

U.S. ARMY CORPS OF ENGINEERS, SAVANNAH DISTRICT
CONTRACT DACA21-92-D-0002, DELIVERY ORDER #0101

CLOSURE REPORT

USED OIL TANK
BUILDING 1840, TANKS 4
FACILITY ID NUMBER: 9-089065
FT. STEWART, GEORGIA

PREPARED BY:

ANDERSON COLUMBIA ENVIRONMENTAL, INC.

NOVEMBER 1996

P.O. Box 1386, Lake City, Florida 32056-1386
Phone: (904) 755-1196 Fax: (904) 758-9050

US Army Corps of Engineers
Delivery Order 0101
Ft. Stewart, Hinesville, Georgia
Underground Storage Tank Removal and Closure

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Prepared by

Anderson Columbia Enviornmental, Inc.

TAB 1

GEORGIA CLOSURE REPORT
FORMS

Georgia Department of Natural Resources

Environmental Protection Division
Underground Storage Tank Management Program
4244 International Parkey, Suite 104, Atlanta, Georgia 30354
Lonice C. Barrett, Commissioner
Harold F. Reheis, Director
(404) 362-2687



CLOSURE REPORT FORM

Please complete the following form, include the listed items and check all of the boxes that apply. This form can be used as a Closure Report, provided documentation is attached when specified, to substantiate the information on this form, as outlined in the guidance document "So You Want to Close an UST?" (GUST-9). If one of the items does not apply to your tank closure, please provide a written explanation for the omission. If soil was excavated and disposed of, be sure to complete the applicable sections and attach the proper disposal documents.

1. Owner of UST System:

Name: US Army/Ft. Stewart
Phone Number: (912) 767-2010/1234
Company: US Army
Address: Cdr. 3rd Inf. Div. (Mech.), Attn: AFZP-DEV, Bldg. 1139
Ft. Stewart GA 31314-5000
(city) (state) (zip code)

I hereby certify that the information contained in this Closure Report and in all the attachments is true, accurate, and complete, and the Closure Report satisfies all criteria and requirements of Rule 391-3-15-.09 of the Georgia Rules for Underground Storage Tank Management.

Signature: _____ Date: _____

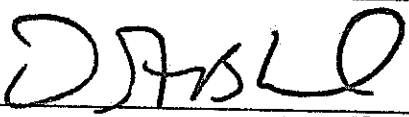
2. UST System Site Location:

Facility Name: Ft. Stewart, GA FAC 1840
Street Address: FAC 1840
Ft. Stewart GA 31314-5000
(city) (state) (zip code)
Facility ID# 9-089065

3. Contract Certification:

I hereby certify that I have performed or supervised the work detailed in this report, and have examined and am familiar with the information submitted in this and all attached documents. The submitted information is, to the best of knowledge, true, accurate, complete, and in accordance with the Georgia Rules for Underground Storage Tank Management, revised February, 1995.

Name: David F. Black
Address: PO Box 1386 Lake City, Florida 32056

Signature: 
Closure for **MANAGER OF OPERATIONS** (1 of 3)

Date: 11-25-96

August 1995

4. Site-specific Hydrogeology:

Depth to Groundwater ~10 ft. if encountered

☐ Not Applicable

5. Site Map: Include the following items on an attached site map:

REFER TO TAB 5

- Tank Pit Area
- Sewer Lines (if present)
- Sample Locations (with sample numbers and depths)
- Scale: See Tab 5
- Piping Trenches
- Water Lines
- North Arrow
- Dispensers
- Tanks with thier ID#s, corresponding to the Notification Form 7530-1

6. Tank Removal

- Date of Removal: 16-Aug-96
- Tank Information:

Tank #	Tank Size (gallons)	Tank Contents
4	2,500	Used Oil

(This information should correspond to the 7530-1 Form.)

- Attach Amended Notification Form 7530-1
- Describe Soil Sampling Procedures (and groundwater, if encountered):

REFER TO TAB 6

REFER TO TAB 6

7. Laboratory Analytical Data:

The following items must be included on attached copies

REFER TO TAB 7

- Laboratory Method
- Detection Limits
- Date of Sampling
- Signed Chain of Custody
- Date of Analysis
- Quality Control Data

8. Regulated Substance Released:

Check the applicable box(es).

☐ Gasoline ☐ Diesel ☐ Kerosene ☒ Used Oil ☐ Other _____

9. Excavation and Treatment/Disposal of Contaminated Soil:

- Attach Soil Disposal Manifests
- Volume of Soil Excavated (less than 6 ft from USTs and 4 ft from piping or dispenser islands)
88.22 Tons OR _____ yd³

☐ Not Applicable

10. Local Water Resources: Attach documentation only if Table B Soil Threshold Values and/or in-Stream Water Quality Standards are proposed for soil disposal, or No Further Action Required status. Check the applicable box(es).

☐ Drinking water supplies are NOT located in:
High or average groundwater pollution susceptibility area:*
Public water systems within 2.0 miles and
Non-public water systems within 0.5 mile

OR

Low groundwater pollution susceptibility area:*
Public water systems within 1.0 mile and
Non-public water systems within 0.25 mile

* As defined by the Groundwater Pollution Susceptibility Map of Georgia

☐ Streams, Lakes, and Ponds:
Distance to closest surface water body: _____ mile(s) or _____ feet

☒ Not Applicable

SEE TAB 7, 10

11. Conclusions or Recommendations: Choose one.

☒ Clean Closure, thus No Further Action is Required.

☐ Soil Excavated within the Limits Specified in Question 7 (GUST-9) and Transported to an EPD Treatment/Disposal Facility, Thus No Further Action is Required.

TAB 4

SITE PHOTOGRAPHS



Photo 1. The Tank 4 site at the beginning of concrete breaking and removal.



Photo 2. Tank 4 after removal, cutting and cleaning.

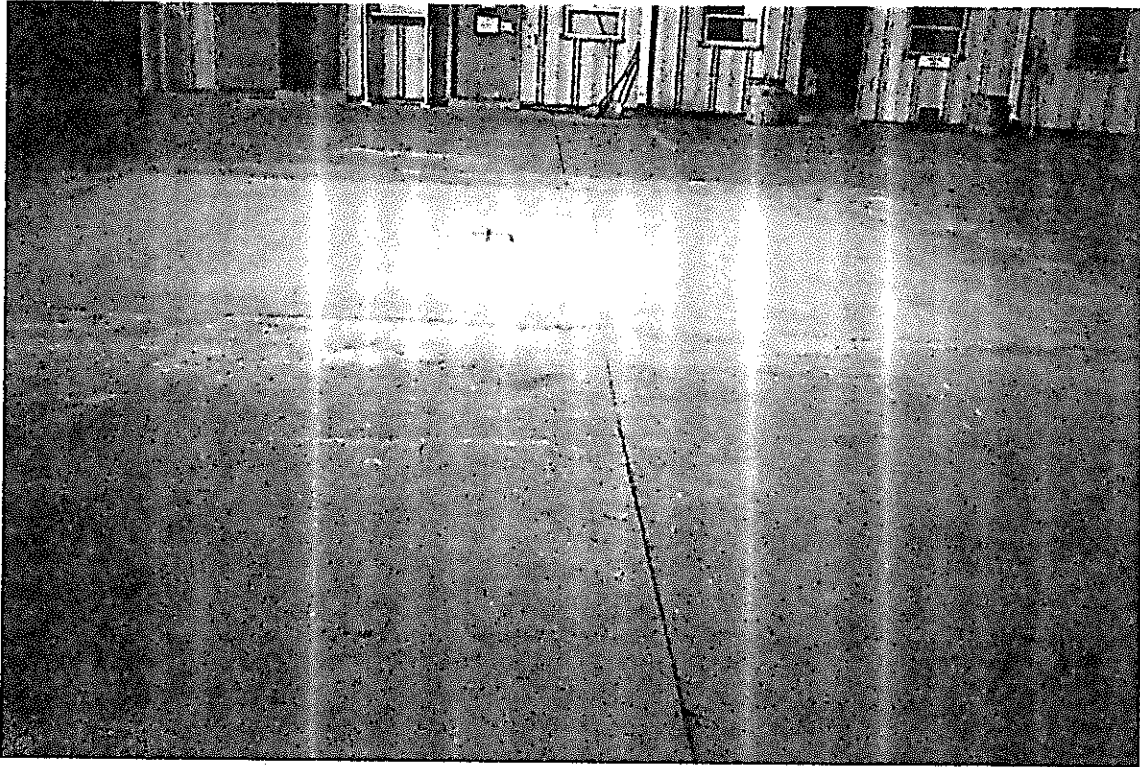


Photo 3. Tank 4 site after removal and new slab placement.

TAB 5

SITE MAPS

SERVICE DAYS 9 & 10

CONCRETE

Tank pit

VEHICLE PARKING

CROSS SECTION:

8" CONCRETE

ANDERSON COLUMBIA
ENVIRONMENTAL, INC.
P.O. BOX 1386 LAKE CITY, FLORIDA 32058 (904) 755-1196

JOB #8101 FT. STEWART, GA

LOCATION: BLDG. 1840

井ノ上 大蔵

DR. N. A. M. CHIN

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ENCB'S BEST

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LEGEND REF. DRUG'S

TANK DIMENSIONS: 3'-8" DIAMETER
14'-0" LENGTH

TEELS

Headspace Analyses

Instrument: _____ Serial #: _____
 Source: _____ Temp: _____
 PID Correlation: 50 ppm

[illegible]

TAB 6

EPA FORM 7530-1
&
FIELD ASSESSMENT METHODS

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

state use only

Part I: Facility Data

FACILITY ID NUMBER: 9-089065

OWNER'S ID: 197

INITIAL DATE RECEIVED: 05-06-1986

DATE AMENDED LAST: _____

NOTIFICATION TYPE: ☐ New ☒ Amended ☒ Closure

OWNERSHIP OF TANK (S):

NUMBER OF TANK (S): 4

Name : US ARMY/FT STEWART
Mailing Address : HQ 3RD INF DIV (M), AFZP-DEV/BLDG 1139
City : FT STEWART State: GEORGIA Zip Code: 31314-5000
Phone : 912-767-1071 County: LIBERTY

LOCATION OF TANK (S):

Name : FT STEWART/FAC 1840
Street Address : FAC 1840
City : FT STEWART State: GEORGIA Zip Code: 31314-5000
County : LIBERTY Latitude: _____ Longitude: _____
Phone : _____

OWNER TYPE: ☒ Federal ☐ State ☐ Local ☐ Commercial ☐ Private

FACILITY TYPE (S):

☐ Gas Station	☐ Local Government	☐ Contractor
☐ Petroleum Dist	☐ State Government	☐ Truck/Transport
☐ Air Tax (Airport)	☐ Fed Non-Military	☐ Utilities
☐ Aircraft Owner	☒ Fed Military	☐ Farm
☐ Auto Dealership	☐ Commercial	☐ Residential
☐ Railroad	☐ Industrial	☐ Other
☐ Hospital	☐ Educational	

CONTACT PERSON IN CHARGE OF TANK (S):

Name : US ARMY/FT STEWART Title: JOHN SPEAR/ENV ENG
Address : HQ 3RD INF DIV (M), AFZP-DEV/BLDG 1139
City : FT STEWART State: GEORGIA Zip Code: 31314-5000
Phone : 912-767-1071

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part I: Facility Data

FINANCIAL RESPONSIBILITY:

FACILITY ID NUMBER:

- ☐ I meet the financial responsibility requirements of SS12-13-9 Official Code of Georgia Annotated by providing or participating in one of the following financial assurance mechanisms.

Primary Financial Responsibility Mechanism (check one)

- | | |
|---|---|
| ☐ GUST Trust Fund | ☐ Insurance |
| ☐ Surety Bond | ☐ Guarantee |
| ☐ Letter of Credit | ☐ Trust Fund (other than GUST) |
| ☐ Risk Retention Group | ☒ Other Method |
| ☐ Self-insured | ☐ None |

If a primary coverage mechanism other than GUST Trust Fund is checked, provide the following information pursuant to GUST Rule 391-3-15-.12 (1):

Financial Responsibility Provider (primary):

Name: US Army

Address: HQ 3rd Inf. Div. (M) AFZP-DEV/BLDG 1139 City: Ft. Stewart State: GA

Mechanism Id Number: _____

Mechanism Anniversary Date: _____

Deductible Financial Responsibility, if any: (check one)

Note: If your primary Financial Responsibility Mechanism is provided through participation in the GUST Trust Fund by payment of Environmental Assurance Fees, as required under GUST Rule 391-3-15-.13, you must also check one of the following boxes indicating how coverage for the GUST Trust Fund \$10,000 deductible is being provided.

If your Financial Responsibility Mechanism is other than GUST Trust Fund and it has a deductible, you must also check one of the following boxes indicating how coverage for the deductible is being provided.

- | | |
|---|---|
| ☐ Surety Bond | ☐ Insurance |
| ☐ Letter of Credit | ☐ Guarantee |
| ☐ Risk Retention Group | ☐ Trust Fund (other than GUST) |
| ☐ Self-insured | ☐ Other Method |

Provide the name and address of Financial Responsibility Provider for Deductible pursuant to GUST Rule 391-15-.12 (1):

Financial Responsibility Provider (deductible):

Name: _____

Address: _____ City: _____ State: _____

Mechanism Id Number: _____

Mechanism Anniversary Date: _____

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part III: Certifications

OATH OF

INSTALLATION: I certify the information concerning installation of the UST system, release detection, and spill/overflow protection specified in Part II-Tank Data is true to the best of my belief and knowledge.

Installer:

Company

Company Address

Authorized Representative

Signature

Date

Title

Telephone Number (include Area Code)

CERTIFICATION: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Owner:

John H. Spears

Owner Name

Chief, Environmental Branch

Title

Owner's Signature

Date

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part II: Tank Data

FACILITY ID	9-089065	9-089065	9-089065	9-089065	
TANK ID	2	3	4	4A	
Status of Tank					
Currently in Use	x	x	x	x	
Temp. Out of Use					
Perm. Out of Use					
Date of Installation	01-01-1982	01-01-1982	01-01-1982	01-01-1982	
Age	14	14	14	14	
Est. Total Capacity	25,000	5,000	2,500	1,000	
MATERIAL OF CONSTRUCTION					
Asphalt or Bare Steel				x	
Cath. Protected Steel					
Epoxy Coated Steel					
Composite					
Fiberglass Reinf. Plas.	x	x	x		
Lined Interior					
Double Walled					
Poly. Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, Explanation					
Date Tank Repaired					
PIPING MATERIAL					
Bare Steel					
Galvanized Steel	x	x	x	x	
Fiberglass					
Copper					
Cathodically Protected					
Double Walled					
Secondary Containment					
Unknown					
Other, Explanation					
Date Piping Installed					
Piping Type					
Suction: No Valve					
Suction: Valve					
Pressure					
Gravity Fed					
Date Piping Repaired					
Substance Stored in Tank					
Gasoline		x			
Diesel	x				
Gasohol					
Kerosene					
Heating Oil					
Used Oil			x		
Propane					
Empty					
Other, Explanation				Waste Fuel	

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part II: Tank Data

FACILITY ID	9-089065		9-089065		9-089065		9-089065			
TANK ID	2		3		4		4A			
Substance Stored in Tank										
Hazardous Substance										
CERCLA Name										
CAS Number										
Mixture										
Mixture, Specification										
Out of Use/Chg. Ser.										
	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Est. Date Last Used	8/16/96	8/16/96	8/16/96	8/16/96	8/14/96	8/14/96	3/96	3/96		
Est. Date Closed	8/13/96	8/13/96	8/14/96	8/14/96	8/11/96	8/16/96	8/14/96	8/14/96		
Removed from Ground	X	X	X	X	X	X	X	X		
Closed in Ground										
Filled with Iner. Mat.										
Change in Service										
Site Assessment Compl.										
Leak Detected										
Installation										
Certified by Manufac.										
Certified by Imple. Agn.										
Inspected by Engineer										
Checklists Completed										
Another Allowed Method										
Method Description										
Certified by Imple. Agn.										
Inspected by Engineer										
Checklists Completed										
Another Allowed Method										
Method Description										
Release Detection										
	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Tank Tightness Testing										
Inventory Controls										
SIR										
Automatic Tank Gauging										
Inter. Mon./Double Wall										
Groundwater Monitoring										
Manual Tank Gauging										
Vapor Monitoring										
Inter. Mon./Sec. Cont.										
Auto. Line Leak Detect.										
Line Tightness Testing										
Other Method										
Other Description										
Spill and Overfill										
Date Overfill Device										
Date Spill Device										
Installer Certification										
Name										
Position										
Company										
Date										

TAB 6

FIELD ASSESSMENT METHODS

SOIL SAMPLES

Soil samples for analytical testing were collected by Anderson Columbia Environmental, Inc. (ACE) personnel two (2) feet below both end of the excavated tanks and from the side walls of the excavation. Soil samples were collected into precleaned, labeled laboratory sample bottles and immediately placed on ice. The samples were shipped under Chain of Custody to the Corps of Engineers contract laboratory, Ecosys Laboratory Services.

Soil samples for field screening were collected by ACE personnel from each side and bottom of the tank pit. Soil samples were collected at various intervals and soil vapors were withdrawn for volatile organic compounds (VOCs) with a Heath PORTA-FID II, Model No. 8000 Flame Ionization Detector (FID) fitted with a methane filter. Calibration was performed prior to field sampling with a 100 ppm methane/air mixture.

FID readings of soil samples were collected by filling a clean glass jar one-half full with soil, capping the jar with clean aluminum foil and allowing conditions in the jar to equilibrate for approximately 60 minutes. The tip of the FID was then carefully inserted through the aluminum foil and an air sample from the jar's headspace was analyzed for total VOCs.

GROUNDWATER SAMPLES

Groundwater samples were collected from the bottom of the tank pits only when groundwater invaded the excavation. Groundwater samples were collected from the excavation site with a disposable Teflon bailer and immediately placed in precleaned, labeled laboratory sample containers. Following collection, samples were immediately placed in a sample cooler with ice and were delivered, under Chain of Custody, to Ecosys Laboratory Services.

TAB 7

ANALYTICAL DATA

TAB 7 - Laboratory Analytical Data

Delivery Order #101
Fort Stewart, Georgia
Tank Number 4
Building Number 1840

<i>Method</i> Sample ID <i>unit</i>	9073 TRPH ppm	418.1 TPH ppm	8020 BTEx ppb	8270B Semi-Volatile Organics ppb
8101-TK4-GW			37.5	bdl
bdl= below method detection limits				

all < GA SDWA

**Fort Stewart is in an area of 'High or Average Groundwater pollution susceptibility' and this tank is approximately 2000 feet from a withdrawal point. Comparisons should be made to Table A for contaminants >500 feet from a withdrawal point. This comparison reveals that the sampled waters in the excavation pit contain contaminants below the action threshold.

88.22 tons of petroleum contaminated soil was removed from the Tank 4 pit.

Complete Data Package Follows

Petroleum Constituents and Soil Threshold Levels^a

At UST corrective action sites where withdrawal points for public and non-public water supplies exist within distances defined in GUST Rule 391-3-15-.09(3):

CONSTITUENT	AVERAGE OR HIGHER GROUNDWATER POLLUTION SUSCEPTIBILITY AREA ^b (Where public water supplies exist within 2.0 miles and/or non-public supplies exist within 0.5 miles)		LOWER GROUNDWATER POLLUTION SUSCEPTIBILITY AREA ^c (Where public water supplies exist within 1.0 mile and/or non-public supplies exist within 0.25 mile)	
	≤500 feet to withdrawal point	>500 feet to withdrawal point	≤500 feet to withdrawal point	>500 feet to withdrawal point
VOLATILE ORGANIC COMPOUNDS				
Benzene ^d	0.005 mg/kg ^d	0.008 mg/kg	0.005 mg/kg ^d	0.71 mg/kg
Toluene	0.400 mg/kg	6.00 mg/kg	0.400 mg/kg	500.00 mg/kg
Ethylbenzene	0.370 mg/kg	10.00 mg/kg	0.500 mg/kg	140.00 mg/kg
Xylenes (total)	20.00 mg/kg	700.00 mg/kg	27.00 mg/kg	700.00 mg/kg
POLYNUCLEAR AROMATIC HYDROCARBONS				
Acenaphthene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Anthracene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Benz(a)anthracene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Benzo(a)pyrene	0.660 mg/kg ^d	N/A ^e	N/A ^e	N/A ^e
Benzo(b)fluoranthene	0.820 mg/kg ^{d,f}	N/A ^e	N/A ^e	N/A ^e
Benzo(g,h,i)perylene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Benzo(k)fluoranthene	1.60 mg/kg ^{d,f}	N/A ^e	N/A ^e	N/A ^e
Chrysene	0.660 mg/kg ^d	N/A ^e	N/A ^e	N/A ^e
Dibenz(a,h)anthracene	1.50 mg/kg ^{d,f}	N/A ^e	N/A ^e	N/A ^e
Fluoranthene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Fluorene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Indeno(1,2,3-c,d)pyrene	0.660 mg/kg ^d	N/A ^e	0.660 mg/kg ^d	N/A ^e
Naphthalene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Phenanthrene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Pyrene	N/A ^e	N/A ^e	N/A ^e	N/A ^e

Based on worst-case assumptions for one-dimensional vadose zone and groundwater contaminant fate and transport models.

Based on an assumed distance of 0.5 feet between contaminated soils and the water table.

Based on an assumed distance of 5.0 feet between contaminated soils and the water table.

d - Estimated Quantitation Limit. The health-based threshold level is less than the laboratory method limit of detection.

e - Not applicable. The health-based threshold level exceeds the expected soil concentration under free product condition.

f - In order to protect surface waters, the soil threshold level in Table B may supersede that found in Table A.

g - In the presence of other petroleum contaminants in concentrations exceeding 1.0 mg/kg, the Estimated Quantitation Limit, and hence the soil threshold level, may be substantially greater, as approved by EPD.

Table B

Petroleum Constituents and Soil Threshold^a Levels

Other UST corrective action sites where withdrawal points for public and non-public water supplies do not exist within distances defined in GUST Rule 391-3-15-.09(3):

CONSTITUENT	AVERAGE OR HIGHER GROUNDWATER POLLUTION SUSCEPTIBILITY AREA ^b		LOWER GROUNDWATER POLLUTION SUSCEPTIBILITY AREA ^c	
	≤500 feet to sur- face water body	> 500 feet to sur- face water body	≤500 feet to sur- face water body	> 500 feet to sur- face water body
VOLATILE ORGANIC COMPOUNDS				
Benzene ^d	0.017 mg/kg	0.120 mg/kg	0.020 mg/kg	11.30 mg/kg
Toluene	115.00 mg/kg	500.00 mg/kg	135.00 mg/kg	500.00 mg/kg
Ethylbenzene	18.00 mg/kg	140.00 mg/kg	28.00 mg/kg	140.00 mg/kg
Xylenes (total)	700.00 mg/kg	700.00 mg/kg	700.00 mg/kg	700.00 mg/kg
POLYNUCLEAR AROMATIC HYDROCARBONS				
Acenaphthene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Anthracene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Benz(a)anthracene	0.660 mg/kg ^d	N/A ^e	N/A ^e	N/A ^e
Benzo(a)pyrene	0.660 mg/kg ^d	N/A ^e	N/A ^e	N/A ^e
Benzo(b)fluoranthene	0.660 mg/kg ^d	N/A ^e	N/A ^e	N/A ^e
Benzo(g,h,i)perylene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Benzo(k)fluoranthene	0.660 mg/kg ^d	N/A ^e	N/A ^e	N/A ^e
Chrysene	0.660 mg/kg ^d	N/A ^e	N/A ^e	N/A ^e
Dibenz(a,h)anthracene	0.660 mg/kg ^d	N/A ^e	N/A ^e	N/A ^e
Fluoranthene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Fluorene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Indeno(1,2,3-c,d)pyrene	0.660 mg/kg ^d	N/A ^e	0.660 mg/kg ^d	N/A ^e
Naphthalene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Phenanthrene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Pyrene	N/A ^e	N/A ^e	N/A ^e	N/A ^e

^a based on worst-case assumptions for one-dimensional vadose zone and groundwater contaminant fate and transport models.

^b based on an assumed distance of 0.5 feet between contaminated soils and the water table.

^c based on an assumed distance of 5.0 feet between contaminated soils and the water table.

^d Estimated Quantitation Limit. The health-based threshold level is less than the laboratory method limit of detection.

^e Not applicable. The health-based threshold level exceeds the expected soil concentration under free product condition.

^f In the presence of other petroleum contaminants in concentrations exceeding 1.0 mg/kg, the Estimated Quantitation Limit, and hence the soil threshold level, may be substantially greater, as approved by EPD.

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Client Code 20102122
Ledger Number 108146
P.O. Number
Date Received 08/23/96
Time Received 17:00
Reporting Date 09/05/96

Ledger Comment SOIL results were reported on a wet weight basis.

Lab Sample ID AB37784 Client Site # 8101
Project # 8101 Client Sample # TK4-GW
Project Name FT. STEWART/COE SAMPLES
Sampling Date/Time 08/20/96 14:30

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEMI (GC/MS) WATER				Prep Date 08/26/96		Batch 0826960001			
8270B	N-NITROSODIMETHYLAMINE	\$06118	Below MDL	100	ug/L	10.0	62-75-9	GC	08/26/96
8270B	ANILINE	\$06118	Below MDL	100	ug/L	10.0	62-53-3	GC	08/26/96
8270B	PHENOL	\$06118	Below MDL	100	ug/L	10.0	108-95-2	GC	08/26/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06118	Below MDL	100	ug/L	10.0	111-44-4	GC	08/26/96
8270B	2-CHLOROPHENOL	\$06118	Below MDL	100	ug/L	10.0	95-57-8	GC	08/26/96
8270B	1,3-DICHLOROBENZENE	\$06118	Below MDL	100	ug/L	10.0	541-73-1	GC	08/26/96
8270B	1,4-DICHLOROBENZENE	\$06118	Below MDL	100	ug/L	10.0	106-46-7	GC	08/26/96
8270B	BENZYL ALCOHOL	\$06118	Below MDL	100	ug/L	10.0	100-51-6	GC	08/26/96
8270B	1,2-DICHLOROBENZENE	\$06118	Below MDL	100	ug/L	10.0	95-50-1	GC	08/26/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06118	Below MDL	100	ug/L	10.0	108-60-1	GC	08/26/96
8270B	2-METHYLPHENOL	\$06118	Below MDL	100	ug/L	10.0	95-48-7	GC	08/26/96
8270B	4-METHYLPHENOL	\$06118	Below MDL	100	ug/L	10.0	106-44-5	GC	08/26/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06118	Below MDL	100	ug/L	10.0	621-64-7	GC	08/26/96
8270B	HEXACHLOROETHANE	\$06118	Below MDL	100	ug/L	10.0	67-72-1	GC	08/26/96
8270B	NITROBENZENE	\$06118	Below MDL	100	ug/L	10.0	98-95-3	GC	08/26/96
8270B	ISOPHORONE	\$06118	Below MDL	100	ug/L	10.0	78-59-1	GC	08/26/96
8270B	2-NITROPHENOL	\$06118	Below MDL	200	ug/L	10.0	88-75-5	GC	08/26/96
8270B	2,4-DIMETHYLPHENOL	\$06118	Below MDL	100	ug/L	10.0	105-67-9	GC	08/26/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06118	Below MDL	100	ug/L	10.0	111-91-1	GC	08/26/96
8270B	2,4-DICHLOROPHENOL	\$06118	Below MDL	100	ug/L	10.0	120-83-2	GC	08/26/96
8270B	1,2,4-TRICHLOROBENZENE	\$06118	Below MDL	100	ug/L	10.0	120-82-1	GC	08/26/96
8270B	BENZOIC ACID	\$06118	Below MDL	500	ug/L	10.0	65-85-0	GC	08/26/96
8270B	NAPHTHALENE	\$06118	Below MDL	100	ug/L	10.0	91-20-3	GC	08/26/96
8270B	4-CHLOROANILINE	\$06118	Below MDL	100	ug/L	10.0	106-47-8	GC	08/26/96
8270B	HEXACHLOROBUTADIENE	\$06118	Below MDL	100	ug/L	10.0	87-68-3	GC	08/26/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06118	Below MDL	100	ug/L	10.0	59-50-7	GC	08/26/96
8270B	2-METHYLNAPHTHALENE	\$06118	Below MDL	100	ug/L	10.0	91-57-6	GC	08/26/96
8270B	HEXACHLOROCYCLOPENTADIENE	\$06118	Below MDL	100	ug/L	10.0	77-47-4	GC	08/26/96
8270B	2,4,6-TRICHLOROPHENOL	\$06118	Below MDL	100	ug/L	10.0	88-06-2	GC	08/26/96

Lab Sample ID AB37784 Client Site # 8101
 Project # 8101 Client Sample # TK4-GW
 Project Name FT. STEWART/COE SAMPLES
 Sampling Date/Time 08/20/96 14:30

MD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEM., (GC/MS) WATER				Prep Date 08/26/96			Batch 0826960001		
8270B	2,4,5-TRICHLOROPHENOL	\$06118	Below MDL	100	ug/L	10.0	95-95-4	GC	08/26/96
8270B	2-CHLORONAPHTHALENE	\$06118	Below MDL	100	ug/L	10.0	91-58-7	GC	08/26/96
8270B	2-NITROANILINE	\$06118	Below MDL	100	ug/L	10.0	88-74-4	GC	08/26/96
8270B	DIMETHYL PHTHALATE	\$06118	Below MDL	100	ug/L	10.0	131-11-3	GC	08/26/96
8270B	ACENAPHTHYLENE	\$06118	Below MDL	100	ug/L	10.0	208-96-8	GC	08/26/96
8270B	2,6-DINITROTOLUENE	\$06118	Below MDL	100	ug/L	10.0	606-20-2	GC	08/26/96
8270B	3-NITROANILINE	\$06118	Below MDL	100	ug/L	10.0	99-09-2	GC	08/26/96
8270B	ACENAPHTHENE	\$06118	Below MDL	100	ug/L	10.0	83-32-9	GC	08/26/96
8270B	2,4-DINITROPHENOL	\$06118	Below MDL	500	ug/L	10.0	51-28-5	GC	08/26/96
8270B	4-NITROPHENOL	\$06118	Below MDL	500	ug/L	10.0	100-02-7	GC	08/26/96
8270B	DIBENZOFURAN	\$06118	Below MDL	100	ug/L	10.0	132-64-9	GC	08/26/96
8270B	2,4-DINITROTOLUENE	\$06118	Below MDL	100	ug/L	10.0	121-14-2	GC	08/26/96
8270B	DIETHYL PHTHALATE	\$06118	Below MDL	100	ug/L	10.0	84-66-2	GC	08/26/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06118	Below MDL	100	ug/L	10.0	7005-72-3	GC	08/26/96
8270B	FLUORENE	\$06118	Below MDL	100	ug/L	10.0	86-73-7	GC	08/26/96
8270B	4-NITROANILINE	\$06118	Below MDL	100	ug/L	10.0	100-01-6	GC	08/26/96
8270B	4,6-DINITRO-2-METHYLPHENOL	\$06118	Below MDL	500	ug/L	10.0	534-52-1	GC	08/26/96
8270B	N-NITROSODIPHENYLAMINE	\$06118	Below MDL	100	ug/L	10.0	86-30-6	GC	08/26/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$06118	Below MDL	100	ug/L	10.0	101-55-3	GC	08/26/96
8270B	HEXACHLOROBENZENE	\$06118	Below MDL	100	ug/L	10.0	118-74-1	GC	08/26/96
8270B	PENTACHLOROPHENOL	\$06118	Below MDL	500	ug/L	10.0	87-86-5	GC	08/26/96
8270B	PHENANTHRENE	\$06118	Below MDL	100	ug/L	10.0	85-01-8	GC	08/26/96
8270B	ANTHRACENE	\$06118	Below MDL	100	ug/L	10.0	120-12-7	GC	08/26/96
8270B	DI-N-BUTYL PHTHALATE	\$06118	Below MDL	100	ug/L	10.0	84-74-2	GC	08/26/96
8270B	FLUORANTHENE	\$06118	Below MDL	100	ug/L	10.0	206-44-0	GC	08/26/96
8270B	BENZIDINE	\$06118	Below MDL	800	ug/L	10.0	92-87-5	GC	08/26/96
8270B	PYRENE	\$06118	Below MDL	100	ug/L	10.0	129-00-0	GC	08/26/96
8270B	BUTYL BENZYL PHTHALATE	\$06118	Below MDL	100	ug/L	10.0	85-68-7	GC	08/26/96
8270B	3,3-DICHLOROBENZIDINE	\$06118	Below MDL	100	ug/L	10.0	91-94-1	GC	08/26/96
8270B	BENZ(A)ANTHRACENE	\$06118	Below MDL	100	ug/L	10.0	56-55-3	GC	08/26/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06118	Below MDL	200	ug/L	10.0	117-81-7	GC	08/26/96
8270B	CHRYSENE	\$06118	Below MDL	100	ug/L	10.0	218-01-9	GC	08/26/96
8270B	DI-N-OCTYL PHTHALATE	\$06118	Below MDL	100	ug/L	10.0	117-84-0	GC	08/26/96
8270B	BENZO(B)FLUORANTHENE	\$06118	Below MDL	100	ug/L	10.0	205-99-2	GC	08/26/96
8270B	BENZO(K)FLUORANTHENE	\$06118	Below MDL	100	ug/L	10.0	207-08-9	GC	08/26/96
8270B	BENZO(A)PYRENE	\$06118	Below MDL	100	ug/L	10.0	50-32-8	GC	08/26/96
8270B	INDENO(1,2,3-CD)PYRENE	\$06118	Below MDL	100	ug/L	10.0	193-39-5	GC	08/26/96
8270B	DIBENZ(A,H)ANTHRACENE	\$06118	Below MDL	100	ug/L	10.0	53-70-3	GC	08/26/96
8270B	BENZO(G,H,I)PERYLENE	\$06118	Below MDL	100	ug/L	10.0	191-24-2	GC	08/26/96
8270B	1,2-DIPHENYL-HYDRAZINE	\$06118	Below MDL	100	ug/L	10.0	122-66-7	GC	08/26/96
3TEX (GC) WATER				Prep Date 08/30/96			Batch 082196BS		
8020A	BENZENE	\$08106	Below MDL	1.0	ug/L	1.0	71-43-2	DA	08/30/96
8020A	TOLUENE	\$08106	Below MDL	1.0	ug/L	1.0	108-88-8	DA	08/30/96
8020A	ETHYLBENZENE	\$08106	3.5	1.0	ug/L	1.0	100-41-4	DA	08/30/96
8020A	XYLENES (TOTAL)	\$08106	34	1.0	ug/L	1.0	1330-20-7	DA	08/30/96

Lab Sample ID AB37784 Client Site # 8101
 Project # 8101 Client Sample # TK4-GW
 Project Name FT. STEWART/COE SAMPLES
 Sampling Date/Time 08/20/96 14:30

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BTEX (GC) WATER						Prep Date 08/30/96		Batch 082196BS	
8020A	CHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	108-90-7	DA	08/30/96
8020A	1,2-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	95-50-1	DA	08/30/96
8020A	1,3-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	541-73-1	DA	08/30/96
8020A	1,4-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	106-46-7	DA	08/30/96
8020A	TERT-METHYLBUTYL ETHER	\$08106	Below MDL	1.0	ug/L	1.0	1634-04-4	DA	08/30/96

Lab Sample ID AB37785 Client Site # 8101
 Project # 8101 Client Sample # TK87-S1
 Project Name FT. STEWART/COE SAMPLES
 Sampling Date/Time 08/21/96 11:00

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEMI (GC/MS) SOIL						Prep Date 08/30/96		Batch 0830960002	
8270B	N-NITROSODIMETHYLAMINE	\$06018	Below MDL	495	ug/Kg	1.5	62-75-9	GC	08/29/96
8270B	ANILINE	\$06018	Below MDL	495	ug/Kg	1.5	62-53-3	GC	08/29/96
8270B	PHENOL	\$06018	Below MDL	495	ug/Kg	1.5	108-95-2	GC	08/29/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06018	Below MDL	495	ug/Kg	1.5	111-44-4	GC	08/29/96
8270B	2-CHLOROPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	95-57-8	GC	08/29/96
8270B	1,3-DICHLOROBENZENE	\$06018	Below MDL	495	ug/Kg	1.5	541-73-1	GC	08/29/96
8270B	1,4-DICHLOROBENZENE	\$06018	Below MDL	495	ug/Kg	1.5	106-46-7	GC	08/29/96
8270B	BENZYL ALCOHOL	\$06018	Below MDL	495	ug/Kg	1.5	100-51-6	GC	08/29/96
8270B	1,2-DICHLOROBENZENE	\$06018	Below MDL	495	ug/Kg	1.5	95-50-1	GC	08/29/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06018	Below MDL	495	ug/Kg	1.5	108-60-1	GC	08/29/96
8270B	2-METHYLPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	95-48-7	GC	08/29/96
8270B	4-METHYLPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	106-44-5	GC	08/29/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06018	Below MDL	495	ug/Kg	1.5	621-64-7	GC	08/29/96
8270B	HEXACHLOROETHANE	\$06018	Below MDL	495	ug/Kg	1.5	67-72-1	GC	08/29/96
8270B	NITROBENZENE	\$06018	Below MDL	495	ug/Kg	1.5	98-95-3	GC	08/29/96
8270B	ISOPHORONE	\$06018	Below MDL	495	ug/Kg	1.5	78-59-1	GC	08/29/96
8270B	2-NITROPHENOL	\$06018	Below MDL	990	ug/Kg	1.5	88-75-5	GC	08/29/96
8270B	2,4-DIMETHYLPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	105-67-9	GC	08/29/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06018	Below MDL	495	ug/Kg	1.5	111-91-1	GC	08/29/96
8270B	2,4-DICHLOROPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	120-83-2	GC	08/29/96
8270B	1,2,4-TRICHLOROBENZENE	\$06018	Below MDL	495	ug/Kg	1.5	120-82-1	GC	08/29/96
8270B	BENZOIC ACID	\$06018	Below MDL	2475	ug/Kg	1.5	65-85-0	GC	08/29/96
8270B	NAPHTHALENE	\$06018	Below MDL	495	ug/Kg	1.5	91-20-3	GC	08/29/96
8270B	4-CHLOROANILINE	\$06018	Below MDL	495	ug/Kg	1.5	106-47-8	GC	08/29/96
8270B	HEXACHLOROBUTADIENE	\$06018	Below MDL	495	ug/Kg	1.5	87-68-3	GC	08/29/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06018	Below MDL	990	ug/Kg	1.5	59-50-7	GC	08/29/96
8270B	2-METHYLNAPHTHALENE	\$06018	Below MDL	495	ug/Kg	1.5	91-57-6	GC	08/29/96
8270B	HEXACHLOROCYCLOPENTADIENE	\$06018	Below MDL	495	ug/Kg	1.5	77-47-4	GC	08/29/96
8270B	2,4,6-TRICHLOROPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	88-06-2	GC	08/29/96
8270B	2,4,5-TRICHLOROPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	95-95-4	GC	08/29/96

Lab Sample ID AB37785 Client Site # 8101
 Project # 8101 Client Sample # TK87-S1
 Project Name FT. STEWART/COE SAMPLES
 Sampling Date/Time 08/21/96 11:00

MD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEMI (GC/MS) SOIL				Prep Date 08/30/96			Batch 0830960002		
8270B	2-CHLORONAPHTHALENE	\$06018	Below MDL	495	ug/Kg	1.5	91-58-7	GC	08/29/96
8270B	2-NITROANILINE	\$06018	Below MDL	495	ug/Kg	1.5	88-74-4	GC	08/29/96
8270B	DIMETHYL PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	131-11-3	GC	08/29/96
8270B	ACENAPHTHYLENE	\$06018	Below MDL	495	ug/Kg	1.5	208-96-8	GC	08/29/96
8270B	2,6-DINITROTOLUENE	\$06018	Below MDL	495	ug/Kg	1.5	506-20-2	GC	08/29/96
8270B	3-NITROANILINE	\$06018	Below MDL	495	ug/Kg	1.5	99-09-2	GC	08/29/96
8270B	ACENAPHTHENE	\$06018	Below MDL	495	ug/Kg	1.5	83-32-9	GC	08/29/96
8270B	2,4-DINITROPHENOL	\$06018	Below MDL	2475	ug/Kg	1.5	51-28-5	GC	08/29/96
8270B	4-NITROPHENOL	\$06018	Below MDL	2475	ug/Kg	1.5	100-02-7	GC	08/29/96
8270B	DIBENZOFURAN	\$06018	Below MDL	495	ug/Kg	1.5	132-64-9	GC	08/29/96
8270B	2,4-DINITROTOLUENE	\$06018	Below MDL	495	ug/Kg	1.5	121-14-2	GC	08/29/96
8270B	DIETHYL PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	84-66-2	GC	08/29/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06018	Below MDL	495	ug/Kg	1.5	7005-72-3	GC	08/29/96
8270B	FLUORENE	\$06018	Below MDL	495	ug/Kg	1.5	86-73-7	GC	08/29/96
8270B	4-NITROANILINE	\$06018	Below MDL	495	ug/Kg	1.5	100-01-6	GC	08/29/96
8270B	4,6-DINITRO-2-METHYLPHENOL	\$06018	Below MDL	2475	ug/Kg	1.5	534-52-1	GC	08/29/96
8270B	N-NITROSODIPHENYLAMINE	\$06018	Below MDL	495	ug/Kg	1.5	86-30-6	GC	08/29/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$06018	Below MDL	495	ug/Kg	1.5	101-55-3	GC	08/29/96
8270B	HEXACHLOROBENZENE	\$06018	Below MDL	495	ug/Kg	1.5	118-74-1	GC	08/29/96
8270B	PENTACHLOROPHENOL	\$06018	Below MDL	2475	ug/Kg	1.5	87-86-5	GC	08/29/96
8270B	PHENANTHRENE	\$06018	Below MDL	495	ug/Kg	1.5	85-01-8	GC	08/29/96
8270B	ANTHRACENE	\$06018	Below MDL	495	ug/Kg	1.5	120-12-7	GC	08/29/96
8270B	DI-N-BUTYL PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	84-74-2	GC	08/29/96
8270B	FLUORANTHENE	\$06018	Below MDL	495	ug/Kg	1.5	206-44-0	GC	08/29/96
8270B	BENZIDINE	\$06018	Below MDL	3960	ug/Kg	1.5	92-87-5	GC	08/29/96
8270B	PYRENE	\$06018	Below MDL	495	ug/Kg	1.5	129-00-0	GC	08/29/96
8270B	BUTYL BENZYL PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	85-68-7	GC	08/29/96
8270B	3,3'-DICHLOROBENZIDINE	\$06018	Below MDL	990	ug/Kg	1.5	91-94-1	GC	08/29/96
8270B	BENZ(A)ANTHRACENE	\$06018	Below MDL	495	ug/Kg	1.5	56-55-3	GC	08/29/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	117-81-7	GC	08/29/96
8270B	CHRYSENE	\$06018	Below MDL	495	ug/Kg	1.5	218-01-9	GC	08/29/96
8270B	DI-N-OCTYL PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	117-84-0	GC	08/29/96
8270B	BENZO(B)FLUORANTHENE	\$06018	Below MDL	495	ug/Kg	1.5	205-99-2	GC	08/29/96
8270B	BENZO(K)FLUORANTHENE	\$06018	Below MDL	495	ug/Kg	1.5	207-08-9	GC	08/29/96
8270B	BENZO(A)PYRENE	\$06018	Below MDL	495	ug/Kg	1.5	50-32-8	GC	08/29/96
8270B	INDENO(1,2,3-CD)PYRENE	\$06018	Below MDL	495	ug/Kg	1.5	193-39-5	GC	08/29/96
8270B	DIBENZ(A,H)ANTHRACENE	\$06018	Below MDL	495	ug/Kg	1.5	53-70-3	GC	08/29/96
8270B	BENZO(G,H,I)PERYLENE	\$06018	Below MDL	495	ug/Kg	1.5	191-24-2	GC	08/29/96
BTX (GC) SOIL				Prep Date 09/03/96			Batch 082196BS		
8020A	BENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	71-43-2	DTA	09/03/96
8020A	TOLUENE	\$08006	Below MDL	1.0	ug/Kg	1.0	108-88-3	DTA	09/03/96
8020A	ETHYLBENZENE	\$08006	8	1.0	ug/Kg	1.0	100-41-4	DTA	09/03/96
8020A	XYLENES (TOTAL)	\$08006	Below MDL	1.0	ug/Kg	1.0	1330-20-7	DTA	09/03/96
8020A	CHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	108-90-7	DTA	09/03/96
8020A	1,2-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	95-50-1	DTA	09/03/96

Lab Sample ID AB37785
Project # 8101
Project Name FT. STEWART/COE SAMPLES
Sampling Date/Time 08/21/96 11:00

Client Site # 8101
Client Sample # TK87-S1

Sampling Date/Time 08/21/96 11:00						DATE OF ANALYSIS			
METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution	CAS #	ANALYST	
						Factor			
BTX (GC) SOIL						Prep Date 09/03/96	Batch 082196BS		
8020A	1,3-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	541-73-1	DTA	09/03/96
8020A	1,4-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	106-46-7	DTA	09/03/96
8020A	TERT-METHYLBUTYL ETHER	\$08006	Below MDL	1.0	ug/Kg	1.0	1634-04-4	DTA	09/03/96
TPH DRO (FID) SOIL						Prep Date 08/27/96	Batch 0827960001		
8015A	DIESEL RANGE ORGANICS (DRO)	\$08009	90	10.0	mg/Kg	1.0		DA	08/24/96
						Prep Date 08/27/96	Batch 082796		
160.3	% TOTAL SOLIDS SOIL (N/C)	09099	88.0	0.1	%	1.0		MN	08/27/96

Lab Sample ID AB37786
Project # 8101
Project Name FT. STEWART/COE SAMPLES
Sampling Date/Time 08/21/96 11:15

Client Site # 8101
Client Sample # TK87-S2

Sampling Date/Time 08/21/96 11:15				Dilution		DATE OF	
METHOD	ANALYTE	TEST CODE	RESULT	MDL	Factor	CAS #	ANALYST ANALYSIS
SEMI (GC/MS) SOIL				Prep Date 08/30/96		Batch 0830960002	
8270B	N-NITROSODIMETHYLAMINE	\$06018	Below MDL	495 ug/Kg	1.5	62-75-9	GC 08/29/96
8270B	ANILINE	\$06018	Below MDL	495 ug/Kg	1.5	62-53-3	GC 08/29/96
8270B	PHENOL	\$06018	Below MDL	495 ug/Kg	1.5	108-95-2	GC 08/29/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06018	Below MDL	495 ug/Kg	1.5	111-44-4	GC 08/29/96
8270B	2-CHLOROPHENOL	\$06018	Below MDL	495 ug/Kg	1.5	95-57-8	GC 08/29/96
8270B	1,3-DICHLOROBENZENE	\$06018	Below MDL	495 ug/Kg	1.5	541-73-1	GC 08/29/96
8270B	1,4-DICHLOROBENZENE	\$06018	Below MDL	495 ug/Kg	1.5	106-46-7	GC 08/29/96
8270B	BENZYL ALCOHOL	\$06018	Below MDL	495 ug/Kg	1.5	100-51-6	GC 08/29/96
8270B	1,2-DICHLOROBENZENE	\$06018	Below MDL	495 ug/Kg	1.5	95-50-1	GC 08/29/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06018	Below MDL	495 ug/Kg	1.5	108-60-1	GC 08/29/96
8270B	2-METHYLPHENOL	\$06018	Below MDL	495 ug/Kg	1.5	95-48-7	GC 08/29/96
8270B	4-METHYLPHENOL	\$06018	Below MDL	495 ug/Kg	1.5	106-44-5	GC 08/29/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06018	Below MDL	495 ug/Kg	1.5	621-64-7	GC 08/29/96
8270B	HEXACHLOROETHANE	\$06018	Below MDL	495 ug/Kg	1.5	67-72-1	GC 08/29/96
8270B	NITROBENZENE	\$06018	Below MDL	495 ug/Kg	1.5	98-95-3	GC 08/29/96
8270B	ISOPHORONE	\$06018	Below MDL	495 ug/Kg	1.5	78-59-1	GC 08/29/96
8270B	2-NITROPHENOL	\$06018	Below MDL	990 ug/Kg	1.5	88-75-5	GC 08/29/96
8270B	2,4-DIMETHYLPHENOL	\$06018	Below MDL	495 ug/Kg	1.5	105-67-9	GC 08/29/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06018	Below MDL	495 ug/Kg	1.5	111-91-1	GC 08/29/96
8270B	2,4-DICHLOROPHENOL	\$06018	Below MDL	495 ug/Kg	1.5	120-83-2	GC 08/29/96
8270B	1,2,4-TRICHLOROBENZENE	\$06018	Below MDL	495 ug/Kg	1.5	120-82-1	GC 08/29/96
8270B	BENZOIC ACID	\$06018	Below MDL	2475 ug/Kg	1.5	65-85-0	GC 08/29/96
8270B	NAPHTHALENE	\$06018	Below MDL	495 ug/Kg	1.5	91-20-3	GC 08/29/96
8270B	4-CHLOROANILINE	\$06018	Below MDL	495 ug/Kg	1.5	106-47-8	GC 08/29/96
8270B	HEXACHLOROBUTADIENE	\$06018	Below MDL	495 ug/Kg	1.5	87-68-3	GC 08/29/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06018	Below MDL	990 ug/Kg	1.5	59-50-7	GC 08/29/96
8270B	2-METHYLNAPHTHALENE	\$06018	Below MDL	495 ug/Kg	1.5	91-57-6	GC 08/29/96
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Lab Sample ID AB37786 Client Site # 8101
 Project # 8101 Client Sample # TK87-S2
 Project Name FT. STEWART/COE SAMPLES
 Sampling Date/Time 08/21/96 11:15

MID	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution		CAS #	ANALYST	DATE OF ANALYSIS
						Factor				
SEM, (GC/MS) SOIL						Prep Date 08/30/96		Batch 0830960002		
8270B	HEXACHLOROCYCLOPENTADIENE	\$06018	Below MDL	495	ug/Kg	1.5	77-47-4	GC	08/29/96	
8270B	2,4,6-TRICHLOROPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	88-06-2	GC	08/29/96	
8270B	2,4,5-TRICHLOROPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	95-95-4	GC	08/29/96	
8270B	2-CHLORONAPHTHALENE	\$06018	Below MDL	495	ug/Kg	1.5	91-58-7	GC	08/29/96	
8270B	2-NITROANILINE	\$06018	Below MDL	495	ug/Kg	1.5	88-74-4	GC	08/29/96	
8270B	DIMETHYL PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	131-11-3	GC	08/29/96	
8270B	ACENAPHTHYLENE	\$06018	Below MDL	495	ug/Kg	1.5	208-96-8	GC	08/29/96	
8270B	2,6-DINITROTOLUENE	\$06018	Below MDL	495	ug/Kg	1.5	606-20-2	GC	08/29/96	
8270B	3-NITROANILINE	\$06018	Below MDL	495	ug/Kg	1.5	99-09-2	GC	08/29/96	
8270B	ACENAPHTHENE	\$06018	1100	495	ug/Kg	1.5	83-32-9	GC	08/29/96	
8270B	2,4-DINITROPHENOL	\$06018	Below MDL	2475	ug/Kg	1.5	51-28-5	GC	08/29/96	
8270B	4-NITROPHENOL	\$06018	Below MDL	2475	ug/Kg	1.5	100-02-7	GC	08/29/96	
8270B	DIBENZOFURAN	\$06018	925	495	ug/Kg	1.5	132-64-9	GC	08/29/96	
8270B	2,4-DINITROTOLUENE	\$06018	Below MDL	495	ug/Kg	1.5	121-14-2	GC	08/29/96	
8270B	DIETHYL PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	84-66-2	GC	08/29/96	
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06018	Below MDL	495	ug/Kg	1.5	7005-72-3	GC	08/29/96	
8270B	FLUORENE	\$06018	1810	495	ug/Kg	1.5	86-73-7	GC	08/29/96	
8270B	4-NITROANILINE	\$06018	Below MDL	495	ug/Kg	1.5	100-01-6	GC	08/29/96	
8270B	4,6-DINITRO-2-METHYLPHENOL	\$06018	Below MDL	2475	ug/Kg	1.5	534-52-1	GC	08/29/96	
8270B	N-NITROSODIPHENYLAMINE	\$06018	Below MDL	495	ug/Kg	1.5	86-30-6	GC	08/29/96	
8270B	4-BROMOPHENYL PHENYL ETHER	\$06018	Below MDL	495	ug/Kg	1.5	101-55-3	GC	08/29/96	
8270B	HEXACHLOROBENZENE	\$06018	Below MDL	495	ug/Kg	1.5	118-74-1	GC	08/29/96	
8270B	PENTACHLOROPHENOL	\$06018	Below MDL	2475	ug/Kg	1.5	87-86-5	GC	08/29/96	
8270B	PHENANTHRENE	\$06018	13200	1485	ug/Kg	1.5	85-01-8	GC	08/29/96	
8270B	ANTHRACENE	\$06018	11300	1485	ug/Kg	1.5	120-12-7	GC	08/29/96	
8270B	DI-N-BUTYL PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	84-74-2	GC	08/29/96	
8270B	FLUORANTHENE	\$06018	10400	1485	ug/Kg	1.5	206-44-0	GC	08/29/96	
8270B	BENZIDINE	\$06018	Below MDL	3960	ug/Kg	1.5	92-87-5	GC	08/29/96	
8270B	PYRENE	\$06018	9420	1485	ug/Kg	1.5	129-00-0	GC	08/29/96	
8270B	BUTYL BENZYL PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	85-68-7	GC	08/29/96	
8270B	3,3'-DICHLOROBENZIDINE	\$06018	Below MDL	990	ug/Kg	1.5	91-94-1	GC	08/29/96	
8270B	BENZ(A)ANTHRACENE	\$06018	1190	495	ug/Kg	1.5	56-55-3	GC	08/29/96	
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	117-81-7	GC	08/29/96	
8270B	CHRYSENE	\$06018	820	495	ug/Kg	1.5	218-01-9	GC	08/29/96	
8270B	DI-N-OCTYL PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	117-84-0	GC	08/29/96	
8270B	BENZO(B)FLUORANTHENE	\$06018	Below MDL	495	ug/Kg	1.5	205-99-2	GC	08/29/96	
8270B	BENZO(K)FLUORANTHENE	\$06018	Below MDL	495	ug/Kg	1.5	207-08-9	GC	08/29/96	
8270B	BENZO(A)PYRENE	\$06018	Below MDL	495	ug/Kg	1.5	50-32-8	GC	08/29/96	
8270B	INDENO(1,2,3-CD)PYRENE	\$06018	Below MDL	495	ug/Kg	1.5	193-39-5	GC	08/29/96	
8270B	DIBENZ(A,H)ANTHRACENE	\$06018	Below MDL	495	ug/Kg	1.5	53-70-3	GC	08/29/96	
8270B	BENZO(G,H,I)PERYLENE	\$06018	Below MDL	495	ug/Kg	1.5	191-24-2	GC	08/29/96	
BTX (GC) SOIL						Prep Date 09/03/96		Batch 082196BS		
8020A	BENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	71-43-2	DTA	09/03/96	
8020A	TOLUENE	\$08006	Below MDL	1.0	ug/Kg	1.0	108-88-3	DTA	09/03/96	
8020A	ETHYLBENZENE	\$08006	7	1.0	ug/Kg	1.0	100-41-4	DTA	09/03/96	

Lab Sample ID AB37786 Client Site # 8101
 Project # 8101 Client Sample # TK87-S2
 Project Name FT. STEWART/COE SAMPLES
 Sampling Date/Time 08/21/96 11:15

NO	DD	ANALYTE	TEST CODE	RESULT	MDL UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BTEX (GC) SOIL					Prep Date 09/03/96		Batch 082196BS		
8020A		XYLENE (TOTAL)	\$08006	14	1.0 ug/Kg	1.0		DTA	09/03/96
8020A		CHLOROBENZENE	\$08006	Below MDL	1.0 ug/Kg	1.0	106-90-7	DTA	09/03/96
8020A		1,2-DICHLOROBENZENE	\$08006	Below MDL	1.0 ug/Kg	1.0	95-50-1	DTA	09/03/96
8020A		1,3-DICHLOROBENZENE	\$08006	Below MDL	1.0 ug/Kg	1.0	541-73-1	DTA	09/03/96
8020A		1,4-DICHLOROBENZENE	\$08006	Below MDL	1.0 ug/Kg	1.0	106-46-7	DTA	09/03/96
8020A		TERT-METHYLBUTYL ETHER	\$08006	Below MDL	1.0 ug/Kg	1.0	1634-04-4	DTA	09/03/96
TPH DRO (FID) SOIL					Batch 0827960001				
8015A		DIESEL RANGE ORGANICS (DRO)	\$08009	260	10.0 mg/Kg	1.0		DA	08/27/96
					Batch 082796				
160.3		% TOTAL SOLIDS SOIL (N/C)	09099	87.2	0.1 %	1.0		MN	08/27/96

Lab Sample ID AB37787 Client Site # 8101
 Project # 8101 Client Sample # TK87-S3
 Project Name FT. STEWART/COE SAMPLES
 Sampling Date/Time 08/21/96 11:30

METHOD	ANALYTE	TEST CODE	RESULT	MDL UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SE (GC/MS) SOIL					Prep Date 08/30/96		Batch 0830960002	
8270B	N-NITROSODIMETHYLAMINE	\$06018	Below MDL	495 ug/Kg	1.5	62-75-9	GC	08/29/96
8270B	ANILINE	\$06018	Below MDL	495 ug/Kg	1.5	62-53-3	GC	08/29/96
8270B	PHENOL	\$06018	Below MDL	495 ug/Kg	1.5	108-95-2	GC	08/29/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06018	Below MDL	495 ug/Kg	1.5	111-44-4	GC	08/29/96
8270B	2-CHLOROPHENOL	\$06018	Below MDL	495 ug/Kg	1.5	95-57-8	GC	08/29/96
8270B	1,3-DICHLOROBENZENE	\$06018	Below MDL	495 ug/Kg	1.5	541-73-1	GC	08/29/96
8270B	1,4-DICHLOROBENZENE	\$06018	Below MDL	495 ug/Kg	1.5	106-46-7	GC	08/29/96
8270B	BENZYL ALCOHOL	\$06018	Below MDL	495 ug/Kg	1.5	100-51-6	GC	08/29/96
8270B	1,2-DICHLOROBENZENE	\$06018	Below MDL	495 ug/Kg	1.5	95-50-1	GC	08/29/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06018	Below MDL	495 ug/Kg	1.5	108-60-1	GC	08/29/96
8270B	2-METHYLPHENOL	\$06018	Below MDL	495 ug/Kg	1.5	95-48-7	GC	08/29/96
8270B	4-METHYLPHENOL	\$06018	Below MDL	495 ug/Kg	1.5	106-44-5	GC	08/29/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06018	Below MDL	495 ug/Kg	1.5	621-64-7	GC	08/29/96
8270B	HEXACHLOROETHANE	\$06018	Below MDL	495 ug/Kg	1.5	67-72-1	GC	08/29/96
8270B	NITROBENZENE	\$06018	Below MDL	495 ug/Kg	1.5	98-95-3	GC	08/29/96
8270B	ISOPHORONE	\$06018	Below MDL	495 ug/Kg	1.5	78-59-1	GC	08/29/96
8270B	2-NITROPHENOL	\$06018	Below MDL	990 ug/Kg	1.5	88-75-5	GC	08/29/96
8270B	2,4-DIMETHYLPHENOL	\$06018	Below MDL	495 ug/Kg	1.5	105-67-9	GC	08/29/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06018	Below MDL	495 ug/Kg	1.5	111-91-1	GC	08/29/96
8270B	2,4-DICHLOROPHENOL	\$06018	Below MDL	495 ug/Kg	1.5	120-83-2	GC	08/29/96
8270B	1,2,4-TRICHLOROBENZENE	\$06018	Below MDL	495 ug/Kg	1.5	120-82-1	GC	08/29/96
8270B	BENZOIC ACID	\$06018	Below MDL	2475 ug/Kg	1.5	65-85-0	GC	08/29/96
8270B	NAPHTHALENE	\$06018	Below MDL	495 ug/Kg	1.5	91-20-3	GC	08/29/96
8270B	4-CHLOROANILINE	\$06018	Below MDL	495 ug/Kg	1.5	106-47-8	GC	08/29/96

Lab Sample ID AB37787
 Project # 8101
 Project Name FT. STEWART/COE SAMPLES
 Sampling Date/Time 08/21/96 11:30

Client Site # 8101
 Client Sample # TK87-S3

IOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEMI (GC/MS) SOIL						Prep Date 08/30/96	Batch 0830960002		
8270B	HEXACHLOROBUTADIENE	\$06018	Below MDL	495	ug/Kg	1.5	87-68-3	GC	08/29/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06018	Below MDL	990	ug/Kg	1.5	59-50-7	GC	08/29/96
8270B	2-METHYLNAPHTHALENE	\$06018	Below MDL	495	ug/Kg	1.5	91-57-6	GC	08/29/96
8270B	HEXACHLOROCYCLOPENTADIENE	\$06018	Below MDL	495	ug/Kg	1.5	77-47-4	GC	08/29/96
8270B	2,4,6-TRICHLOROPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	88-06-2	GC	08/29/96
8270B	2,4,5-TRICHLOROPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	95-95-4	GC	08/29/96
8270B	2-CHLORONAPHTHALENE	\$06018	Below MDL	495	ug/Kg	1.5	91-58-7	GC	08/29/96
8270B	2-NITROANILINE	\$06018	Below MDL	495	ug/Kg	1.5	88-74-4	GC	08/29/96
8270B	DIMETHYL PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	131-11-3	GC	08/29/96
8270B	ACENAPHTHYLENE	\$06018	Below MDL	495	ug/Kg	1.5	208-96-8	GC	08/29/96
8270B	2,6-DINITROTOLUENE	\$06018	Below MDL	495	ug/Kg	1.5	606-20-2	GC	08/29/96
8270B	3-NITROANILINE	\$06018	Below MDL	495	ug/Kg	1.5	99-09-2	GC	08/29/96
8270B	ACENAPHTHENE	\$06018	Below MDL	495	ug/Kg	1.5	83-32-9	GC	08/29/96
8270B	2,4-DINITROPHENOL	\$06018	Below MDL	2475	ug/Kg	1.5	51-28-5	GC	08/29/96
8270B	4-NITROPHENOL	\$06018	Below MDL	2475	ug/Kg	1.5	100-02-7	GC	08/29/96
8270B	DIBENZOFURAN	\$06018	Below MDL	495	ug/Kg	1.5	132-84-9	GC	08/29/96
8270B	2,4-DINITROTOLUENE	\$06018	Below MDL	495	ug/Kg	1.5	121-14-2	GC	08/29/96
8270B	DIETHYL PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	84-66-2	GC	08/29/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06018	Below MDL	495	ug/Kg	1.5	7005-72-3	GC	08/29/96
8270B	FLUORENE	\$06018	Below MDL	495	ug/Kg	1.5	86-73-7	GC	08/29/96
8270B	4-NITROANILINE	\$06018	Below MDL	495	ug/Kg	1.5	100-01-6	GC	08/29/96
8270B	4,6-DINITRO-2-METHYLPHENOL	\$06018	Below MDL	2475	ug/Kg	1.5	534-52-1	GC	08/29/96
8270B	N-NITROSODIPHENYLAMINE	\$06018	Below MDL	495	ug/Kg	1.5	86-30-6	GC	08/29/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$06018	Below MDL	495	ug/Kg	1.5	101-55-3	GC	08/29/96
8270B	HEXACHLOROBENZENE	\$06018	Below MDL	495	ug/Kg	1.5	118-74-1	GC	08/29/96
8270B	PENTACHLOROPHENOL	\$06018	Below MDL	2475	ug/Kg	1.5	87-86-5	GC	08/29/96
8270B	PHENANTHRENE	\$06018	1100	495	ug/Kg	1.5	85-01-8	GC	08/29/96
8270B	ANTHRACENE	\$06018	Below MDL	495	ug/Kg	1.5	120-12-7	GC	08/29/96
8270B	DI-N-BUTYL PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	84-74-2	GC	08/29/96
8270B	FLUORANTHENE	\$06018	Below MDL	495	ug/Kg	1.5	206-44-0	GC	08/29/96
8270B	BENZIDINE	\$06018	Below MDL	3960	ug/Kg	1.5	92-87-5	GC	08/29/96
8270B	PYRENE	\$06018	Below MDL	495	ug/Kg	1.5	129-00-0	GC	08/29/96
8270B	BUTYL BENZYL PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	85-68-7	GC	08/29/96
8270B	3,3'-DICHLOROBENZIDINE	\$06018	Below MDL	990	ug/Kg	1.5	91-94-1	GC	08/29/96
8270B	BENZ(A)ANTHRACENE	\$06018	Below MDL	495	ug/Kg	1.5	56-55-3	GC	08/29/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	117-81-7	GC	08/29/96
8270B	CHRYSENE	\$06018	Below MDL	495	ug/Kg	1.5	218-01-9	GC	08/29/96
8270B	DI-N-OCTYL PHTHALATE	\$06018	Below MDL	495	ug/Kg	1.5	117-84-0	GC	08/29/96
8270B	BENZO(B)FLUORANTHENE	\$06018	Below MDL	495	ug/Kg	1.5	205-99-2	GC	08/29/96
8270B	BENZO(K)FLUORANTHENE	\$06018	Below MDL	495	ug/Kg	1.5	207-08-9	GC	08/29/96
8270B	BENZO(A)PYRENE	\$06018	Below MDL	495	ug/Kg	1.5	50-32-8	GC	08/29/96
8270B	INDENO(1,2,3-CD)PYRENE	\$06018	Below MDL	495	ug/Kg	1.5	193-39-5	GC	08/29/96
8270B	DIBENZ(A,H)ANTHRACENE	\$06018	Below MDL	495	ug/Kg	1.5	53-70-3	GC	08/29/96
8270B	BENZO(G,H,I)PERYLENE	\$06018	Below MDL	495	ug/Kg	1.5	191-24-2	GC	08/29/96
BTX (GC) SOIL						Prep Date 09/03/96	Batch 082196BS		

Lab Sample ID AB37787
Project # 8101
Project Name FT. STEWART/COE SAMPLES
Sampling Date/Time 08/21/96 11:30

Client Site # 8101
Client Sample # TK87-S3

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BTL (GC) SOIL				Prep Date 09/03/96		Batch 082196BS			
8020A	BENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	71-43-2	DTA	09/03/96
8020A	TOLUENE	\$08006	Below MDL	1.0	ug/Kg	1.0	108-88-3	DTA	09/03/96
8020A	ETHYLBENZENE	\$08006	10	1.0	ug/Kg	1.0	100-41-4	DTA	09/03/96
8020A	XYLENES (TOTAL)	\$08006	Below MDL	1.0	ug/Kg	1.0	1330-20-7	DTA	09/03/96
8020A	CHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	108-90-7	DTA	09/03/96
8020A	1,2-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	95-50-1	DTA	09/03/96
8020A	1,3-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	541-73-1	DTA	09/03/96
8020A	1,4-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	106-46-7	DTA	09/03/96
8020A	TERT-METHYLBUTYL ETHER	\$08006	Below MDL	1.0	ug/Kg	1.0	1634-04-4	DTA	09/03/96
TPH DRO (FID) SOIL				Batch 0827960001					
8015A	DIESEL RANGE ORGANICS (DRO)	\$08009	50	10.0	mg/Kg	1.0		DA	08/27/96
				Batch 082796					
160.3	% TOTAL SOLIDS SOIL (N/C)	09099	87.0	0.1	%	1.0		MN	08/27/96

Lab Sample ID AB37788
Project # 8101
Project Name FT. STEWART/COE SAMPLES
Sampling Date/Time 08/21/96 14:30

Client Site # 8101
Client Sample # TK88-S1

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEMI (GC/MS) SOIL				Prep Date 08/30/96		Batch 0830960002			
8270B	N-NITROSODIMETHYLAMINE	\$06018	Below MDL	1980	ug/Kg	6.0	62-75-9	GC	08/28/96
8270B	ANILINE	\$06018	Below MDL	1980	ug/Kg	6.0	62-53-3	GC	08/28/96
8270B	PHENOL	\$06018	Below MDL	1980	ug/Kg	6.0	108-95-2	GC	08/28/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06018	Below MDL	1980	ug/Kg	6.0	111-44-4	GC	08/28/96
8270B	2-CHLOROPHENOL	\$06018	Below MDL	1980	ug/Kg	6.0	95-57-8	GC	08/28/96
8270B	1,3-DICHLOROBENZENE	\$06018	Below MDL	1980	ug/Kg	6.0	541-73-1	GC	08/28/96
8270B	1,4-DICHLOROBENZENE	\$06018	Below MDL	1980	ug/Kg	6.0	106-46-7	GC	08/28/96
8270B	BENZYL ALCOHOL	\$06018	Below MDL	1980	ug/Kg	6.0	100-51-6	GC	08/28/96
8270B	1,2-DICHLOROBENZENE	\$06018	Below MDL	1980	ug/Kg	6.0	95-50-1	GC	08/28/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06018	Below MDL	1980	ug/Kg	6.0	108-60-1	GC	08/28/96
8270B	2-METHYLPHENOL	\$06018	Below MDL	1980	ug/Kg	6.0	95-48-7	GC	08/28/96
8270B	4-METHYLPHENOL	\$06018	Below MDL	1980	ug/Kg	6.0	106-44-5	GC	08/28/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06018	Below MDL	1980	ug/Kg	6.0	621-64-7	GC	08/28/96
8270B	HEXACHLOROETHANE	\$06018	Below MDL	1980	ug/Kg	6.0	67-72-1	GC	08/28/96
8270B	NITROBENZENE	\$06018	Below MDL	1980	ug/Kg	6.0	98-95-3	GC	08/28/96
8270B	ISOPHORONE	\$06018	Below MDL	1980	ug/Kg	6.0	78-59-1	GC	08/28/96
8270B	2-NITROPHENOL	\$06018	Below MDL	3960	ug/Kg	6.0	88-75-5	GC	08/28/96
8270B	2,4-DIMETHYLPHENOL	\$06018	Below MDL	1980	ug/Kg	6.0	105-67-9	GC	08/28/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06018	Below MDL	1980	ug/Kg	6.0	111-91-1	GC	08/28/96
8270B	2,4-DICHLOROPHENOL	\$06018	Below MDL	1980	ug/Kg	6.0	120-83-2	GC	08/28/96
8270B	1,2,4-TRICHLOROBENZENE	\$06018	Below MDL	1980	ug/Kg	6.0	120-82-1	GC	08/28/96

Lab Sample ID AB37788
 Project # 8101
 Project Name FT. STEWART/COE SAMPLES

Client Site # 8101
 Client Sample # TK88-S1

Sampling Date/Time 08/21/96 14:30

Sampling Date/Time 08/21/96 14:30				Dilution		DATE OF	
METHOD	ANALYTE	TEST CODE	RESULT	MDL	Factor	CAS #	ANALYST ANALYSIS
SEMI (GC/MS) SOIL				Prep Date 08/30/96		Batch 0830960002	
8270B	BENZOIC ACID	\$06018	Below MDL	9900 ug/Kg	6.0	65-85-0	GC 08/28/96
8270B	NAPHTHALENE	\$06018	Below MDL	1980 ug/Kg	6.0	91-20-3	GC 08/28/96
8270B	4-CHLOROANILINE	\$06018	Below MDL	1980 ug/Kg	6.0	106-47-8	GC 08/28/96
8270B	HEXACHLOROBUTADIENE	\$06018	Below MDL	1980 ug/Kg	6.0	87-68-3	GC 08/28/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06018	Below MDL	3960 ug/Kg	6.0	59-50-7	GC 08/28/96
8270B	2-METHYLNAPHTHALENE	\$06018	4100	1980 ug/Kg	6.0	91-57-6	GC 08/28/96
8270B	HEXACHLOROCYCLOPENTADIENE	\$06018	Below MDL	1980 ug/Kg	6.0	77-47-4	GC 08/28/96
8270B	2,4,6-TRICHLOROPHENOL	\$06018	Below MDL	1980 ug/Kg	6.0	88-06-2	GC 08/28/96
8270B	2,4,5-TRICHLOROPHENOL	\$06018	Below MDL	1980 ug/Kg	6.0	95-95-4	GC 08/28/96
8270B	2-CHLORONAPHTHALENE	\$06018	Below MDL	1980 ug/Kg	6.0	91-58-7	GC 08/28/96
8270B	2-NITROANILINE	\$06018	Below MDL	1980 ug/Kg	6.0	88-74-4	GC 08/28/96
8270B	DIMETHYL PHTHALATE	\$06018	Below MDL	1980 ug/Kg	6.0	131-11-3	GC 08/28/96
8270B	ACENAPHTHYLENE	\$06018	Below MDL	1980 ug/Kg	6.0	208-96-8	GC 08/28/96
8270B	2,6-DINITROTOLUENE	\$06018	Below MDL	1980 ug/Kg	6.0	606-20-2	GC 08/28/96
8270B	3-NITROANILINE	\$06018	Below MDL	1980 ug/Kg	6.0	99-09-2	GC 08/28/96
8270B	ACENAPHTHENE	\$06018	Below MDL	1980 ug/Kg	6.0	83-32-9	GC 08/28/96
8270B	2,4-DINITROPHENOL	\$06018	Below MDL	9900 ug/Kg	6.0	51-28-5	GC 08/28/96
8270B	4-NITROPHENOL	\$06018	Below MDL	9900 ug/Kg	6.0	100-02-7	GC 08/28/96
8270B	DIBENZOFURAN	\$06018	Below MDL	1980 ug/Kg	6.0	132-64-9	GC 08/28/96
8270B	2,4-DINITROTOLUENE	\$06018	Below MDL	1980 ug/Kg	6.0	121-14-2	GC 08/28/96
8270B	DIETHYL PHTHALATE	\$06018	Below MDL	1980 ug/Kg	6.0	84-66-2	GC 08/28/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06018	Below MDL	1980 ug/Kg	6.0	7005-72-3	GC 08/28/96
8270B	FLUORENE	\$06018	Below MDL	1980 ug/Kg	6.0	86-73-7	GC 08/28/96
8270B	4-NITROANILINE	\$06018	Below MDL	1980 ug/Kg	6.0	100-01-6	GC 08/28/96
8270B	4,6-DINITRO-2-METHYLPHENOL	\$06018	Below MDL	9900 ug/Kg	6.0	534-52-1	GC 08/28/96
8270B	N-NITROSODIPHENYLAMINE	\$06018	Below MDL	1980 ug/Kg	6.0	86-30-6	GC 08/28/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$06018	Below MDL	1980 ug/Kg	6.0	101-55-3	GC 08/28/96
8270B	HEXACHLOROBENZENE	\$06018	Below MDL	1980 ug/Kg	6.0	118-74-1	GC 08/28/96
8270B	PENTACHLOROPHENOL	\$06018	Below MDL	9900 ug/Kg	6.0	87-86-5	GC 08/28/96
8270B	PHENANTHRENE	\$06018	2500	1980 ug/Kg	6.0	85-01-8	GC 08/28/96
8270B	ANTHRACENE	\$06018	Below MDL	1980 ug/Kg	6.0	120-12-7	GC 08/28/96
8270B	DI-N-BUTYL PHTHALATE	\$06018	Below MDL	1980 ug/Kg	6.0	84-74-2	GC 08/28/96
8270B	FLUORANTHENE	\$06018	Below MDL	1980 ug/Kg	6.0	206-44-0	GC 08/28/96
8270B	BENZIDINE	\$06018	Below MDL	15840 ug/Kg	6.0	92-87-5	GC 08/28/96
8270B	PYRENE	\$06018	Below MDL	1980 ug/Kg	6.0	129-00-0	GC 08/28/96
8270B	BUTYL BENZYL PHTHALATE	\$06018	Below MDL	1980 ug/Kg	6.0	85-68-7	GC 08/28/96
8270B	3,3'-DICHLOROBENZIDINE	\$06018	Below MDL	3960 ug/Kg	6.0	91-94-1	GC 08/28/96
8270B	BENZ(A)ANTHRACENE	\$06018	Below MDL	1980 ug/Kg	6.0	56-55-3	GC 08/28/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06018	Below MDL	1980 ug/Kg	6.0	117-81-7	GC 08/28/96
8270B	CHRYSENE	\$06018	Below MDL	1980 ug/Kg	6.0	218-01-9	GC 08/28/96
8270B	DI-N-OCTYL PHTHALATE	\$06018	Below MDL	1980 ug/Kg	6.0	117-84-0	GC 08/28/96
8270B	BENZO(B)FLUORANTHENE	\$06018	Below MDL	1980 ug/Kg	6.0	205-99-2	GC 08/28/96
8270B	BENZO(K)FLUORANTHENE	\$06018	Below MDL	1980 ug/Kg	6.0	207-08-9	GC 08/28/96
8270B	BENZO(A)PYRENE	\$06018	Below MDL	1980 ug/Kg	6.0	50-32-8	GC 08/28/96
8270B	INDENO(1,2,3-CD)PYRENE	\$06018	Below MDL	1980 ug/Kg	6.0	193-39-5	GC 08/28/96
8270B	DIBENZ(A,H)ANTHRACENE	\$06018	Below MDL	1980 ug/Kg	6.0	53-70-3	GC 08/28/96
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Sampling Date/Time 08/21/96 14:30

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEMI (GC/MS) SOIL				Prep Date 08/30/96			Batch 0830960002		
70B	BENZO(G,H,I)PERYLENE	\$06018	Below MDL	1980	ug/Kg	6.0	191-24-2	GC	08/28/96
BTEX (GC) SOIL				Prep Date 09/03/96			Batch 082196BS		
8020A	BENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	71-43-2	DTA	09/03/96
8020A	TOLUENE	\$08006	Below MDL	1.0	ug/Kg	1.0	108-88-3	DTA	09/03/96
8020A	ETHYLBENZENE	\$08006	22	1.0	ug/Kg	1.0	100-41-4	DTA	09/03/96
8020A	XYLENES (TOTAL)	\$08006	20	1.0	ug/Kg	1.0	1330-20-7	DTA	09/03/96
8020A	CHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	108-90-7	DTA	09/03/96
8020A	1,2-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	95-50-1	DTA	09/03/96
8020A	1,3-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	541-73-1	DTA	09/03/96
8020A	1,4-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	106-46-7	DTA	09/03/96
8020A	TERT-METHYLBUTYL ETHER	\$08006	Below MDL	1.0	ug/Kg	1.0	1634-04-4	DTA	09/03/96
TPH DRO (FID) SOIL				Batch 0827960001					
8015A	DIESEL RANGE ORGANICS (DRO)	\$08009	70	10.0	mg/Kg	1.0		DA	08/27/96
				Batch 082796					
160.3	% TOTAL SOLIDS SOIL (N/C)	09099	86.0	0.1	%	1.0		MN	08/27/96

Lab Sample ID AB37789

Client Site # 8101

Project # 8101

Client Sample # TK88-S2

Project Name FT. STEWART/COE SAMPLES

Sampling Date/Time 08/21/96 14:45

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEMI (GC/MS) SOIL				Prep Date 08/30/96			Batch 0830960002		
8270B	N-NITROSODIMETHYLAMINE	\$06018	Below MDL	1980	ug/Kg	6.0	62-75-9	GC	08/29/96
8270B	ANILINE	\$06018	Below MDL	1980	ug/Kg	6.0	62-53-3	GC	08/29/96
8270B	PHENOL	\$06018	Below MDL	1980	ug/Kg	6.0	108-95-2	GC	08/29/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06018	Below MDL	1980	ug/Kg	6.0	111-44-4	GC	08/29/96
8270B	2-CHLOROPHENOL	\$06018	Below MDL	1980	ug/Kg	6.0	95-57-8	GC	08/29/96
8270B	1,3-DICHLOROBENZENE	\$06018	Below MDL	1980	ug/Kg	6.0	541-73-1	GC	08/29/96
8270B	1,4-DICHLOROBENZENE	\$06018	Below MDL	1980	ug/Kg	6.0	106-46-7	GC	08/29/96
8270B	BENZYL ALCOHOL	\$06018	Below MDL	1980	ug/Kg	6.0	100-51-6	GC	08/29/96
8270B	1,2-DICHLOROBENZENE	\$06018	Below MDL	1980	ug/Kg	6.0	95-50-1	GC	08/29/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06018	Below MDL	1980	ug/Kg	6.0	108-60-1	GC	08/29/96
8270B	2-METHYLPHENOL	\$06018	Below MDL	1980	ug/Kg	6.0	95-48-7	GC	08/29/96
8270B	4-METHYLPHENOL	\$06018	Below MDL	1980	ug/Kg	6.0	106-44-5	GC	08/29/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06018	Below MDL	1980	ug/Kg	6.0	621-64-7	GC	08/29/96
8270B	HEXACHLOROETHANE	\$06018	Below MDL	1980	ug/Kg	6.0	67-72-1	GC	08/29/96
8270B	NITROBENZENE	\$06018	Below MDL	1980	ug/Kg	6.0	98-95-3	GC	08/29/96
8270B	ISOPHORONE	\$06018	Below MDL	1980	ug/Kg	6.0	78-59-1	GC	08/29/96
8270B	2-NITROPHENOL	\$06018	Below MDL	3960	ug/Kg	6.0	88-75-5	GC	08/29/96
8270B	2,4-DIMETHYLPHENOL	\$06018	Below MDL	1980	ug/Kg	6.0	105-67-9	GC	08/29/96

Sample ID AB37789
 Project # 8101
 Project Name FT. STEWART/COE SAMPLES
 Sampling Date/Time 08/21/96 14:45

Client Site # 8101
 Client Sample # TK88-S2

				Dilution		DATE OF	
METHOD	ANALYTE	TEST CODE	RESULT	MDL	Factor	CAS #	ANALYST ANALYSIS
SEMI (GC/MS) SOIL				Prep Date 08/30/96		Batch 0830960002	
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06018	Below MDL	1980 ug/Kg	6.0	111-91-1	GC 08/29/96
8270B	2,4-DICHLOROPHENOL	\$06018	Below MDL	1980 ug/Kg	6.0	120-83-2	GC 08/29/96
8270B	1,2,4-TRICHLOROBENZENE	\$06018	Below MDL	1980 ug/Kg	6.0	120-82-1	GC 08/29/96
8270B	BENZOIC ACID	\$06018	Below MDL	9900 ug/Kg	6.0	65-85-0	GC 08/29/96
8270B	NAPHTHALENE	\$06018	Below MDL	1980 ug/Kg	6.0	91-20-3	GC 08/29/96
8270B	4-CHLOROANILINE	\$06018	Below MDL	1980 ug/Kg	6.0	106-47-8	GC 08/29/96
8270B	HEXACHLOROBUTADIENE	\$06018	Below MDL	1980 ug/Kg	6.0	87-68-3	GC 08/29/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06018	Below MDL	3960 ug/Kg	6.0	59-50-7	GC 08/29/96
8270B	2-METHYLNAPHTHALENE	\$06018	3090	1980 ug/Kg	6.0	91-57-6	GC 08/29/96
8270B	HEXACHLOROCYCLOPENTADIENE	\$06018	Below MDL	1980 ug/Kg	6.0	77-47-4	GC 08/29/96
8270B	2,4,6-TRICHLOROPHENOL	\$06018	Below MDL	1980 ug/Kg	6.0	88-06-2	GC 08/29/96
8270B	2,4,5-TRICHLOROPHENOL	\$06018	Below MDL	1980 ug/Kg	6.0	95-95-4	GC 08/29/96
8270B	2-CHLORONAPHTHALENE	\$06018	Below MDL	1980 ug/Kg	6.0	91-58-7	GC 08/29/96
8270B	2-NITROANILINE	\$06018	Below MDL	1980 ug/Kg	6.0	88-74-4	GC 08/29/96
8270B	DIMETHYL PHTHALATE	\$06018	Below MDL	1980 ug/Kg	6.0	131-11-3	GC 08/29/96
8270B	ACENAPHTHYLENE	\$06018	Below MDL	1980 ug/Kg	6.0	208-96-8	GC 08/29/96
8270B	2,6-DINITROTOLUENE	\$06018	Below MDL	1980 ug/Kg	6.0	606-20-2	GC 08/29/96
8270B	3-NITROANILINE	\$06018	Below MDL	1980 ug/Kg	6.0	99-09-2	GC 08/29/96
8270B	ACENAPHTHENE	\$06018	Below MDL	1980 ug/Kg	6.0	83-32-9	GC 08/29/96
8270B	2,4-DINITROPHENOL	\$06018	Below MDL	9900 ug/Kg	6.0	51-28-5	GC 08/29/96
8270B	4-NITROPHENOL	\$06018	Below MDL	9900 ug/Kg	6.0	100-02-7	GC 08/29/96
8270B	DIBENZOFURAN	\$06018	Below MDL	1980 ug/Kg	6.0	132-64-9	GC 08/29/96
8270B	2,4-DINITROTOLUENE	\$06018	Below MDL	1980 ug/Kg	6.0	121-14-2	GC 08/29/96
8270B	DIETHYL PHTHALATE	\$06018	Below MDL	1980 ug/Kg	6.0	84-66-2	GC 08/29/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06018	Below MDL	1980 ug/Kg	6.0	7005-72-3	GC 08/29/96
8270B	FLUORENE	\$06018	Below MDL	1980 ug/Kg	6.0	86-73-7	GC 08/29/96
8270B	4-NITROANILINE	\$06018	Below MDL	1980 ug/Kg	6.0	100-01-6	GC 08/29/96
8270B	4,6-DINITRO-2-METHYLPHENOL	\$06018	Below MDL	9900 ug/Kg	6.0	534-52-1	GC 08/29/96
8270B	N-NITROSODIPHENYLAMINE	\$06018	Below MDL	1980 ug/Kg	6.0	86-30-6	GC 08/29/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$06018	Below MDL	1980 ug/Kg	6.0	101-55-3	GC 08/29/96
8270B	HEXACHLOROBENZENE	\$06018	Below MDL	1980 ug/Kg	6.0	118-74-1	GC 08/29/96
8270B	PENTACHLOROPHENOL	\$06018	Below MDL	9900 ug/Kg	6.0	87-86-5	GC 08/29/96
8270B	PHENANTHRENE	\$06018	5900	1980 ug/Kg	6.0	85-01-8	GC 08/29/96
8270B	ANTHRACENE	\$06018	Below MDL	1980 ug/Kg	6.0	120-12-7	GC 08/29/96
8270B	DI-N-BUTYL PHTHALATE	\$06018	Below MDL	1980 ug/Kg	6.0	84-74-2	GC 08/29/96
8270B	FLUORANTHENE	\$06018	2400	1980 ug/Kg	6.0	206-44-0	GC 08/29/96
8270B	BENZIDINE	\$06018	Below MDL	15840 ug/Kg	6.0	92-87-5	GC 08/29/96
8270B	PYRENE	\$06018	2080	1980 ug/Kg	6.0	129-00-0	GC 08/29/96
8270B	BUTYL BENZYL PHTHALATE	\$06018	Below MDL	1980 ug/Kg	6.0	85-68-7	GC 08/29/96
8270B	3,3'-DICHLOROBENZIDINE	\$06018	Below MDL	3960 ug/Kg	6.0	91-94-1	GC 08/29/96
8270B	BENZ(A)ANTHRACENE	\$06018	Below MDL	1980 ug/Kg	6.0	56-55-3	GC 08/29/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06018	Below MDL	1980 ug/Kg	6.0	117-81-7	GC 08/29/96
8270B	CHRYSENE	\$06018	Below MDL	1980 ug/Kg	6.0	218-01-9	GC 08/29/96
8270B	DI-N-OCTYL PHTHALATE	\$06018	Below MDL	1980 ug/Kg	6.0	117-84-0	GC 08/29/96
8270B	2,2,3,3-TETRACHLOROBIPHENYL	\$06018	Below MDL	1980 ug/Kg	6.0	205-99-2	GC 08/29/96

Lab Sample ID AB37789 Client Site # 8101
 Project # 8101 Client Sample # TK88-S2
 Project Name FT. STEWART/COE SAMPLES
 Sampling Date/Time 08/21/96 14:45

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEMI (GC/MS) SOIL				Prep Date 08/30/96		Batch 0830960002			
8270B	BENZO(A)PYRENE	\$06018	Below MDL	1980	ug/Kg	6.0	50-32-8	GC	08/29/96
8270B	INDENO(1,2,3-CD)PYRENE	\$06018	Below MDL	1980	ug/Kg	6.0	193-39-5	GC	08/29/96
8270B	DIBENZ(A,H)ANTHRACENE	\$06018	Below MDL	1980	ug/Kg	6.0	53-70-3	GC	08/29/96
8270B	BENZO(G,H,I)PERYLENE	\$06018	Below MDL	1980	ug/Kg	6.0	191-24-2	GC	08/29/96
BTEX (GC) SOIL				Prep Date 09/03/96		Batch 082196BS			
8020A	BENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	71-43-2	DTA	09/04/96
8020A	TOLUENE	\$08006	Below MDL	1.0	ug/Kg	1.0	108-88-3	DTA	09/04/96
8020A	ETHYLBENZENE	\$08006	100	1.0	ug/Kg	1.0	100-41-4	DTA	09/04/96
8020A	XYLENES (TOTAL)	\$08006	20	1.0	ug/Kg	1.0	1330-20-7	DTA	09/04/96
8020A	CHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	108-90-7	DTA	09/04/96
8020A	1,2-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	95-50-1	DTA	09/04/96
8020A	1,3-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	541-73-1	DTA	09/04/96
8020A	1,4-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	106-46-7	DTA	09/04/96
8020A	TERT-METHYLBUTYL ETHER	\$08006	Below MDL	1.0	ug/Kg	1.0	1634-04-4	DTA	09/04/96
TPH DRO (FID) SOIL				Batch 0827960001					
8015A	DIESEL RANGE ORGANICS (DRO)	\$08009	620	10.0	mg/Kg	1.0		DA	08/27/96
Batch 082796									
160.3	% TOTAL SOLIDS SOIL (N/C)	09099	83.0	0.1	%	1.0		MN	08/27/96

Lab Sample ID AB37790 Client Site #
 Project # 8101 Client Sample # TRIP BLANK
 Project Name FT. STEWART/COE SAMPLES
 Sampling Date/Time 08/21/96 :

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BTEX (GC) WATER				Prep Date 08/30/96		Batch 083096BW			
8020A	BENZENE	\$08106	Below MDL	1.0	ug/L	1.0	71-43-2	DA	08/30/96
8020A	TOLUENE	\$08106	Below MDL	1.0	ug/L	1.0	108-88-8	DA	08/30/96
8020A	ETHYLBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	100-41-4	DA	08/30/96
8020A	XYLENES (TOTAL)	\$08106	Below MDL	1.0	ug/L	1.0	1330-20-7	DA	08/30/96
8020A	CHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	108-90-7	DA	08/30/96
8020A	1,2-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	95-50-1	DA	08/30/96
8020A	1,3-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	541-73-1	DA	08/30/96
8020A	1,4-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	106-46-7	DA	08/30/96
8020A	TERT-METHYLBUTYL ETHER	\$08106	Below MDL	1.0	ug/L	1.0	1634-04-4	DA	08/30/96

Robert J. ...

Certifying Scientist

Organics and Inorganics in Wastewater, Solids, and Wastes

NC-DEHNR 441, SC-DHEC 98013, GA, TN-DOH 02826, UT-DOH E-228, FL-DEP 940134 HRS E87511 (Water) HRS 87485 (Drinking Water), NY-DEH ELAP 11551,

WI-DNR 998014380

Radioactive Materials License

ISO 9000

EPA ID

EPA Reg Waste

GA APHIS

Fed Lab ID

US Army Corps of

GA-DNR 1283-1

A2LA 0594-01

GA-00058

GA-0001011006

S-3966

58-188334

Engineers Validation

Report shall not be reproduced, except in full, without the written approval of EcoSys Laboratory Services.

Bld # 13023

ECOSYS CHAIN OF CUSTODY

For Laboratory Services
A. J. Jones & Sons, Inc.
1412 Oakbrook Drive Suite 107
Norcross, Georgia 30071
Phone 770-445-0110
Fax 770-445-0110

Client Name and Address:
Anderson Columbia Env, Inc
PO Box 1386
Lake City, FL 32056
Steve Clark Client ID 20102122

Property Name
Ft. Stearns-1/COE Samples

Signature: *Steve Clark*
Date: *8/24/96*

Property #
8101
8130

Location: *8101*
Site: *8101*
Food: *8101*
Water: *8101*
Air: *8101*
Soil: *8101*
Sediment: *8101*
Other: *8101*

Lab Order: For Lab use only

Sample #	Date	Time	Sample #	Date	Time	Sample #	Date	Time
Sample 1 AB37784	8/24/96	1130	Sample 2 AB37785	8/24/96	1100	Sample 3 AB37786	8/24/96	1115
Sample 4 AB37787	8/24/96	1130	Sample 5 AB37788	8/24/96	1130	Sample 6 AB37789	8/24/96	1145
Sample 7 AB37790	8/24/96							

Signature: *Steve Clark*
Date: *8/24/96*

Signature: *Steve Clark*
Date: *8/24/96*

Signature: *Steve Clark*
Date: *8/24/96*

Signature: *Steve Clark*
Date: *8/24/96*

Signature: *Steve Clark*
Date: *8/24/96*

Signature: *Steve Clark*
Date: *8/24/96*

Signature: *Steve Clark*
Date: *8/24/96*

Signature: *Steve Clark*
Date: *8/24/96*

For use by the client to track the chain of custody of the samples.
Copy to:
☐ Replicate current Sample Materials
☐ Lab Report
☐ Other

Date/Time	Signature	Date/Time	Signature	Date/Time	Signature
8/23/96	<i>Steve Clark</i>	8/23/96	<i>Steve Clark</i>	8/23/96	<i>Steve Clark</i>
8/24/96	<i>Steve Clark</i>	8/24/96	<i>Steve Clark</i>	8/24/96	<i>Steve Clark</i>

Signature: *Steve Clark*
Date: *8/24/96*

Signature: *Steve Clark*
Date: *8/24/96*

Signature: *Steve Clark*
Date: *8/24/96*

TAB 9

MANIFESTS

REYNOLDS CONSTRUCTION COMPANY

Highway 84 • P. O. Box 749

Ludowici, Georgia 31316

Office (912) 368-7488 • Plant (912) 876-8085

Date _____ 19____

Load No. 32

Customer Josie R. Moff

Description PCS

Project Number RRR-104

Location H Stewart

County Liberty

35620 lb Net

23760 lb Tare

59380 lb+ Gross

10:26 AM AU 30 96

[Signature]
Signature of Welgher

TONS: 17.81

TOTAL TONS: 563.07

[Signature]
TRUCKER

57
TRUCK NO.

[Signature]
DRIVER

TICKET NO. 60141

NON-HAZARDOUS WASTE MANIFEST

Manifest
Document No.
60-698

1. Page 1
of 1

2. Generator's Name and Mailing Address

Ft. Stewart
Hinesville, GA 31313

3. Generator's Phone (912) 234-6579

4. Transporter 1 Company Name

Hendricks Hauling

5. Transporter 2 Company Name

6. Designated Facility Name and Site Address

Triple R Management, Inc. C/O Reynolds Construction Co.
Rt. 84
Ludowici GA 31316

A. Transporter's Phone

B. Transporter's Phone 912-427-6758

C. Facility's Phone

912-756-3655

7. Waste Shipping Name and Description

8. Containers

9.
Total
Quantity

10.
Unit
Wt/Vol

a. Petroleum Contaminated Soil

No. 1

Type TT

18.00

CY

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

11. Special Handling Instructions and Additional Information

8101

Tank#

12. 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

TOM FRY

Signature

Tom Fry

Month Day Year

10/8/29/96

13. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

GEORGE H SUTTON

Signature

George H Sutton

Month Day Year

10/8/29/96

14. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

15. Discrepancy Indication Space

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

Printed/Typed Name

CHARLES PRUITT

Signature

Charles Pruitt

Month Day Year

8/30/96

ORIGINAL - RETURN TO GENERATOR

REYNOLDS CONSTRUCTION COMPANY

Highway 84 • P. O. Box 749

Ludowici, Georgia 31316

Office (912) 368-7488 • Plant (912) 876-8085

Date _____ 19____

Load No. 33

Customer Triple R. Mgmt

Description PCS

Project Number RRR 104

Location Stewart

County Liberty

28740 1b Net

21220 1b Tare

49960 1b+ Gross

10:36 AM AU 30 96

[Signature]
Signature of Weigher

TONS: 14.37

TOTAL TONS: 577.44

[Signature]
TRUCKER

45
TRUCK NO.

[Signature]
DRIVER

TICKET NO. 60142

45

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

NON-HAZARDOUS WASTE MANIFEST

Manifest
Document No.

1. Page 1
of 1

2. Generator's Name and Mailing Address

Ft. Stewart
Hinesville, GA 31313

3. Generator's Phone 912 234-6579

4. Transporter 1 Company Name

Hendricks Hauling

5. Transporter 2 Company Name

6. Designated Facility Name and Site Address

Triple R Management, Inc. C/O Reynolds Construction Co.
Rt. 84
Ludowici GA 31316

A. Transporter's Phone

B. Transporter's Phone 912-427-6758

C. Facility's Phone

912-756-3655

7. Waste Shipping Name and Description

a. Petroleum Contaminated Soil

8. Containers

No.

Type

9. Total
Quantity

10. Unit
Wt/Vol

1 TT 18.00 CY

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

11. Special Handling Instructions and Additional Information

8101

Tank#

12. 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

Signature

Month Day Year

05 30 96

13. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

05 30 96

14. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

05 30 96

15. Discrepancy Indication Space.

16. 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

08 30 96

ORIGINAL - RETURN TO GENERATOR

REYNOLDS CONSTRUCTION COMPANY

Highway 84 • P. O. Box 749

Ludowici, Georgia 31316

Office (912) 368-7488 • Plant (912) 876-8085

Date _____ 19 _____

Load No. 34

Customer J. R. R. 104

Description PCS

Project Number 11 Stuart

Location _____

County Security

35140 lb Net

21300 lb Tare

56440 lb+ Gross

10:40 AM AU 30 96

Charles
Signature of Weigher

TONS: 1757

TOTAL TONS: 595.00 ⁰¹

Vendrick
TRUCKER

48
TRUCK NO.

Ralph
DRIVER

TICKET NO. **60143**

48

NON-HAZARDOUS WASTE MANIFEST

Manifest
Document No.
001000

1. Page 1
of 1

2. Generator's Name and Mailing Address
Ft. Stewart

Hinesville, GA 31313

3. Generator's Phone (913 234-6579

4. Transporter 1 Company Name
Hendricks Hauling

5. Transporter 2 Company Name

6. Designated Facility Name and Site Address

Triple R Management, Inc. C/O Reynolds Construction Co.
Rt. 84

Ludowici GA 31316

A. Transporter's Phone

B. Transporter's Phone 912-427-6758

C. Facility's Phone

912-756-3655

7. Waste Shipping Name and Description

8. Containers

No.

Type

9.
Total
Quantity

10.
Unit
Wt/Vol

a. Petroleum Contaminated Soil

1

TT

18.00

CV

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

11. Special Handling Instructions and Additional Information

8101

Tank# _____

12. 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

TOM FRY

Signature

Tom Fry

Month Day Year

05/29/96

13. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Ralph E. Shaw

Signature

Ralph E. Shaw

Month Day Year

08/30/96

14. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

15. Discrepancy Indication Space

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

Printed/Typed Name

Charles Pruitt

Signature

Charles Pruitt

Month Day Year

08/30/96

ORIGINAL - RETURN TO GENERATOR

REYNOLDS CONSTRUCTION COMPANY

Highway 84 • P. O. Box 749

Ludowici, Georgia 31316

Office (912) 368-7488 • Plant (912) 876-8085

Date	19	Load No.	35
Customer	<i>Jack R. Mays</i>	Description	<i>PCS</i>
Project Number	<i>RR 104</i>		
Location	<i>H. Stewart</i>	County	<i>Liberty</i>

39580 lb Net

21340 lb Tare

60920 lb+ Gross

10:46 AM AU 30 96

Charles
Signature of Weigher

TONS:

19.79

TOTAL TONS:

614.80

618.79

TRUCKER

DRIVER

Wendell
Don R. Day

TRUCK NO.

63

TICKET NO. 60144

63

NON-HAZARDOUS WASTE MANIFEST

Manifest
Document No.
00-0-99

1. Page 1
of 1

2. Generator's Name and Mailing Address

Ft. Stewart
Hinesville, GA 31313

3. Generator's Phone (912 234-6579

4. Transporter 1 Company Name

Hendricks Hauling

5. Transporter 2 Company Name

6. Designated Facility Name and Site Address

Triple R Management, Inc. C/O Reynolds Construction Co.
Rt. 84
Ludowici GA 31316

A. Transporter's Phone

B. Transporter's Phone 912-427-6758

C. Facility's Phone

912-756-3655

7. Waste Shipping Name and Description

8. Containers

No.

Type

9.
Total
Quantity

10.
Unit
Wt/Vol

a. Petroleum Contaminated Soil

1

TT

18.00

CU

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

11. Special Handling Instructions and Additional Information

8101

Tank#

12. 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

TOM FRY

Signature

Tom Fry

Month Day Year

8-8-96

13. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

David R. Lang

Signature

David R. Lang

Month Day Year

8-30-96

14. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

15. Discrepancy Indication Space

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

Printed/Typed Name

Charles Pratt

Signature

Charles Pratt

Month Day Year

8-30-96

ORIGINAL - RETURN TO GENERATOR

REYNOLDS CONSTRUCTION COMPANY

Highway 84 • P. O. Box 749

Ludowici, Georgia 31316

Office (912) 368-7488 • Plant (912) 876-8085

Date	19	Load No.	36
Customer	<i>Triple R Mgmt</i>	Description	<i>PCS</i>
Project Number	<i>RRR 104</i>		
Location	<i>H Stewart</i>	County	<i>Liberty</i>

37360 1b Net

20420 1b Tare

57780 1b+ Gross

10:48 AM AU 30 96

Charles
Signature of Weigher

TONS:

18.68

TOTAL TONS:

633.48

637.48

Wendell
TRUCKER

TRUCK NO.

42

Flora Williams
DRIVER

TICKET NO.

60145

36

NON-HAZARDOUS WASTE MANIFEST

Manifest
Document No.
60093

1. Page 1
of 1

2. Generator's Name and Mailing Address

Ft. Stewart
Hinesville, GA 31313

3. Generator's Phone (912) 234-6579

4. Transporter 1 Company Name

Hendricks Hauling

5. Transporter 2 Company Name

6. Designated Facility Name and Site Address

Triple R Management, Inc. C/O Reynolds Construction Co.
Rt. 84
Ludowici GA 31316

A. Transporter's Phone

B. Transporter's Phone 912-427-6758

C. Facility's Phone

912-756-3655

7. Waste Shipping Name and Description

8. Containers

No.

Type

9. Total
Quantity

10. Unit
Wt/Vol

a. Petroleum Contaminated Soil

1

TT

18.00

CY

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

11. Special Handling Instructions and Additional Information

8101

Tank# _____

12. 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

TOM FRY

Signature

Tom Fry

Month Day Year

12 27 96

13. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

THOMAS WILLIAMSON

Signature

Thomas Williamson

Month Day Year

8 30 96

14. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

15. Discrepancy Indication Space

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

Printed/Typed Name

Charles Pruitt

Signature

Charles Pruitt

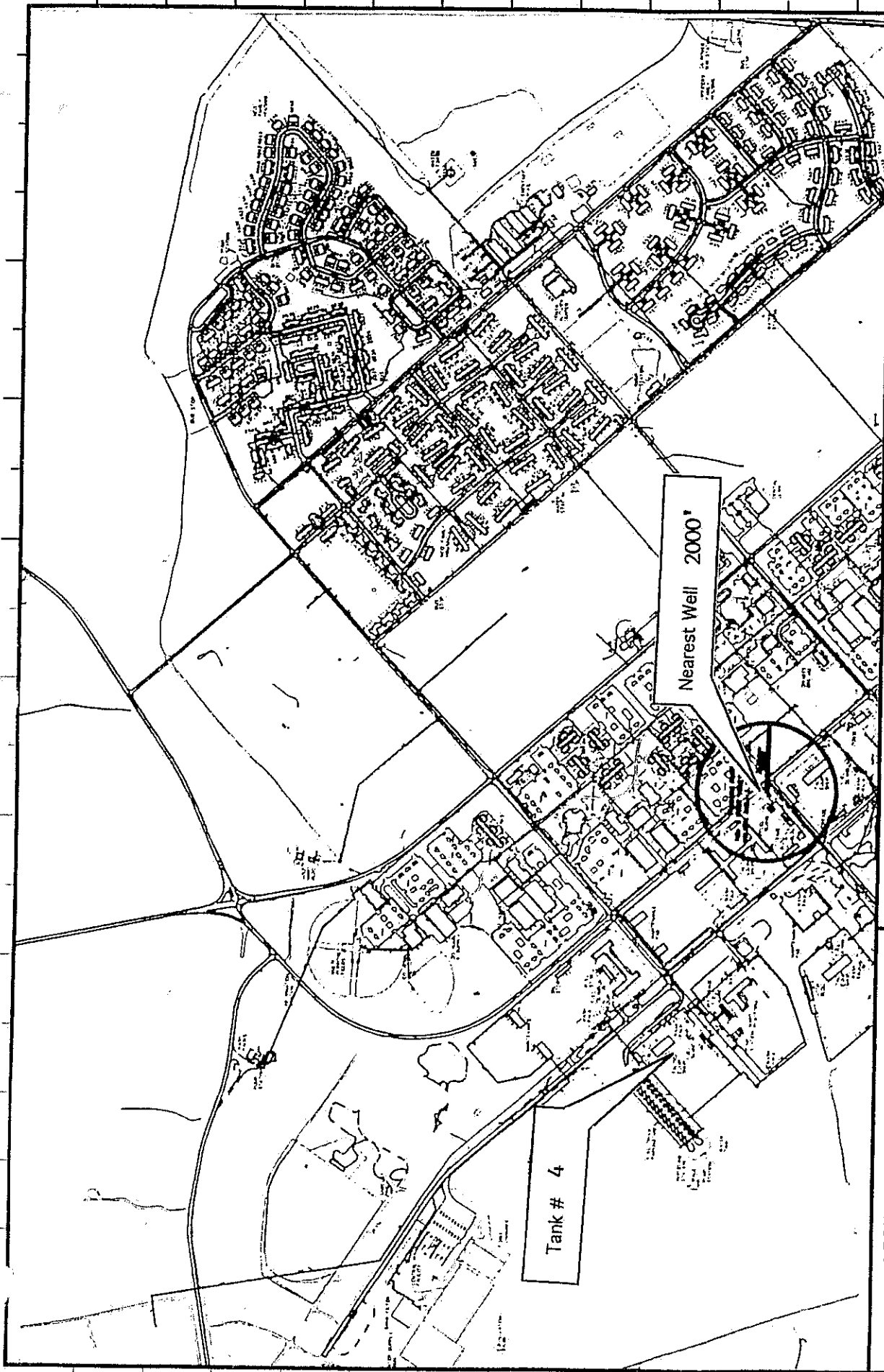
Month Day Year

8 30 96

ORIGINAL - RETURN TO GENERATOR

TAB 10

FORT STEWART AREA MAP



LEGEND/REF. DRWG'S	 Base map of Fort Stewart.	ANDERSON COLUMBIA ENVIRONMENTAL, INC. P.O. BOX 1386 LAKE CITY, FLORIDA 32056 (904) 755-1196		Area Map for Tank # 4 Fort Stewart Hinesville, Georgia	
		DR. <u>AJR</u> CH'D <u>SRC</u> DR. APP. <u>DFB</u> ENGR. <u>ENGR'G DEPT.</u> DATE <u>9 Oct 96</u> SCALE <u>1"=1000'</u>	DRAWING NO.: FIGURE 1		

CLOSURE REPORT ADDENDUM

FACILITY ID. NO. 9-089065
UST #4

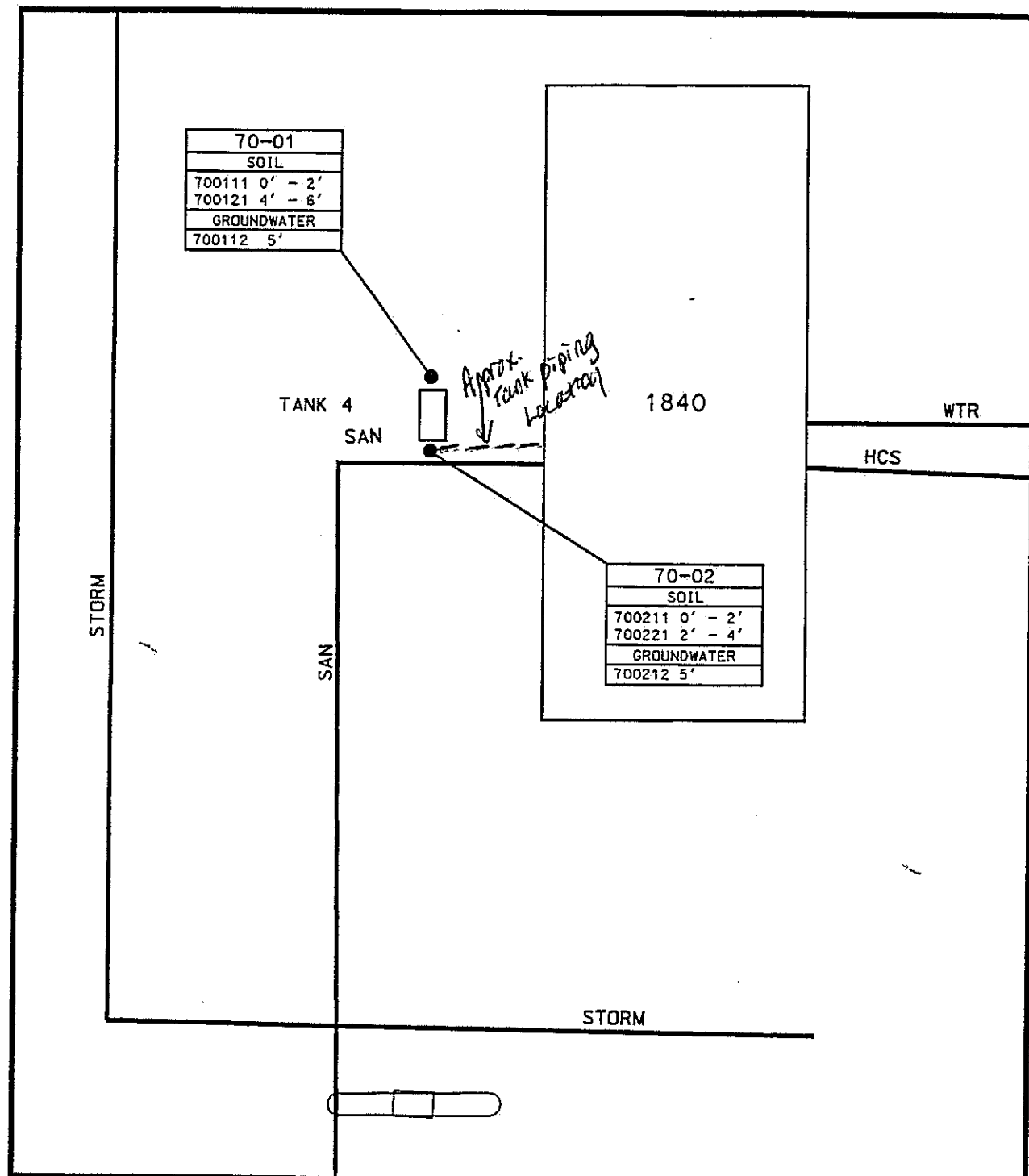
September 15, 1998

NOTE: PLEASE INSERT THIS ADDENDUM INTO THE CLOSURE REPORT
SUBMITTED TO THE USTMP IN DECEMBER 1996

CLOSURE REPORT ADDENDUM
UST #4, FACILITY ID. NO. 9-089065

SITE MAPS
TAB 5

Enclosed is a revised site map which indicates the tank pit, piping trenches, sewer lines, water lines, sample locations, and scale. In addition, the map also provides the locations of the borings installed in May 1998, for resampling of the site.

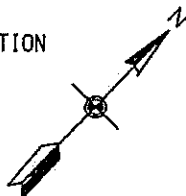


LEGEND

- PRELIMINARY GROUNDWATER SOIL BORING LOCATION

0 20 40

SCALE: 1" = 40'



U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

UST 4, BLDG 1840
FACILITY ID 9-089065
SITE LOCATION PLAN

DRAWN BY:	REV. NO./DATE	CAD FILE
J. LAMB	0/08/24/98	96016/DGNS/C47014.DGN

CLOSURE REPORT ADDENDUM
UST #4, FACILITY ID. NO. 9-089065

CLOSURE OF PIPING
TAB 6

The undersigned certifies that the piping associated with former Tank #4, located at Building 1840, Fort Stewart, Georgia, was purged and cleaned by our contractor, Anderson Columbia Environmental, prior to abandoning the piping in-place. In-place closure consisted of placing an absorbent sock in the pipe and then grouting the ends (i.e., the end at the tank and the end in the motorpool bay).

The undersigned also certifies that the piping at this facility was associated with Tank #4, which was used for storage of waste oil. The piping was not greater than 25 feet, and in accordance with GUST Rules, sampling is not required.

Name: Thomas C. Fry

Title: Chief, Environmental Branch

Signature: Thomas C. Fry Date: 09/14/98

CLOSURE REPORT ADDENDUM
UST #4, FACILITY ID. NO. 9-089065

LABORATORY ANALYTICAL DATA
TAB 7

As requested, the data attached is that for samples collected at UST #4, only. Please replace the laboratory data sheets contained in the Closure Report submitted in December 1996 (Tab 7) with those provided in this correspondence.

The analytical results from the two additional borings installed at this site in May 1998 are also provided for your use and convenience.

1412 Oakbrook Drive
Suite 105
Norcross, Georgia 30093
Phone (770) 368-0636
Fax (770) 368-0806

Anderson Columbia Env, Inc
Steve Clark
PO Box 1386, 2 Guerdon Road
Lake City, FL 32056
P: 1-904-755-1196 F: 1-904-758-9050

Client Code 20102122
Ledger Number 108146
P.O. Number
Date Received 08/23/96
Time Received 17:00
Reporting Date 09/05/96

Ledger Comment SOIL results were reported on a wet weight basis.

Lab Sample ID AB37784 Client Site # 8101
Project # 8101 Client Sample # **K2CW**
Project Name FT. STEWART/COE SAMPLES
Sampling Date/Time 08/20/96 14:30

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEMI (GC/MS) WATER				Prep Date 08/26/96		Batch 0826960001			
8270B	N-NITROSODIMETHYLAMINE	\$06118	Below MDL	100	ug/L	10.0	62-75-9	GC	08/26/96
8270B	ANILINE	\$06118	Below MDL	100	ug/L	10.0	62-53-3	GC	08/26/96
8270B	PHENOL	\$06118	Below MDL	100	ug/L	10.0	108-95-2	GC	08/26/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06118	Below MDL	100	ug/L	10.0	111-44-4	GC	08/26/96
8270B	2-CHLOROPHENOL	\$06118	Below MDL	100	ug/L	10.0	95-57-8	GC	08/26/96
8270B	1,3-DICHLOROBENZENE	\$06118	Below MDL	100	ug/L	10.0	541-73-1	GC	08/26/96
8270B	1,4-DICHLOROBENZENE	\$06118	Below MDL	100	ug/L	10.0	106-46-7	GC	08/26/96
8270B	BENZYL ALCOHOL	\$06118	Below MDL	100	ug/L	10.0	100-51-6	GC	08/26/96
8270B	1,2-DICHLOROBENZENE	\$06118	Below MDL	100	ug/L	10.0	95-50-1	GC	08/26/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06118	Below MDL	100	ug/L	10.0	108-60-1	GC	08/26/96
8270B	2-METHYLPHENOL	\$06118	Below MDL	100	ug/L	10.0	95-48-7	GC	08/26/96
8270B	4-METHYLPHENOL	\$06118	Below MDL	100	ug/L	10.0	106-44-5	GC	08/26/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06118	Below MDL	100	ug/L	10.0	621-64-7	GC	08/26/96
8270B	HEXACHLOROETHANE	\$06118	Below MDL	100	ug/L	10.0	67-72-1	GC	08/26/96
8270B	NITROBENZENE	\$06118	Below MDL	100	ug/L	10.0	98-95-3	GC	08/26/96
8270B	ISOPHORONE	\$06118	Below MDL	100	ug/L	10.0	78-59-1	GC	08/26/96
8270B	2-NITROPHENOL	\$06118	Below MDL	200	ug/L	10.0	88-75-5	GC	08/26/96
8270B	2,4-DIMETHYLPHENOL	\$06118	Below MDL	100	ug/L	10.0	105-67-9	GC	08/26/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06118	Below MDL	100	ug/L	10.0	111-91-1	GC	08/26/96
8270B	2,4-DICHLOROPHENOL	\$06118	Below MDL	100	ug/L	10.0	120-83-2	GC	08/26/96
8270B	1,2,4-TRICHLOROBENZENE	\$06118	Below MDL	100	ug/L	10.0	120-82-1	GC	08/26/96
8270B	BENZOIC ACID	\$06118	Below MDL	500	ug/L	10.0	65-85-0	GC	08/26/96
8270B	NAPHTHALENE	\$06118	Below MDL	100	ug/L	10.0	91-20-3	GC	08/26/96
8270B	4-CHLOROANILINE	\$06118	Below MDL	100	ug/L	10.0	106-47-8	GC	08/26/96
8270B	HEXACHLOROBUTADIENE	\$06118	Below MDL	100	ug/L	10.0	87-68-3	GC	08/26/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06118	Below MDL	100	ug/L	10.0	59-50-7	GC	08/26/96
8270B	2-METHYLNAPHTHALENE	\$06118	Below MDL	100	ug/L	10.0	91-57-6	GC	08/26/96
8270B	HEXACHLOROCYCLOPENTADIENE	\$06118	Below MDL	100	ug/L	10.0	77-47-4	GC	08/26/96
8270B	2,4,6-TRICHLOROPHENOL	\$06118	Below MDL	100	ug/L	10.0	88-06-2	GC	08/26/96

Lab Sample ID AB37784 Client Site # 8101
 Project # 8101 Client Sample # TK4-GW
 Project Name FT. STEWART/COE SAMPLES
 Sampling Date/Time 08/20/96 14:30

MD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEN. (GC/MS) WATER						Prep Date 08/26/96	Batch 0826960001		
8270B	2,4,5-TRICHLOROPHENOL	\$06118	Below MDL	100	ug/L	10.0	95-95-4	GC	08/26/96
8270B	2-CHLORONAPHTHALENE	\$06118	Below MDL	100	ug/L	10.0	91-58-7	GC	08/26/96
8270B	2-NITROANILINE	\$06118	Below MDL	100	ug/L	10.0	88-74-4	GC	08/26/96
8270B	DIMETHYL PHTHALATE	\$06118	Below MDL	100	ug/L	10.0	131-11-3	GC	08/26/96
8270B	ACENAPHTHYLENE	\$06118	Below MDL	100	ug/L	10.0	208-96-8	GC	08/26/96
8270B	2,6-DINITROTOLUENE	\$06118	Below MDL	100	ug/L	10.0	606-20-2	GC	08/26/96
8270B	3-NITROANILINE	\$06118	Below MDL	100	ug/L	10.0	99-09-2	GC	08/26/96
8270B	ACENAPHTHENE	\$06118	Below MDL	100	ug/L	10.0	83-32-9	GC	08/26/96
8270B	2,4-DINITROPHENOL	\$06118	Below MDL	500	ug/L	10.0	51-28-5	GC	08/26/96
8270B	4-NITROPHENOL	\$06118	Below MDL	500	ug/L	10.0	100-02-7	GC	08/26/96
8270B	DIBENZOFURAN	\$06118	Below MDL	100	ug/L	10.0	132-64-9	GC	08/26/96
8270B	2,4-DINITROTOLUENE	\$06118	Below MDL	100	ug/L	10.0	121-14-2	GC	08/26/96
8270B	DIETHYL PHTHALATE	\$06118	Below MDL	100	ug/L	10.0	84-66-2	GC	08/26/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06118	Below MDL	100	ug/L	10.0	7005-72-3	GC	08/26/96
8270B	FLUORENE	\$06118	Below MDL	100	ug/L	10.0	86-73-7	GC	08/26/96
8270B	4-NITROANILINE	\$06118	Below MDL	100	ug/L	10.0	100-01-6	GC	08/26/96
8270B	4,6-DINITRO-2-METHYLPHENOL	\$06118	Below MDL	500	ug/L	10.0	534-52-1	GC	08/26/96
8270B	N-NITROSODIPHENYLAMINE	\$06118	Below MDL	100	ug/L	10.0	86-30-6	GC	08/26/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$06118	Below MDL	100	ug/L	10.0	101-55-3	GC	08/26/96
8270B	HEXACHLOROBENZENE	\$06118	Below MDL	100	ug/L	10.0	118-74-1	GC	08/26/96
8270B	PENTACHLOROPHENOL	\$06118	Below MDL	500	ug/L	10.0	87-86-5	GC	08/26/96
8270B	PHENANTHRENE	\$06118	Below MDL	100	ug/L	10.0	85-01-8	GC	08/26/96
8270B	ANTHRACENE	\$06118	Below MDL	100	ug/L	10.0	120-12-7	GC	08/26/96
8270B	DI-N-BUTYL PHTHALATE	\$06118	Below MDL	100	ug/L	10.0	84-74-2	GC	08/26/96
8270B	FLUORANTHENE	\$06118	Below MDL	100	ug/L	10.0	205-44-0	GC	08/26/96
8270B	BENZIDINE	\$06118	Below MDL	800	ug/L	10.0	92-87-5	GC	08/26/96
8270B	PYRENE	\$06118	Below MDL	100	ug/L	10.0	129-00-0	GC	08/26/96
8270B	BUTYL BENZYL PHTHALATE	\$06118	Below MDL	100	ug/L	10.0	85-68-7	GC	08/26/96
8270B	3,3'-DICHLOROBENZIDINE	\$06118	Below MDL	100	ug/L	10.0	91-94-1	GC	08/26/96
8270B	BENZ(A)ANTHRACENE	\$06118	Below MDL	100	ug/L	10.0	56-55-3	GC	08/26/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06118	Below MDL	200	ug/L	10.0	117-81-7	GC	08/26/96
8270B	CHRYSENE	\$06118	Below MDL	100	ug/L	10.0	218-01-9	GC	08/26/96
8270B	DI-N-OCTYL PHTHALATE	\$06118	Below MDL	100	ug/L	10.0	117-84-0	GC	08/26/96
8270B	BENZO(B)FLUORANTHENE	\$06118	Below MDL	100	ug/L	10.0	205-99-2	GC	08/26/96
8270B	BENZO(K)FLUORANTHENE	\$06118	Below MDL	100	ug/L	10.0	207-08-9	GC	08/26/96
8270B	BENZO(A)PYRENE	\$06118	Below MDL	100	ug/L	10.0	50-32-8	GC	08/26/96
8270B	INDENO(1,2,3-CD)PYRENE	\$06118	Below MDL	100	ug/L	10.0	193-39-5	GC	08/26/96
8270B	DIBENZ(A,H)ANTHRACENE	\$06118	Below MDL	100	ug/L	10.0	53-70-3	GC	08/26/96
8270B	BENZO(G,H,I)PERYLENE	\$06118	Below MDL	100	ug/L	10.0	191-24-2	GC	08/26/96
8270B	1,2-DIPHENYL-HYDRAZINE	\$06118	Below MDL	100	ug/L	10.0	122-66-7	GC	08/26/96
TEX (GC) WATER						Prep Date 08/30/96	Batch 082196BS		
3020A	BENZENE	\$08106	Below MDL	1.0	ug/L	1.0	71-43-2	DA	08/30/96
3020A	TOLUENE	\$08106	Below MDL	1.0	ug/L	1.0	108-88-8	DA	08/30/96
3020A	ETHYLBENZENE	\$08106	3.5	1.0	ug/L	1.0	100-41-4	DA	08/30/96
3020A	XYLENES (TOTAL)	\$08106	34	1.0	ug/L	1.0	1330-20-7	DA	08/30/96

Lab Sample ID AB37784
 Project # 8101
 Project Name FT. STEWART/COE SAMPLES
 Sampling Date/Time 08/20/96 14:30

Client Site # 8101
 Client Sample # TK4-GW

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
TEX (GC) WATER				Prep Date 08/30/96		Batch 082196BS			
3020A	CHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	108-90-7	DA	08/30/96
3020A	1,2-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	95-50-1	DA	08/30/96
3020A	1,3-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	541-73-1	DA	08/30/96
3020A	1,4-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	106-46-7	DA	08/30/96
3020A	TERT-METHYLBUTYL ETHER	\$08106	Below MDL	1.0	ug/L	1.0	1634-04-4	DA	08/30/96

Lab Sample ID AB37785
 Project # 8101
 Project Name FT. STEWART/COE SAMPLES
 Sampling Date/Time 08/21/96 11:00

Client Site # 8101
 Client Sample # TK87-S1

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
EMI (GC/MS) SOIL				Prep Date 08/30/96		Batch 0830960002			
2700	N-NITROSODIMETHYLAMINE	\$06018	Below MDL	495	ug/Kg	1.5	62-75-9	GC	08/29/96
2700	ANILINE	\$06018	Below MDL	495	ug/Kg	1.5	62-53-3	GC	08/29/96
2700	PHENOL	\$06018	Below MDL	495	ug/Kg	1.5	108-95-2	GC	08/29/96
27	BIS(2-CHLOROETHYL) ETHER	\$06018	Below MDL	495	ug/Kg	1.5	111-44-4	GC	08/29/96
270B	2-CHLOROPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	95-57-8	GC	08/29/96
270B	1,3-DICHLOROBENZENE	\$06018	Below MDL	495	ug/Kg	1.5	541-73-1	GC	08/29/96
270B	1,4-DICHLOROBENZENE	\$06018	Below MDL	495	ug/Kg	1.5	106-46-7	GC	08/29/96
270B	BENZYL ALCOHOL	\$06018	Below MDL	495	ug/Kg	1.5	100-51-6	GC	08/29/96
270B	1,2-DICHLOROBENZENE	\$06018	Below MDL	495	ug/Kg	1.5	95-50-1	GC	08/29/96
270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06018	Below MDL	495	ug/Kg	1.5	108-60-1	GC	08/29/96
270B	2-METHYLPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	95-48-7	GC	08/29/96
270B	4-METHYLPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	105-44-5	GC	08/29/96
270B	N-NITROSODI-N-PROPYLAMINE	\$06018	Below MDL	495	ug/Kg	1.5	621-64-7	GC	08/29/96
270B	HEXACHLOROETHANE	\$06018	Below MDL	495	ug/Kg	1.5	67-72-1	GC	08/29/96
270B	NITROBENZENE	\$06018	Below MDL	495	ug/Kg	1.5	98-95-3	GC	08/29/96
270B	ISOPHORONE	\$06018	Below MDL	495	ug/Kg	1.5	78-59-1	GC	08/29/96
270B	2-NITROPHENOL	\$06018	Below MDL	990	ug/Kg	1.5	88-75-5	GC	08/29/96
270B	2,4-DIMETHYLPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	105-67-9	GC	08/29/96
270B	BIS(2-CHLOROETHOXY)METHANE	\$06018	Below MDL	495	ug/Kg	1.5	111-91-1	GC	08/29/96
270B	2,4-DICHLOROPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	120-83-2	GC	08/29/96
270B	1,2,4-TRICHLOROBENZENE	\$06018	Below MDL	495	ug/Kg	1.5	120-82-1	GC	08/29/96
270B	BENZOIC ACID	\$06018	Below MDL	2475	ug/Kg	1.5	65-85-0	GC	08/29/96
270B	NAPHTHALENE	\$06018	Below MDL	495	ug/Kg	1.5	91-20-3	GC	08/29/96
270B	4-CHLOROANILINE	\$06018	Below MDL	495	ug/Kg	1.5	106-47-8	GC	08/29/96
270B	HEXACHLOROBUTADIENE	\$06018	Below MDL	495	ug/Kg	1.5	87-68-3	GC	08/29/96
270B	4-CHLORO-3-METHYLPHENOL	\$06018	Below MDL	990	ug/Kg	1.5	59-50-7	GC	08/29/96
270B	2-METHYLNAPHTHALENE	\$06018	Below MDL	495	ug/Kg	1.5	91-57-6	GC	08/29/96
270B	HEXACHLOROCYCLOPENTADIENE	\$06018	Below MDL	495	ug/Kg	1.5	77-47-4	GC	08/29/96
270B	2,4,6-TRICHLOROPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	88-06-2	GC	08/29/96
270B	2,4,5-TRICHLOROPHENOL	\$06018	Below MDL	495	ug/Kg	1.5	95-95-4	GC	08/29/96

EC0371-
 1412 California Drive, Suite 107
 Miami, FL 33146-0112
 Tel: 770-368-0112
 Fax: 770-368-0111

CHAIN OF CUSTODY

Client Name and Address:
 Anderson Columbia Env, Inc
 P O Box 1386
 Lake City, FL 32056
 Steve Clark Client ID 20102122

Sample By: Steve Clark
 Date: 8/24/96

Project #:
 Due Date: 8/30

Sample #	Date Sampled	Time Sampled
Sample 1 AB37784	8/24/96	1730
Sample 2 AB37785	8/24/96	1100
Sample 3 AB37786	8/24/96	1115
Sample 4 AB37787	8/24/96	1130
Sample 5 AB37788	8/24/96	1430
Sample 6 AB37789	8/24/96	1445
Sample 7 AB37790	8/24/96	
Sample 8		
Sample 9		

Sample By: Steve Clark
 Date: 8/24/96

Sample By: Steve Clark
 Date: 8/24/96

Sample By: Steve Clark
 Date: 8/24/96

Sample By: Steve Clark
 Date: 8/24/96

Sample By: Steve Clark
 Date: 8/24/96

Sample By: Steve Clark
 Date: 8/24/96

Sample By: Steve Clark
 Date: 8/24/96

Project #:
 Due Date: 8/30

Sample #	Date Sampled	Time Sampled
Sample 1 AB37784	8/24/96	1730
Sample 2 AB37785	8/24/96	1100
Sample 3 AB37786	8/24/96	1115
Sample 4 AB37787	8/24/96	1130
Sample 5 AB37788	8/24/96	1430
Sample 6 AB37789	8/24/96	1445
Sample 7 AB37790	8/24/96	
Sample 8		
Sample 9		

Sample By: Steve Clark
 Date: 8/24/96

Sample By: Steve Clark
 Date: 8/24/96

Sample By: Steve Clark
 Date: 8/24/96

Sample By: Steve Clark
 Date: 8/24/96

Sample By: Steve Clark
 Date: 8/24/96

Sample By: Steve Clark
 Date: 8/24/96

Sample By: Steve Clark
 Date: 8/24/96

Project #:
 Due Date: 8/30

Sample #	Date Sampled	Time Sampled
Sample 1 AB37784	8/24/96	1730
Sample 2 AB37785	8/24/96	1100
Sample 3 AB37786	8/24/96	1115
Sample 4 AB37787	8/24/96	1130
Sample 5 AB37788	8/24/96	1430
Sample 6 AB37789	8/24/96	1445
Sample 7 AB37790	8/24/96	
Sample 8		
Sample 9		

Sample By: Steve Clark
 Date: 8/24/96

Sample By: Steve Clark
 Date: 8/24/96

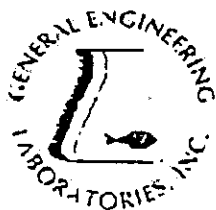
Sample By: Steve Clark
 Date: 8/24/96

Sample By: Steve Clark
 Date: 8/24/96

Sample By: Steve Clark
 Date: 8/24/96

Sample By: Steve Clark
 Date: 8/24/96

Sample By: Steve Clark
 Date: 8/24/96



GENERAL ENGINEERING LABORATORIES

Meeting today's needs with a vision for tomorrow.

STATEMENT ON LABORATORY DETECTION LIMITS

General Engineering has been performing chemical analysis on soil and groundwater samples for SAIC managed Ft. Stewart, GA, UST CAP Part-A and CAP Part-B Investigations for the past two years.

In the course of these studies GEL has employed appropriate EPA SW-846 protocols according to Methods 8020 for BTEX compounds, 8270 for PAH compounds, and modified 8015 for TPH-GRO and TPH-DRO components.

In performance of these methods the laboratory has consistently maintained analyte reporting levels of:

Analyte	Soil ug/Kg	Water ug/L
Benzene	5	5
Toluene	5	5
Ethylbenzene	5	5
Xylenes	10	10
PAHs	330	10
	mg/Kg	mg/L
TPH-GRO	5	0.1
TPH-DRO	4	0.1
TPH	10	0.2

Analytical method detection levels (MDLs) have been maintained at the following levels:

Analyte	Soil ug/Kg	Water ug/L
Benzene	2	2
Toluene	2	2
Ethylbenzene	2	2
Xylenes	4	4
PAHs	70	2
	mg/Kg	mg/L
TPH-GRO	2	0.05
TPH-DRO	2	0.05
TPH	4	0.1

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When an analyte was observed between the laboratory MDL and the reporting level, an estimated ("J") value was reported. If an analyte is not determined above the MDL, the laboratory will report the reporting level as a "U" (undetected). The above reporting levels and MDLs are applicable for all values reported for these analyses. For example, when a Benzene concentration of 500 ug/Kg is reported the associated reporting level is 5 ug/Kg and the associated MDL is 2 ug/Kg.

Soil data has been reported on a dry weight basis. This introduces a correction factor based on the moisture content found in each sample for both positive values and for the reporting level and MDL. For example, when a soil sample's reporting level is corrected for its percent moisture (say 10% moisture), the dry weight reporting level for benzene becomes 5.5 ug/gm and the MDL becomes 2.2 ug/gm. Therefore soil reporting levels will vary based on the moisture.

These reporting protocols follow current EPA direction.

GEL attempted in every sample analysis to achieve the requirements of GUST for soil and groundwater analyses. However, in some cases, it was not possible to achieve standard MDLs and reporting levels for each individual analyte. When a single analyte is found in the sample at high concentrations (example: xylenes at 5,000 ug/Kg), the sample must be diluted to properly quantify the level of that analyte. Dilution of the sample for one analyte will dilute the sample for all other analytes, raising the reporting levels for those analytes by the multiple of the dilution factor (example: a dilution of 1:10 will raise reporting levels of benzene to 50 ug/Kg). At other times concentrations of undetermined contaminants will require samples to be diluted, causing reporting levels and MDLs to become elevated.

The data produced for these Ft. Stewart UST Investigations was determined using approved EPA methodology by qualified analytical chemists. It has been reviewed by the laboratory and is considered technically sound and defensible.

Name: Robert L. Pullano

Title: Quality Systems Manager

Signature: *Robert L. Pullano*

Date: 1 April 98

GENERAL ENGINEERING LABORATORIES
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Recycling symbol text

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

700111

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA

Case No.: NA

SAS No.: NA

SDG No.: FS4023S

Matrix: (soil/water) SOIL

Lab Sample ID: 9805399-10

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 2J5042

Level: (low/med) LOW

Date Received: 05/13/98

% Moisture: not dec. 11

Date Analyzed: 05/23/98

GC Column: J&W DB-624 (PID) ID: 0.53 (mm)

Dilution Factor: 2.0

Soil Extract Volume: _____ (ml)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

71-43-2-----Benzene	4.5	U
108-88-3-----Toluene	14.6	
100-41-4-----Ethylbenzene	4.5	U
1330-20-7-----Xylenes (total)	13.5	U

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FORM I VOA

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: GENERAL ENGINEERING LABOR Contract: NA
 Lab Code: NA Case No.: NA SAS No.: NA
 Matrix: (soil/water) SOIL
 Sample wt/vol: 30.3 (g/mL) G
 Level: (low/med) LOW
 % Moisture: 11 decanted: (Y/N) N
 Concentrated Extract Volume: 1.00 (mL)
 Injection Volume: 1.0 (uL)
 GPC Cleanup: (Y/N) N pH: 7.0

SDG No.: FS4023S

Lab Sample ID: 9805399-10
 Lab File ID: 1U507
 Date Received: 05/13/98
 Date Extracted: 05/19/98
 Date Analyzed: 05/22/98
 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	
91-20-3	naphthalene	371	U
91-58-7	2-chloronaphthalene	371	U
208-96-8	acenaphthylene	371	U
83-32-9	acenaphthene	371	U
86-73-7	fluorene	371	U
85-01-8	phenanthrene	371	U
120-12-7	anthracene	371	U
206-44-0	fluoranthene	371	U
129-00-0	pyrene	371	U
56-55-3	benzo (a) anthracene	371	U
218-01-9	chrysene	371	U
205-99-2	benzo (b) fluoranthene	371	U
207-08-9	benzo (k) fluoranthene	371	U
50-32-8	benzo (a) pyrene	371	U
193-39-5	indeno (1,2,3-cd) pyrene	371	U
53-70-3	dibenz (a,h) anthracene	371	U
191-24-2	benzo (g,h,i) perylene	371	U

Q

4
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DATA VALIDATION COPY

Client: Science Applications International Corp.
P.O. Box 2502
800 Oak Ridge Turnpike
Oak Ridge, Tennessee 37831
Contact: Ms. Lorene Rollins
Project Description: CAP-Part A for UST Sites (Task Order No. 8)

cc: SAIC00598

Report Date: June 09, 1998

Page 1 of 1

Sample ID : 700111
Lab ID : 9805399-10
Matrix : Soil
Date Collected : 05/11/98
Date Received : 05/13/98
Priority : Routine
Collector : Client

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	M
General Chemistry											
Total Rec. Petro. Hydrocarbons		25.5	==	2.22	11.2 mg/kg	1.0	JLP	05/28/98	1230	123027	1

M = Method	Method-Description
M 1	EPA 418.1 Modified

Notes:

The qualifiers in this report are defined as follows:

ND indicates that the analyte was not detected at a concentration greater than the detection limit.

J indicates presence of analyte at a concentration less than the reporting limit (RL) and greater than the detection limit (DL).

U indicates that the analyte was not detected at a concentration greater than the detection limit.

* indicates that a quality control analyte recovery is outside of specified acceptance criteria.

This data report has been prepared and reviewed
in accordance with General Engineering Laboratories
standard operating procedures. Please direct
any questions to your Project Manager, Valerie Davis at (803) 769-7391.

Reviewed By



9805399-10

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

700121

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: FS4024S

Matrix: (soil/water) SOIL

Lab Sample ID: 9805400-17

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 2J6024

Level: (low/med) LOW

Date Received: 05/13/98

% Moisture: not dec. 11

Date Analyzed: 05/24/98

GC Column: J&W DB-624 (PID) ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (ml)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

71-43-2-----Benzene	2.2	U
108-88-3-----Toluene	18.2	U
100-41-4-----Ethylbenzene	2.2	U
1330-20-7-----Xylenes (total)	6.7	U

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FORM I VOA

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

700121

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: FS4024S

Matrix: (soil/water) SOIL

Lab Sample ID: 9805400-17

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 7V224

Level: (low/med) LOW

Date Received: 05/13/98

% Moisture: 11 decanted: (Y/N) N

Date Extracted: 05/22/98

Concentrated Extract Volume: 1.00 (mL)

Date Analyzed: 05/27/98

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

91-20-3-----	naphthalene	374	U
91-58-7-----	2-chloronaphthalene	374	U
208-96-8-----	acenaphthylene	374	U
83-32-9-----	acenaphthene	374	U
86-73-7-----	fluorene	374	U
85-01-8-----	phenanthrene	374	U
120-12-7-----	anthracene	374	U
206-44-0-----	fluoranthene	374	U
129-00-0-----	pyrene	374	U
56-55-3-----	benzo (a) anthracene	374	U
218-01-9-----	chrysene	374	U
205-99-2-----	benzo (b) fluoranthene	374	U
207-08-9-----	benzo (k) fluoranthene	374	U
50-32-8-----	benzo (a) pyrene	374	U
193-39-5-----	indeno (1,2,3-cd) pyrene	374	U
53-70-3-----	dibenz (a,h) anthracene	374	U
191-24-2-----	benzo (g,h,i) perylene	374	U

FORM I SV-1

OLM03.0

DATA VALIDATION
COPY

Client: Science Applications International Corp.
P.O. Box 2502
800 Oak Ridge Turnpike
Oak Ridge, Tennessee 37831
Contact: Ms. Lorene Rollins
Project Description: CAP-Part A for UST Sites (Task Order No. 8)

cc: SAIC00598

Report Date: June 08, 1998

Page 1 of 1

Sample ID : 700121
Lab ID : 9805400-17
Matrix : Soil
Date Collected : 05/11/98
Date Received : 05/13/98
Priority : Routine
Collector : Client

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	M
General Chemistry											
Total Rec. Petro. Hydrocarbons		11.7	U F07, 2.22	11.2	mg/kg	1.0	JLP	06/02/98	1300	123293	1
			F07								

M = Method	Method-Description
M 1	EPA 418.1 Modified

Notes:

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J indicates presence of analyte at a concentration less than the reporting limit (RL) and greater than the detection limit (DL).

U indicates that the analyte was not detected at a concentration greater than the detection limit.

* indicates that a quality control analyte recovery is outside of specified acceptance criteria.

This data report has been prepared and reviewed
in accordance with General Engineering Laboratories
standard operating procedures. Please direct
any questions to your Project Manager, Valerie Davis at (803) 769-7391.

Reviewed By



DATA VALIDATION

Form 1: Inorganic Analyses Data Sheet

SDG No.: FS4024S COPY

Method Type: Total Metals

Sample ID: 9805400-17

Client ID: 700121

Contract: SAIC00598

Lab Code: GEL

Case No.:

SAS No.:

Matrix: SOIL

Date Received: 5/13/98

Level: LOW

% Solids: 89.00

CAS No.	Analyte	Concentration	Units	C	Qual	M	DL	Instrument ID	Analytical Run
7439-92-1	Lead	1.9	mg/kg			P	0.10	TJA61 Trace ICPAES	980520-1

11 Fol, 507

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

700112

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: FS4019W

Matrix: (soil/water) GROUNDH2O Lab Sample ID: 9805392-02

Sample wt/vol: 10.00 (g/ml) ML Lab File ID: 2J408

Level: (low/med) LOW Date Received: 05/13/98

% Moisture: not dec. Date Analyzed: 05/21/98

GC Column: J&W DB-624 (PID) ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
71-43-2-----	Benzene	1.8	J	J U U U ↓
108-88-3-----	Toluene	2.0	U	
100-41-4-----	Ethylbenzene	2.0	U	
1330-20-7-----	Xylenes (total)	6.0	U	

DATA VALIDATION
COPY

FORM I VOA

DATA VALIDATION

1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

700112

Lab Name: ~~COSE~~ GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: FS4012W

Matrix: (soil/water) GROUNDH2O Lab Sample ID: 9805304-11

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: 1U114

Level: (low/med) LOW Date Received: 05/13/98

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 05/15/98

Concentrated Extract Volume: 0.50 (mL) Date Analyzed: 05/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

91-20-3-----	naphthalene	20.0	U
91-58-7-----	2-chloronaphthalene	20.0	U
208-96-8-----	acenaphthylene	20.0	U
83-32-9-----	acenaphthene	20.0	U
86-73-7-----	fluorene	20.0	U
85-01-8-----	phenanthrene	20.0	U
120-12-7-----	anthracene	20.0	U
206-44-0-----	fluoranthene	20.0	U
129-00-0-----	pyrene	20.0	U
56-55-3-----	benzo (a) anthracene	20.0	U
218-01-9-----	chrysene	20.0	U
205-99-2-----	benzo (b) fluoranthene	20.0	U
207-08-9-----	benzo (k) fluoranthene	20.0	U
50-32-8-----	benzo (a) pyrene	20.0	U
193-39-5-----	indeno (1,2,3-cd) pyrene	20.0	U
53-70-3-----	dibenz (a,h) anthracene	20.0	U
191-24-2-----	benzo (g,h,i) perylene	20.0	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

700211

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: FS4024S

Matrix: (soil/water) SOIL

Lab Sample ID: 9805400-02

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 2J607

Level: (low/med) LOW

Date Received: 05/13/98

% Moisture: not dec. 15

Date Analyzed: 05/24/98

GC Column: J&W DB-624 (PID) ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (ml)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

71-43-2-----	Benzene	2.4	U
108-88-3-----	Toluene	2.4	U
100-41-4-----	Ethylbenzene	2.4	U
1330-20-7-----	Xylenes (total)	7.0	U

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FORM I VOA

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

700211

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: FS4024S

Matrix: (soil/water) SOIL Lab Sample ID: 9805400-02

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 7V209

Level: (low/med) LOW Date Received: 05/13/98

% Moisture: 15 decanted: (Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 05/26/98

Injection Volume: 1.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

91-20-3	-----naphthalene	784	U
91-58-7	-----2-chloronaphthalene	784	U
208-96-8	-----acenaphthylene	784	U
83-32-9	-----acenaphthene	784	U
86-73-7	-----fluorene	784	U
85-01-8	-----phenanthrene	784	U
120-12-7	-----anthracene	784	U
206-44-0	-----fluoranthene	784	U
129-00-0	-----pyrene	784	U
56-55-3	-----benzo (a) anthracene	784	U
218-01-9	-----chrysene	784	U
205-99-2	-----benzo (b) fluoranthene	784	U
207-08-9	-----benzo (k) fluoranthene	784	U
50-32-8	-----benzo (a) pyrene	784	U
193-39-5	-----indeno (1,2,3-cd) pyrene	784	U
53-70-3	-----dibenz (a,h) anthracene	784	U
191-24-2	-----benzo (g,h,i) perylene	784	U

FORM I SV-1

OLM03.0

DATA VALIDATION COPY

Client: Science Applications International Corp.
P.O. Box 2502
800 Oak Ridge Turnpike
Oak Ridge, Tennessee 37831
Contact: Ms. Lorene Rollins
Project Description: CAP-Part A for UST Sites (Task Order No. 8)

cc: SAIC00598

Report Date: June 08, 1998

Page 1 of 1

Sample ID : 700211
Lab ID : 9805400-02
Matrix : Soil
Date Collected : 05/11/98
Date Received : 05/13/98
Priority : Routine
Collector : Client

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	M
General Chemistry											
Total Rec. Petro. Hydrocarbons		32.3	U	2.34	11.8 mg/kg	1.0	JLP	06/02/98	1300	123293	1

M = Method	Method-Description
M 1	EPA 418.1 Modified

Notes:

The qualifiers in this report are defined as follows:

ND indicates that the analyte was not detected at a concentration greater than the detection limit.

J indicates presence of analyte at a concentration less than the reporting limit (RL) and greater than the detection limit (DL).

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This data report has been prepared and reviewed
in accordance with General Engineering Laboratories
standard operating procedures. Please direct
any questions to your Project Manager, Valerie Davis at (803) 769-7391.

Reviewed By _____



SECTION 1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

700221

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA

SDG No.: FS4024S

Matrix: (soil/water) SOIL

Lab Sample ID: 9805400-16

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 2J6022

Level: (low/med) LOW

Date Received: 05/13/98

% Moisture: not dec. 16

Date Analyzed: 05/24/98

GC Column: J&W DB-624 (PID) ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (ml)

Soil Aliquot Volume: (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

71-43-2-----Benzene	2.4	U
108-88-3-----Toluene	4.0	
100-41-4-----Ethylbenzene	2.4	U
1330-20-7-----Xylenes (total)	7.1	U

25.5

FORM I VOA

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

700221

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: FS4024S

Matrix: (soil/water) SOIL Lab Sample ID: 9805400-16

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 7V223

Level: (low/med) LOW Date Received: 05/13/98

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 05/27/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

91-20-3-----	naphthalene	397	U
91-58-7-----	2-chloronaphthalene	397	U
208-96-8-----	acenaphthylene	397	U
83-32-9-----	acenaphthene	397	U
86-73-7-----	fluorene	397	U
85-01-8-----	phenanthrene	397	U
120-12-7-----	anthracene	397	U
206-44-0-----	fluoranthene	397	U
129-00-0-----	pyrene	397	U
56-55-3-----	benzo (a) anthracene	397	U
218-01-9-----	chrysene	397	U
205-99-2-----	benzo (b) fluoranthene	397	U
207-08-9-----	benzo (k) fluoranthene	397	U
50-32-8-----	benzo (a) pyrene	397	U
193-39-5-----	indeno (1,2,3-cd) pyrene	397	U
53-70-3-----	dibenz (a,h) anthracene	397	U
191-24-2-----	benzo (g,h,i) perylene	397	U

FORM I SV-1

OLM03.0

DATA VALIDATION COPY

Client: Science Applications International Corp.
P.O. Box 2502
800 Oak Ridge Turnpike
Oak Ridge, Tennessee 37831
Contact: Ms. Lorene Rollins
Project Description: CAP-Part A for UST Sites (Task Order No. 8)

cc: SAIC00598

Report Date: June 08, 1998

Page 1 of 1

Sample ID : 700221
Lab ID : 9805400-16
Matrix : Soil
Date Collected : 05/11/98
Date Received : 05/13/98
Priority : Routine
Collector : Client

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	M
General Chemistry											
Total Rec. Petro. Hydrocarbons		22.1	U	FD, 236	11.9 mg/kg	1.0	JLP	06/02/98	1300	123293	1
FD7											
M = Method											
Method-Description											
M1											
EPA 418.1 Modified											

Notes:

The qualifiers in this report are defined as follows:

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* indicates that a quality control analyte recovery is outside of specified acceptance criteria.

This data report has been prepared and reviewed
in accordance with General Engineering Laboratories
standard operating procedures. Please direct
any questions to your Project Manager, Valerie Davis at (803) 769-7391.

Reviewed By

Form 1: Inorganic Analyses Data Sheet

SDG No.: FS4024S

Method Type: Total Metals

Sample ID: 9805400-16

Client ID: 700221

Contract: SAIC00598

Lab Code: GEL

Case No.:

SAS No.:

Matrix: SOL

Date Received: 5/13/98

Level: LOW

% Solids: 84.00

CAS No.	Analyte	Concentration	Units	C	Qual	M	DL	Instrument ID	Analytical Run
7439-92-1	Lead	4.7	mg/kg			P	0.11	TJA61 Trace ICPAES	980520-1

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

700212

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA

Case No.: NA

SAS No.: NA

SDG No.: FS4019W

Matrix: (soil/water) GROUNDH2O

Lab Sample ID: 9805392-16

Sample wt/vol: 10.00 (g/ml) ML

Lab File ID: 2J4026

Level: (low/med) LOW

Date Received: 05/13/98

% Moisture: not dec. _____

Date Analyzed: 05/21/98

GC Column: J&W DB-624 (PID) ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (ml)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Q

71-43-2-----Benzene	1.2	J
108-88-3-----Toluene	2.0	U
100-41-4-----Ethylbenzene	2.0	U
1330-20-7-----Xylenes (total)	6.0	U

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DATA VALIDATION
COPY

FORM I VOA

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

700212

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA

SDG No.: FS4017W

Matrix: (soil/water) GROUNDH2O

Lab Sample ID: 9805388-20

Sample wt/vol: 950.0 (g/mL) ML

Lab File ID: 2U417

Level: (low/med) LOW

Date Received: 05/13/98

% Moisture: _____ decanted: (Y/N) _____

Date Extracted: 05/14/98

Concentrated Extract Volume: 1.00 (mL)

Date Analyzed: 05/21/98

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

91-20-3	-----naphthalene	10.5	U
91-58-7	-----2-chloronaphthalene	10.5	U
209-96-8	-----acenaphthylene	10.5	U
83-32-9	-----acenaphthene	10.5	U
86-73-7	-----fluorene	0.34	J
85-01-8	-----phenanthrene	10.5	U
120-12-7	-----anthracene	10.5	U
206-44-0	-----fluoranthene	10.5	U
129-00-0	-----pyrene	10.5	U
56-55-3	-----benzo (a) anthracene	10.5	U
218-01-9	-----chrysene	10.5	U
205-99-2	-----benzo (b) fluoranthene	10.5	U
207-08-9	-----benzo (k) fluoranthene	10.5	U
50-32-8	-----benzo (a) pyrene	10.5	U
193-39-5	-----indeno (1,2,3-cd) pyrene	10.5	U
53-70-3	-----dibenz (a,h) anthracene	10.5	U
191-24-2	-----benzo (g,h,i) perylene	10.5	U

UJ G01
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J G01
UJ G01
↓ ↓

G01

FORM I SV-1

OLM03.0



COC NO.: GAD008

20	Cooler Temperature:	40
	FEDEX NUMBER:	

COC NO.: GAB0209

CHAIN OF CUSTODY RECORD

800 Oak Ridge Turnpike, Oak Ridge, TN 37831 423 481-8800

PROJECT NAME: Fort Stewart New CAP Part A UST Investigation

5046 9405

PROJECT NUMBER: 01-0331-04-0009-200

PROJECT MANAGER: Patty Steh

(Signature) (Printed Name)

Sample ID	Date Collected	Time Collected	Months
740121	5/11/98	1650	5011
080511	5/11/98	1535	
060221	5/12/98	1450	
740021	5/11/98	1740	
060121	5/12/98	1750	
740511	5/12/98	1420	
740421	5/11/98	1900	
700021	5/11/98	1050	
700121	5/11/98	955	
740321	5/11/98	1625	
777011	5/12/98	1240	
60321	5/12/98	1615	
770321	5/12/98	1645	

RELINQUISHED BY: <i>Ramona Dumbay</i>	Date/Time 5/13/98	RECEIVED BY: <i>Diane H.</i>	COMPANY NAME: <i>Gel</i>
RELINQUISHED BY: <i>SATC</i>	Date/Time 1/14/00	RECEIVED BY:	COMPANY NAME:
RELINQUISHED BY: <i>Beth Baker</i>	Date/Time 5-17-98	RECEIVED BY:	COMPANY NAME:
RELINQUISHED BY: <i>BTCL</i>	Date/Time 1/14/00	RECEIVED BY:	COMPANY NAME:
RELINQUISHED BY: <i>Beth Baker</i>	Date/Time 6/17/98	RECEIVED BY:	COMPANY NAME:
RELINQUISHED BY: <i>BTCL</i>	Date/Time 1/16/00	RECEIVED BY:	COMPANY NAME:

REQUESTED PARAMETERS										LABORATORY NAME: General Engineering Laboratory	
										LABORATORY ADDRESS: 2040 Savage Road Charleston, SC 29417	
										PHONE NO: (803) 556-8171	
										OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
BTEX	PAN	TOC	BTEX, GRO	PAN, GRO	PAN, DRO, Lead	PAN, TPH	PAN, TPH, Lead	PAN, TPH, Lead, TOC	PAN, DRO, Lead, TOC	No. of Bottles/Vials	9805400-10
											9805401-01
											9805400-11
											-12
											-13
											-14
											-15
											-16
											-17
											-18
											-19
											-20
											9805401-02
TOTAL NUMBER OF CONTAINERS:										Cooler Temperature:	40C
Cooler ID:										FEDEX NUMBER:	

[illegible]



COC NO.:

PROJECT MANAGER- Patty Stoll

COC NO.: GAB030

PROJECT MANAGER: Patty Stol

Laura Lumley

COMPANY NAME
DEPT 1

136,50

COMPANY NAME

WILFRED HARRIS



800 Oak Ridge Turnpike, Oak Ridge, TN 37831 (615) 481-4000

Science Applications Incorporated Company
Science Applications Incorporated Organization

CHAIN OF CUSTODY RECORD

PROJECT NAME: Fort Stewart New CAP Part A UST Investigation

7605

PROJECT NUMBER: 01-0331-04-0805-200

PROJECT MANAGER: Patty Stob

Signature (Signature)
Laura Lumley
(Printed Name)

Sample ID	Date Collected	Time Collected	Matrix
790412	5/12/98	1025	water
700212	5/11/98	1130	
700112	5/11/98	1000	↓
770121	5/12/98	1245	Soil
660121	5/11/98	1350	
660127	5/11/98	1350	
151611	5/11/98	940	
640221	5/11/98	1455	
710521	5/11/98	1215	
710221	5/11/98	1415	
710113	5/11/98	1250	
710111	5/11/98	1250	
780421	5/12/98	1010	↓

RECEIVED BY:	Date/Time	RECEIVED BY:	Date/Time
Signature COMPANY NAME: SA-IL	5/12/98 1140	Signature COMPANY NAME: JENCO	5/13/98 1600
RECEIVED BY: Signature	5-13-98	RECEIVED BY:	
COMPANY NAME: JENCO	1148	COMPANY NAME:	
RECEIVED BY: Signature	5/13/98	RECEIVED BY:	
COMPANY NAME: JENCO		COMPANY NAME:	

REQUESTED PARAMETERS	TEST	DATE	TIME	LOCATION	ANALYST	LABORATORY	NO. OF BOTTLES/VIALS
PAN, TPN, Lead, TOC							2
PAN, TPN, Lead							2
PAN, TPN							2
PAN, DMO, Lead							2
PAN, DMO							2
BTEX, GRO							2
TOC							2
PAN							2
BTEX							2

TOTAL NUMBER OF CONTAINERS:	COOLER ID: #	COOLER TEMPERATURE:	FEDEX NUMBER:
240, 50	240, 50	40	
Date/Time	Date/Time	Date/Time	Date/Time
5/13/98 1600			
RECEIVED BY:	RECEIVED BY:	RECEIVED BY:	RECEIVED BY:
Signature	Signature	Signature	Signature
COMPANY NAME: JENCO	COMPANY NAME:	COMPANY NAME:	COMPANY NAME:

LABORATORY NAME:
General Engineering Laboratory

LABORATORY ADDRESS:
2040 Savage Road
Charleston, SC 29417

PHONE NO: (803) 558-8171

OBSERVATIONS, COMMENTS,
SPECIAL INSTRUCTIONS

9805388-19
-20
9805304-11
9805395-01
-02
-03
-04
-05
-06
-07
-08
-09

COOLING TEMPERATURE: 40

FEDEX NUMBER:

COC NO.: GAB025

1012