND	380	ug/kg	
208-96-8	Acenaphthylene	ND	380	ug/kg	
120-12-7	Anthracene	ND	380	ug/kg	
56-55-3	Benzo(a)anthracene	ND	380	ug/kg	
50-32-8	Benzo(a)pyrene	ND	380	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	380	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	380	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	380	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	380	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	380	ug/kg	
100-51-6	Benzyl Alcohol	ND	380	ug/kg	
91-58-7	2-Chloronaphthalene	ND	380	ug/kg	
106-47-8	4-Chloroaniline	ND	380	ug/kg	
86-74-8	Carbazole	ND	380	ug/kg	
218-01-9	Chrysene	ND	380	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	380	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	380	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	380	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	380	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	380	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	380	ug/kg	

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880NE-S-0927-99		
Lab Sample ID:	F4967-6	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	87.5
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000396.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Compound	Result	RDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	380	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	380	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	380	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	760	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	380	ug/kg	
132-64-9	Dibenzofuran	ND	380	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	380	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	380	ug/kg	
84-66-2	Diethyl phthalate	ND	380	ug/kg	
131-11-3	Dimethyl phthalate	ND	380	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	380	ug/kg	
206-44-0	Fluoranthene	ND	380	ug/kg	
86-73-7	Fluorene	ND	380	ug/kg	
118-74-1	Hexachlorobenzene	ND	380	ug/kg	
87-68-3	Hexachlorobutadiene	ND	380	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	380	ug/kg	
67-72-1	Hexachloroethane	ND	380	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	380	ug/kg	
78-59-1	Isophorone	ND	380	ug/kg	
91-57-6	2-Methylnaphthalene	ND	380	ug/kg	
88-74-4	2-Nitroaniline	ND	380	ug/kg	
99-09-2	3-Nitroaniline	ND	380	ug/kg	
100-01-6	4-Nitroaniline	ND	380	ug/kg	
91-20-3	Naphthalene	ND	380	ug/kg	
98-95-3	Nitrobenzene	ND	380	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	380	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	380	ug/kg	
85-01-8	Phenanthrene	ND	380	ug/kg	
129-00-0	Pyrene	ND	380	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	380	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	62%		25-121%
4165-62-2	Phenol-d5	69%		24-113%
118-79-6	2,4,6-Tribromophenol	87%		19-122%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880NE-S-0927-99		
Lab Sample ID:	F4967-6	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	87.5
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000396.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		23-120%
321-60-8	2-Fluorobiphenyl	73%		30-115%
1718-51-0	Terphenyl-d14	82%		18-137%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880NE-S-0927-99		
Lab Sample ID:	F4967-6	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	FLORIDA-PRO	Percent Solids:	87.3
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP05358.D	10	10/04/99	ME	10/04/99	OP1009	GOP259
Run #2							

CAS No.	Compound	Result	RDL	Units	Q
	TPH (C8-C40)	287	95	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	99%		40-140%

ND = Not detected

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880DUP-S-0927-99		
Lab Sample ID:	F4967-7	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	90.7
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000398.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Compound	Result	RDL	Units	Q
65-85-0	Benzoic acid	ND	920	ug/kg	
95-57-8	2-Chlorophenol	ND	370	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	370	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	370	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	920	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	920	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	730	ug/kg	
95-48-7	2-Methylphenol	ND	370	ug/kg	
	3&4-Methylphenol	ND	370	ug/kg	
88-75-5	2-Nitrophenol	ND	370	ug/kg	
100-02-7	4-Nitrophenol	ND	920	ug/kg	
87-86-5	Pentachlorophenol	ND	920	ug/kg	
108-95-2	Phenol	ND	370	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	370	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	370	ug/kg	
83-32-9	Acenaphthene	ND	370	ug/kg	
208-96-8	Acenaphthylene	ND	370	ug/kg	
120-12-7	Anthracene	ND	370	ug/kg	
56-55-3	Benzo(a)anthracene	ND	370	ug/kg	
50-32-8	Benzo(a)pyrene	ND	370	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	370	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	370	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	370	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	370	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	370	ug/kg	
100-51-6	Benzyl Alcohol	ND	370	ug/kg	
91-58-7	2-Chloronaphthalene	ND	370	ug/kg	
106-47-8	4-Chloroaniline	ND	370	ug/kg	
86-74-8	Carbazole	ND	370	ug/kg	
218-01-9	Chrysene	ND	370	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	370	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	370	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	370	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	370	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	370	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	370	ug/kg	

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880DUP-S-0927-99		
Lab Sample ID:	F4967-7	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	90.7
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000398.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Compound	Result	RDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	370	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	370	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	370	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	730	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	370	ug/kg	
132-64-9	Dibenzofuran	ND	370	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	370	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	370	ug/kg	
84-66-2	Diethyl phthalate	ND	370	ug/kg	
131-11-3	Dimethyl phthalate	ND	370	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	370	ug/kg	
206-44-0	Fluoranthene	ND	370	ug/kg	
86-73-7	Fluorene	ND	370	ug/kg	
118-74-1	Hexachlorobenzene	ND	370	ug/kg	
87-68-3	Hexachlorobutadiene	ND	370	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	370	ug/kg	
67-72-1	Hexachloroethane	ND	370	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	370	ug/kg	
78-59-1	Isophorone	ND	370	ug/kg	
91-57-6	2-Methylnaphthalene	ND	370	ug/kg	
88-74-4	2-Nitroaniline	ND	370	ug/kg	
99-09-2	3-Nitroaniline	ND	370	ug/kg	
100-01-6	4-Nitroaniline	ND	370	ug/kg	
91-20-3	Naphthalene	ND	370	ug/kg	
98-95-3	Nitrobenzene	ND	370	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	370	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	370	ug/kg	
85-01-8	Phenanthrene	ND	370	ug/kg	
129-00-0	Pyrene	ND	370	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	370	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	54%		25-121%
4165-62-2	Phenol-d5	62%		24-113%
118-79-6	2,4,6-Tribromophenol	70%		19-122%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880DUP-S-0927-99		
Lab Sample ID:	F4967-7	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	SW846 3550B/8270C	Percent Solids:	90.7
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W000398.D	1	10/01/99	ME	10/01/99	OP1004	SW23
Run #2							

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	56%		23-120%
321-60-8	2-Fluorobiphenyl	62%		30-115%
1718-51-0	Terphenyl-d14	92%		18-137%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@14:01 06-Oct-99 Preliminary Data

Report of Analysis

Client Sample ID:	005-880DUP-S-0927-99		
Lab Sample ID:	F4967-7	Date Sampled:	09/27/99
Matrix:	SO - Soil	Date Received:	09/29/99
Method:	FLORIDA-PRO	Percent Solids:	90.7
Project:	NAS Cecil Field		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP05359.D	2	10/04/99	ME	10/04/99	OP1009	GOP259
Run #2							

CAS No.	Compound	Result	RDL	Units	Q
	TPH (C8-C40)	61.9	18	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	76%		40-140%

ND = Not detected
RDL = Reported Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound