

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

CLOSURE (IN-PLACE) REPORT

USED OIL TANK
BUILDING 1056, TANK 56
FACILITY ID NUMBER: 9-089116
FT. STEWART, GEORGIA

PREPARED BY:

ANDERSON COLUMBIA ENVIRONMENTAL, INC.

DECEMBER 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 Environmental, Inc.

TAB 1

GEORGIA CLOSURE REPORT
FORMS

Georgia Department of Natural Resources

Environmental Protection Division
Underground Storage Tank Management Program
4244 International Parkway, 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 1056
Street Address: FAC 1056
Ft. Stewart GA 31314-5000
(city) (state) (zip code)
Facility ID# 9-089116

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:  Date: 12/6/96

Closure for

MANAGER OF OPERATIONS (3)

August 1995

4. Site-specific Hydrogeology:

Depth to Groundwater _____ 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: 12-Aug-96
- Tank Information:

<u>Tank #</u>	<u>Tank Size (gallons)</u>	<u>Tank Contents</u>
56	2000	Waste Oil

(*Note: This tank was closed in-place)

(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**

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)
227.41 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. ACE tank removal specialists creating an access-way into the tank.

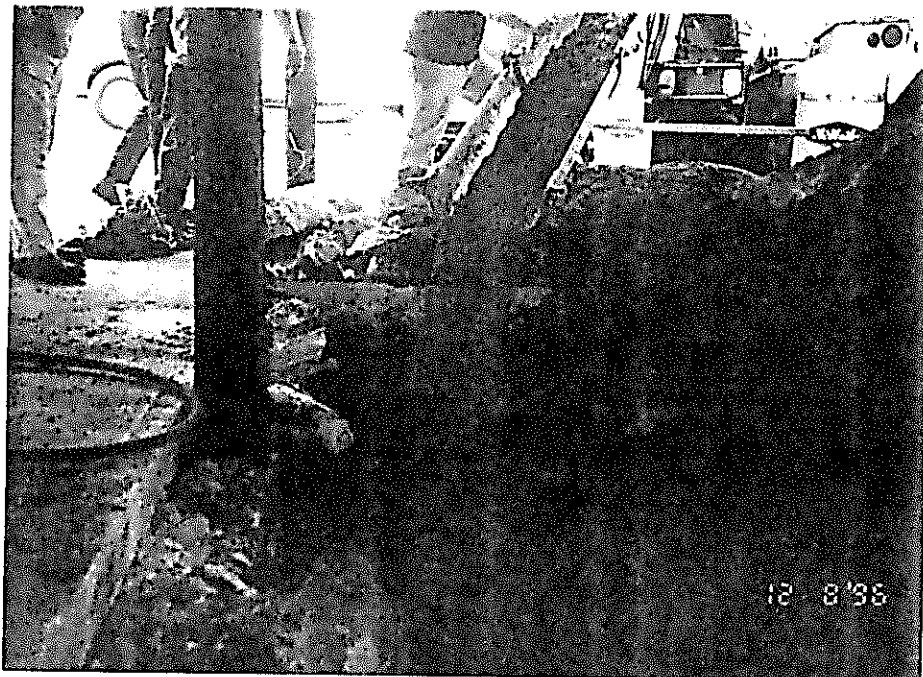
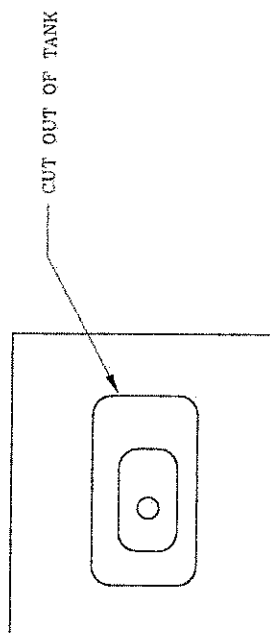
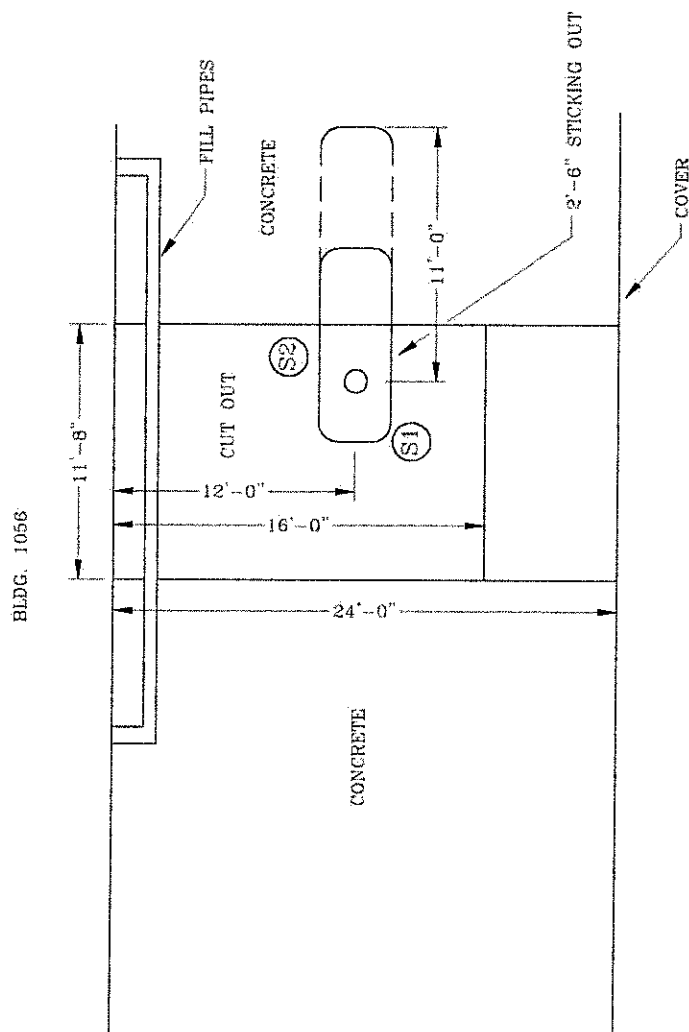


Photo 2. The tank being filled in-place with a slurry mixture.

TAB 5

SITE MAPS

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

[illegible]

NORTH

LEGEND/REF. DRWG.'S

TANK DIMENSIONS: 5'-4" X 11'-0"
EXCAVATION SIZE: 10' X 12' X 8' DEEP

**ANDERSON COLUMBIA
ENVIRONMENTAL, INC.**
P.O. BOX 1386 LAKE CITY, FLORIDA 32056 (904) 755-1196

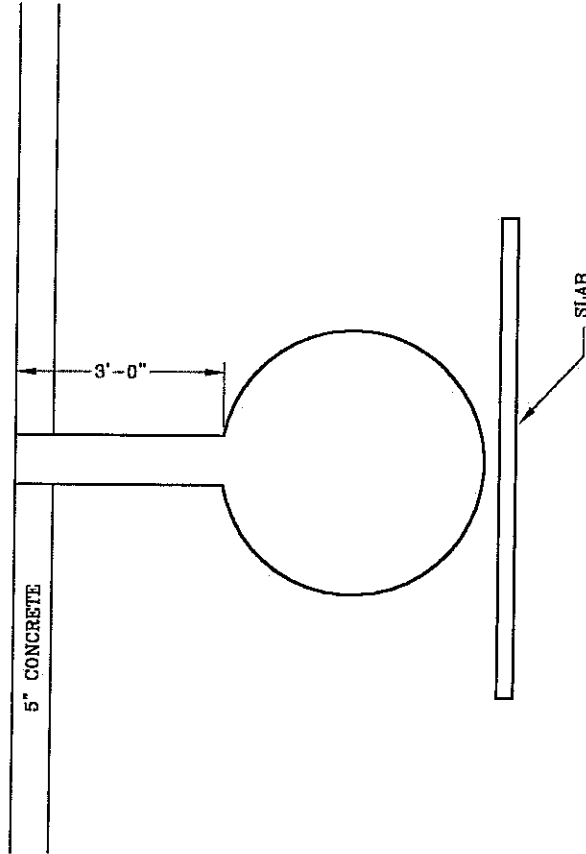
DR. N.A.M. CH'D DR. APP. _____
ENGR. ENGR.'S DEPT. _____
DATE 11-6-96 SCALE N.T.S. _____

JOB #8101 FT. STEWART, GA

LOCATION; BLDG. 1056

TANK #56 2000 GAL. WASTE OIL

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

[illegible]

CROSS SECTION

**ANDERSON COLUMBIA
ENVIRONMENTAL, INC.**
P.O. BOX 1386 LAKE CITY, FLORIDA 32056 (904) 755-1196

DR. N.A.M. CH'D DR. APP.
ENGR. ENGR.'S DEPT.
DATE 11-5-96 SCALE N.T.S.

JOB #8101 FT. STEWART, GA

LOCATION: BLDG. 1056

TANK #56 2000 GAL. WASTE OIL

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: 9-089116

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): 1

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 1056
Street Address : FAC 1056
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 II: Tank Data

FACILITY ID	9-089116				
TANK ID	56				
Status of Tank					
Currently in Use	☒				
Temp. Out of Use	☐				
Perm. Out of Use	☒				
Date of Installation	01-01-1960				
Age	36				
Est. Total Capacity	2,000				
MATERIAL OF CONSTRUCTION					
Asphalt or Bare Steel	☒				
Cath. Protected Steel	☐				
Epoxy Coated Steel	☐				
Composite	☐				
Fiberglass Reinf. Plas.	☐				
Lined Interior	☐				
Double Walled	☐				
Poly. Tank Jacket	☐				
Concrete	☐				
Excavation Liner	☐				
Unknown	☐				
Other, Explanation					
Date Tank Repaired					
PIPING MATERIAL					
Bare Steel	☐				
Galvanized Steel	☒				
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	☐				
Diesel	☐				
Gasohol	☐				
Kerosene	☐				
Heating Oil	☐				
Used Oil	☒				
Propane	☐				
Empty	☐				
Other, Explanation					

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part II: Tank Data

FACILITY ID	9-089116									
TANK ID	56									
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	15 Jul 1996	15 Jul 1996								
Est. Date Closed	12 Aug 96	12 Aug 96								
Removed from Ground										
Closed in Ground	X		← SLURRY MIXTURE							
Filled with Iner. Mat.	X									
Change in Service										
Site Assessment Compl.										
Leak Detected	X									
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										

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

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 56
Building Number 1056

<i>Method</i> Sample ID <i>unit</i>	9073 TRPH ppm	418.1 TPH ppm	8020 BTEX ppb	8270B Semi-Volatile Organics ppb
8101-TK56-51 [sic]		4600	bdl	bdl
8101-TK56-52 [sic]		39300	bld	bdl
8101-TK56-S2 [QA]		36875	bld	bdl
bdl= below method detection limits				

**Fort Stewart is in an area of 'High or Average Groundwater pollution susceptibility' and this tank is approximately 3500 feet from a withdrawal point. Comparisons should be made to Table A for contaminants >500 feet from a withdrawal point.

227.41 tons of petroleum contaminated soil was removed from the Tank 56 pit.

Complete Data Package Follows

Table A

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

^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 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

her 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 ^f	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
Benzo(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.

TRANSMITTAL OF SAD LABORATORY REPORT(S)

TO: Commander, Savannah District
US Army Corps of Engineers
ATTN: CESAS-PM-H
Mr. Brent Rose
Savannah, GA 31402-0889

FROM: Director (CESAD-ET-EL)
SAD Laboratory
USACE
611 South Cobb Drive
Marietta, GA 30060-3112

PROJECT: Ft. Stewart

REQN NO: PMS-96-109
W.O. NO: 7996

SUBJECT: Analytical Testing Results

1. Enclosed is our report of analytical test results and chain of custody forms for one sample collected on 12 August 1996 from Ft. Stewart.

2. If you have any questions, please call Mr. Blaise Willis at 770-919-5295 or me at 770-919-3990.

SUBMITTED BY:

WILLIAM L. TISON, P.E.
Director, SAD Laboratory

SIGNATURE



DATE:

6 Sep 1996

South Atlantic Division Laboratory
U. S. Army Corps of Engineers
611 South Cobb Drive
Marietta, Georgia 30060-3112

District - SAVANNAH

Date Received - 96/08/14

Date Reported - 96/08/29 11:17:12

FT. STEWART ARMY AF

Requisition - PMS-96-109

Work Order - 7996 Job Number - 4083

Lab # Field ID

29797 8101-TK56-S2

Date Sampled Time Sampled

96/08/12 12:00

Test Performed	Result	Units	Tested By	Test Date
-----	-----	-----	-----	-----
TOTAL SOLIDS, % OF WET	88.00	%	ASI	96/08/16
AROMATIC VOLATILE ORGANICS	*		ASI	96/08/19
SEMIVOLATILE ORGANICS GC/MS	*		ASI	96/08/21
TRPH	36875.0	MG/KG	ASI	96/08/16

*NOTE: See Attached

Sampled by District Personnel

Checked by: MS

Signed by:

Blaise Willis

Blaise Willis
Chemist

Page 1 of 1

ANDERSON COLUMBIA
ENVIRONMENTAL, INC.

Page 1 of 1

Et Standard D0 Ø1Ø1

Figure 1

Sample Location

Preservative

Remarks:

W

QA Sample of same ID #

Received by

~~Date / Time~~

1

90/5/8

SOUTH ATLANTIC DIVISION LABORATORY
SAMPLE RECEIVING AND COOLER RECEIPT DATA SHEET
CHEMICAL SECTION - Sample Log-In

DATE: 8/14/96

Number of coolers 1

Returned cooler(s) to: Anderson Columbia

PROJECT: FT. Stewart

W.O.# _____

JOB# 4083

Coolers(s) opened by (print name) Irene Cape Dawn

(sign) [Signature]

1. Did cooler come with shipping slip?

If yes, enter Tracking Number here 51-103 -348-0 [Box]

☒ yes ☐ no

2. Were custody seals on out side of cooler?

How many? _____ Date on seal(s) _____ Name on seal(s) _____

☐ yes ☒ no

3. Were custody seals unbroken upon receipt?

☐ yes ☐ no

4. Did you screen sample(s) for "Radioactivity"?

☒ yes ☐ no

5. Were custody papers filled out properly? (ink, signed, etc.,)

☒ yes ☐ no

6. Temperature of sample(s) upon receipt: 6e

7. Describe cooler packing: [Signature]

8. Did all sample containers arrive unbroken?

☒ yes ☐ no

9. Were the sample containers sealed in separate plastic bags?

☒ yes ☐ no

10. Were labels on containers in good condition and agree with Custody paper?

☒ yes ☐ no

11. Were correct containers used for the test(s) indicated?

☒ yes ☐ no

12. Were correct preservatives added to sample(s)?

☒ yes ☐ no ☐ unk

13. Was a sufficient amount of sample sent for test?

☒ yes ☐ no

14. Were bubbles absent in Volatile sample(s)?

If no, list field ID# _____

☐ yes ☐ no ☒ N/A

15. Numbers of days from sample date, samples received in Lab 1 day

16. Number of Samples: 1

Sample Type: ☒ soil ☐ water ☐ other

SAMPLE ANALYSIS PERFORMED BY: ABE

TAT [Signature]

COMMENTS: _____

17. Did you sign custody papers in the appropriate place?

☒ yes ☐ no

LAB NUMBER(S): 23-197

SIGNATURE: [Signature]



ANALYTICAL SERVICES, INC.

ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS

110 TECHNOLOGY PARKWAY • NORCROSS, GA 30092
(770) 734-4200 • FAX (770) 734-4201

South Atlantic Division Laboratory
U.S. Army Corps of Engineers
611 South Cobb Drive
Marietta, GA 30060
Attn: Mr. Blaise Willis

August 28, 1996

P.O. No. DACW01-96-A-0001

SAD Lab #: 29797
Field ID: 8101-TK56-S2

ASI Lab No. 75167
Date Received: 08/15/96
Time Received: 10:15
Sample Type: Soil

Date Collected: 08/12/96
Time Collected: 12:00

Analyte	Result	Det Limit	Units	Date	Time	Analyst	Method
Total Solids	88	0.05	%	08/16/96	1530	AB/	160.3
Dilution Factor	1						
Total Petroleum Hydrocarbons	36875	11	mg/kg	08/16/96	1200	SEH	418.1M
Dilution Factor	1						
Prepared/Extracted				08/16/96	1000	SEH	

BDL - Below Detection Limit
Results reported on dry-weight basis



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P.O. No. DACW01-96-A-0001

SAD Lab #: 29797
Field ID: 8101-TK56-S2

ASI Lab No. 75167
Date Received: 08/15/96
Time Received: 10:15
Sample Type: Soil

Date Collected: 08/12/96
Time Collected: 12:00

Analyte	Result	Det Limit	Units	Date	Time	Analyst	Method
BTEX (EPA 8020) - Georgia UST							8020
Dilution Factor	1						
Benzene	BDL	230	ug/kg	08/19/96	1144	BDL	8020
Ethylbenzene	BDL	230	ug/kg	08/19/96	1144	BDL	8020
Toluene	BDL	230	ug/kg	08/19/96	1144	BDL	8020
Xylenes	BDL	230	ug/kg	08/19/96	1144	BDL	8020
Total BTEX	BDL	230	ug/kg	08/19/96	1144	BDL	8020

BDL - Below Detection Limit
Results reported on dry-weight basis



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August 28, 1996

P.O. No. DACW01-96-A-0001

SAD Lab #: 29797
Field ID: 8101-TK56-S2

ASI Lab No. 75167
Date Received: 08/15/96
Time Received: 10:15
Sample Type: Soil

Date Collected: 08/12/96
Time Collected: 12:00

Analyte	Result	Det Limit	Units	Date	Time	Analyst	Method
Acid Extractable Organics (EPA 8270)							8270
Dilution Factor	1						
Prepared/Extracted				8/19/96	1700	JQZ	
4-Chloro-3-methylphenol	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
2-Chlorophenol	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
2,4-Dichlorophenol	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
2,4-Dimethylphenol	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
4,6-Dinitro-2-methylphenol	BDL	37000	ug/kg	8/21/96	2034	DMB	8270
2,4-Dinitrophenol	BDL	37000	ug/kg	8/21/96	2034	DMB	8270
2-Methylphenol	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
4-Methylphenol	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
2-Nitrophenol	BDL	37000	ug/kg	8/21/96	2034	DMB	8270
4-Nitrophenol	BDL	37000	ug/kg	8/21/96	2034	DMB	8270
Pentachlorophenol	BDL	15000	ug/kg	8/21/96	2034	DMB	8270
Phenol	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
2,4,5-Trichlorophenol	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
2,4,6-Trichlorophenol	BDL	7400	ug/kg	8/21/96	2034	DMB	8270

BDL - Below Detection Limit
Results reported on dry-weight basis



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August 28, 1996

P.O. No. DACW01-96-A-0001

SAD Lab #: 29797
Field ID: 8101-TK56-S2

ASI Lab No. 75167
Date Received: 08/15/96
Time Received: 10:15
Sample Type: Soil

Date Collected: 08/12/96
Time Collected: 12:00

Analyte	Result	Det Limit	Units	Date	Time	Analyst	Method
Base/Neutral Extractable Organics (EPA 8270)							8270
Dilution Factor	1						
Prepared/Extracted				8/19/96	1700	JQZ	
Acenaphthene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Acenaphthylene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Anthracene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Benzoic Acid	BDL	37000	ug/kg	8/21/96	2034	DMB	8270
Benzo(a)anthracene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Benzo(b)fluoranthene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Benzo(k)fluoranthene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Benzo(ghi)perylene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Benzo(a)pyrene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Benzyl Alcohol	BDL	15000	ug/kg	8/21/96	2034	DMB	8270
Bis(2-chloroethoxy)methane	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Bis(2-chloroethyl)ether	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Bis(2-chloroisopropyl)ether	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Bis(2-ethylhexyl)phthalate	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
4-Bromophenyl phenyl ether	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Benzyl butyl phthalate	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
4-Chloroaniline	BDL	15000	ug/kg	8/21/96	2034	DMB	8270
2-Chloronaphthalene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
4-Chlorophenyl phenyl ether	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Chrysene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Dibenzo(a,h)anthracene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Dibenzofuran	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Di-n-butylphthalate	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
1,3-Dichlorobenzene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
1,4-Dichlorobenzene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
1,2-Dichlorobenzene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
3,3'-Dichlorobenzidine	BDL	15000	ug/kg	8/21/96	2034	DMB	8270

BDL - Below Detection Limit
Results reported on dry-weight basis



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August 28, 1996

P.O. No. DACW01-96-A-0001

SAD Lab #: 29797
Field ID: 8101-TK56-S2

ASI Lab No. 75167
Date Received: 08/15/96
Time Received: 10:15
Sample Type: Soil

Date Collected: 08/12/96
Time Collected: 12:00

Analyte	Result	Det Limit	Units	Date	Time	Analyst	Method
Base/Neutral Extractable Organics (EPA 8270)							
Diethylphthalate	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Dimethylphthalate	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
2,4-Dinitrotoluene	BDL	15000	ug/kg	8/21/96	2034	DMB	8270
2,6-Dinitrotoluene	BDL	15000	ug/kg	8/21/96	2034	DMB	8270
Di-n-octylphthalate	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Fluoranthene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Fluorene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Hexachlorobenzene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Hexachlorobutadiene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Hexachlorocyclopentadiene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Hexachloroethane	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Indeno(1,2,3-cd)pyrene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Isophorone	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
2-Methylnaphthalene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Naphthalene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
2-Nitroaniline	BDL	37000	ug/kg	8/21/96	2034	DMB	8270
3-Nitroaniline	BDL	37000	ug/kg	8/21/96	2034	DMB	8270
4-Nitroaniline	BDL	37000	ug/kg	8/21/96	2034	DMB	8270
Nitrobenzene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
N-Nitrosodimethylamine	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
N-Nitrosodiphenylamine	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
N-Nitrosodi-n-propylamine	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Phenanthrene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
Pyrene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270
1,2,4-Trichlorobenzene	BDL	7400	ug/kg	8/21/96	2034	DMB	8270

Respectfully Submitted,


Project Manager

BDL - Below Detection Limit
Results reported on dry-weight basis

Analytical Services Inc. Batch QC
For Report Number :75167
Base Neutrals / Acids

Matrix : Soil/Sediment

Batch # 24093

Method : EPA 8270

Lab Control Information Analyte	LC %Rec	LCD %Rec	LC RPD	%Recovery Range	RPD Range
Phenol	68	67	2	26 - 90	0 - 35
2-Chlorophenol	66	66	1	25 - 102	0 - 50
1,4-Dichlorobenzene	70	70	0	28 - 104	0 - 27
N-Nitrosodipropylamine	84	83	1	41 - 126	0 - 38
1,2,4-Trichlorobenzene	76	74	3	38 - 107	0 - 23
4-Chloro-3-methylphenol	76	71	7	26 - 103	0 - 33
Acenaphthene	91	85	7	31 - 137	0 - 19
2,4-Dinitrotoluene	83	77	8	28 - 89	0 - 47
4-Nitrophenol	76	75	2	11 - 114	0 - 50
Pentachlorophenol	74	70	5	17 - 109	0 - 47
Pyrene	121	127	5	35 - 142	0 - 36

Matrix Spike Information Analyte	MS %Rec	MSD %Rec	MS RPD	%Recovery Range	RPD Range
Phenol	57	66	15	26 - 90	0 - 35
2-Chlorophenol	55	66	18	25 - 102	0 - 50
1,4-Dichlorobenzene	54	66	20	28 - 104	0 - 27
N-Nitrosodipropylamine	69	77	11	41 - 126	0 - 38
1,2,4-Trichlorobenzene	58	71	20	38 - 107	0 - 23
4-Chloro-3-methylphenol	61	77	23	26 - 103	0 - 33
Acenaphthene	69	82	17	31 - 137	0 - 19
2,4-Dinitrotoluene	71	82	14	28 - 89	0 - 47
4-Nitrophenol	61	89	38	11 - 114	0 - 50
Pentachlorophenol	66	76	14	17 - 109	0 - 47
Pyrene	119	126	6	35 - 142	0 - 36

Method : EPA 8270

S1	2-Fluorophenol	25 - 121
S2	Phenol-d5	24 - 113
S3	Nitrobenzene-d5	23 - 120
S4	2-Fluorobiphenyl	30 - 115
S5	2,4,6-Tribromophenol	19 - 122
S6	Terphenyl-d14	18 - 137

Sample	File	S1	S2	S3	S4	S5	S6
75049-1	B3910	55	67	64	66	66	78
24093BLK	B3930	58	79	75	87	75	110
24093LCS	B3931	60	72	78	90	88	127
24093LCSD	B3932	59	71	74	84	83	118
75069-1	B3940	37	49	87	74	78	64
^^Note: NEEDS 1:10 DILUTION							
75069-2D	B3941	58	79	75	75	53	62
^^Note: 1:10 DILUTION							
75127-1	B3943	50	65	70	75	62	91
75127-2	B3944	52	64	64	68	68	101
75127-3	B3945	51	63	63	60	62	117
75127-4	B3948	62	74	74	74	76	127
75127-3MS	B3946	51	51	61	64	72	128
75127-3MSD	B3947	63	62	77	79	84	121
75167D	B3942	34	44	146	73	69	69
^^Note: 1:10 DILUTION, MATRIX EFFECT							
75235	B3949	63	75	76	74	81	119
75226	B3950	70	78	80	82	82	110
75069-1D	B3955	51	71	93	79	78	74
^^Note: 1:10 DILUTION							
75243-1	B3958	42	60	57	65	63	99
75243-2	B3959	43	56	50	58	61	76
75243-3	B3960	30	38	46	44	45	71
75243-4	B3964	63	77	72	82	81	109
75243-4DUP	B3965	53	65	65	73	79	115
75225-1	B3966	42	53	71	39	32	6
^^Note: MATRIX EFFECT							
75199	B3974	68	96	94	90	112	83
75225-2	B3975	30	46	44	63	53	39
^^Note: 1:10 DILUTION							

Sample Batch Information
Base Neutrals / Acids Method : EPA 8270

Sample ID	Preparation			Preparation Notes	Analysis			Inst #
	Date	Time	By		Date	Time	By	
75069-1	08/19/96	1700	JQZ	SEE DILUTION	08/21/96	1918	DMB	5971
75069-2	08/19/96	1700	JQZ		/ /			
75199	08/19/96	1700	JQZ		08/23/96	1253	DMB	5971
75127-1	08/19/96	1700	JQZ	SEE DILUTION	08/20/96	2112	DMB	5971
75127-2	08/19/96	1700	JQZ		08/21/96	2150	DMB	5971
75127-3	08/19/96	1700	JQZ		08/21/96	2228	DMB	5971
75127-4	08/19/96	1700	JQZ	SEE DILUTION	08/22/96	1221	DMB	5971
75167	08/19/96	1700	JQZ		/ /			
74885AT1	08/19/96	1700	JQZ		/ /			
75049-1	08/19/96	1700	JQZ		08/21/96	1423	DMB	5971
75226	08/19/96	1700	JQZ		08/22/96	0138	DMB	5971
75235	08/19/96	1700	JQZ		08/22/96	1259	DMB	5971
75243-1	08/19/96	1300	AO		08/22/96	1524	DMB	5971
75243-2	08/19/96	1300	AO		08/22/96	1602	DMB	5971
75243-3	08/19/96	1300	AO		08/22/96	1640	DMB	5971
75243-4	08/19/96	1300	AO		08/22/96	1914	DMB	5971
75243-4DUP	08/19/96	1300	AO		08/22/96	1952	DMB	5971
75225-1	08/19/96	1300	AO		08/22/96	2030	DMB	5971
75225-2	08/19/96	1300	AO		08/23/96	1332	DMB	5971
24093BLK	08/19/96	1700	JQZ		08/21/96	1223	DMB	5971
24093LCS	08/19/96	1700	JQZ		08/21/96	1301	DMB	5971
24093LCSD	08/19/96	1700	JQZ		08/21/96	1339	DMB	5971
75069-2D	08/21/96	1600	DMB		08/21/96	1956	DMB	5971
75127-3MS	08/19/96	1700	JQZ		08/21/96	2306	DMB	5971
75127-3MSD	08/19/96	1700	JQZ		08/21/96	2343	DMB	5971
75167D	08/21/96	1600	DMB		08/21/96	2034	DMB	5971
75069-1D	08/21/96	1600	DMB		08/22/96	1327	DMB	5971

Analytical Services Inc. Batch QC
For Report Number :75167
Volatile Organics

Matrix : Soil/Sediment

Batch # 24103

Method : EPA 8020

Lab Control Information Analyte	LC %Rec	LCD %Rec	LC RPD	%Recovery Range	RPD Range
Benzene	107	109	1	39 - 150	0 - 20
Toluene	107	107	0	46 - 148	0 - 20
Ethylbenzene	108	109	1	32 - 160	0 - 20
Xylenes	108	109	1	71 - 133	0 - 20

Matrix Spike Information Analyte	MS %Rec	MSD %Rec	MS RPD	%Recovery Range	RPD Range
Benzene	124	110	12	39 - 150	0 - 20
Toluene	123	112	10	46 - 148	0 - 20
Ethylbenzene	117	104	11	32 - 160	0 - 20
Xylenes	120	107	11	71 - 133	0 - 20

Analytical Services Inc. Batch QC
 Surrogate Recovery
 Volatile Organics

Matrix : Soil/Sediment Batch # 24103

Method : EPA 8020

% Recovery Objectives

		50 - 150					
		Bromofluorobenzene					
		S1					
Sample	File	S1	S2	S3	S4	S5	S6
24103BLK1	081996050R	106					
75167	081996051R	105					
75227-1	081996053R	95					
75227-5	081996054R	99					
75227-7	081996055R	105					
75227-9	081996056R	87					
75227-2	081996057R	104					
^^Note: REANALYZE AT LESSER DILUTION							
75227-3	081996058R	96					
75227-6	081996059R	76					
75227-8	081996060R	84					
75227-10	081996061R	94					
^^Note: REANALYZE AT LESSER DILUTION							
75227-11	081996063R	98					
^^Note: REANALYZE AT LESSER DILUTION							
24103BLK2	082096068R	106					
24103LCS	082096069R	100					
24103LCSD	082096070R	100					
75227-7MS	082096071R	97					
75227-7MSD	082096072R	98					
75227-2RA	082096074R	91					
^^Note: REANALYSIS AT LESSER DILUTION							
75227-10RA	082096076R	90					
^^Note: REANALYSIS AT LESSER DILUTION							
75227-11RA	082096078R	95					
^^Note: REANALYSIS AT LESSER DILUTION							
75227-4	082096080R	98					
24103BLK3	082196084R	103					
75227-5DUP	082196085R	106					

Sample Batch Information
Volatile Organics Method : EPA 8020

Sample ID	Preparation		Preparation Notes	Analysis			Inst #
	Date	Time By		Date	Time	By	
75167	/	/		08/19/96	1144	BDL	VGC1
75227-1	/	/		08/19/96	1615	BDL	VGC1
75227-10	/	/		08/19/96	1116	BDL	VGC1
75227-11	/	/		08/20/96	0101	BDL	VGC1
75227-2	/	/		08/19/96	1946	BDL	VGC1
75227-3	/	/		08/19/96	2038	BDL	VGC1
75227-5	/	/		08/19/96	1708	BDL	VGC1
75227-6	/	/		08/19/96	2131	BDL	VGC1
75227-7	/	/		08/19/96	1801	BDL	VGC1
75227-8	/	/		08/19/96	2223	BDL	VGC1
75227-9	/	/		08/19/96	1853	BDL	VGC1
24103BLK1	/	/		08/19/96	1040	BDL	VGC1
24103BLK2	/	/		08/20/96	1334	BDL	VGC1
24103LCS	/	/		08/20/96	1447	BDL	VGC1
24103LCSD	/	/		08/20/96	1520	BDL	VGC1
75227-7MS	/	/		08/20/96	1618	BDL	VGC1
75227-7MSD	/	/		08/20/96	1711	BDL	VGC1
75227-2RA	/	/		08/20/96	1856	BDL	VGC1
75227-10RA	/	/		08/20/96	2041	BDL	VGC1
75227-11RA	/	/		08/20/96	2226	BDL	VGC1
24103BLK3	/	/		08/21/96	1028	BDL	VGC1
75227-5DUP	/	/		08/21/96	1511	BDL	VGC1
75227-4	/	/		08/21/96	0011	BDL	VGC1

Analytical Services Inc. Batch QC
For Report Number :75167

QC Batch General Information					
Batch Number	Analyte	Analysis Method	Matrix	Blank Result	Prep. Method

24046 TPH EPA 418.1M Soil < 1.0000

^^Note : BATCH PASSES ON LCS/LCSD DUE TO MATRIX INTERFERENCE

24052 TS EPA 160.3 Aq/Solid < 5.0000

^^Note : BATCH PASSES ON LCS/LCSD DUE TO HIGH DUP RPD

Lab Control Information							
Batch Number	Analyte	Method	LC %Rec	LCD %Rec	LC RPD	%Recovery Range	RPD Range

24046 TPH EPA 418.1M 98 105 7 75 - 125 0 - 50

24052 TS EPA 160.3 100 91 9 60 - 140 0 - 40

Matrix Spike Information							
Batch Number	Analyte	Method	MS %Rec	MSD %Rec	MS RPD	%Recovery Range	RPD Range

24046 TPH EPA 418.1M -36 *** 0 75 - 125 0 - 50

Unspiked Sample Duplicate Information					
Batch Number	Analyte	Method	Sample 1 RPD	Sample 2 RPD	RPD Range

24052 TS EPA 160.3 3 51 0 - 40

Sample Batch Information
Analysis : TPH

Sample ID	Preparation			Preparation Notes	Analysis			Inst
	Tag	Date	Time By		Date	Time	By	
24046BLK		08/16/96	1000 SEH		08/16/96	1200	SEH	
24046LCS		08/16/96	1000 SEH		08/16/96	1200	SEH	
24046LCSD		08/16/96	1000 SEH		08/16/96	1200	SEH	
75167MS		08/16/96	1000 SEH	1:25 DILUTION	08/16/96	1200	SEH	
75167MSD		08/16/96	1000 SEH	1:25 DILUTION	08/16/96	1200	SEH	
75167		08/16/96	1000 SEH	1:25 DILUTION	08/16/96	1200	SEH	

Sample Batch Information
Analysis : TS

Sample ID	Tag	Preparation		Preparation	Analysis			Inst
		Date	Time	By	Date	Time	By	
75133		/	/		08/16/96	1530	AB/ET	
75194-2		/	/		08/16/96	1530	AB/ET	
75157-6		/	/		08/16/96	1530	AB/ET	
75167		/	/		08/16/96	1530	AB/ET	
75156		/	/		08/16/96	1530	AB/ET	
75133DUP		/	/		08/16/96	1530	AB/ET	
24052LCS		/	/		08/16/96	1530	AB/ET	
24052LCSD		/	/		08/16/96	1530	AB/ET	
24052BLK		/	/		08/16/96	1530	AB/ET	
74999RR		/	/		08/16/96	1650	AB/JP	
74999DUPRR		/	/		08/16/96	1650	AB/JP	

#75167
Chain of Custody Record

LVI.

140445

[illegible]

Ecosys

receiving

Page 1 of 1
Due 8/21

[illegible]

Remarks:

FAXED

AUG 21 1996

Pages

✓ per at 10809a
Location: A-5

ECOSYS

LABORATORY SERVICES

ANALYTICAL REPORT

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

Anderson Columbia Env
Mr. David Black
2 Guerdon Road
Lake City, FL 32055
P: 1-904-755-1196 F: 1-904-758-9050

Client Code 19111880
Ledger Number 108096
P.O. Number
Date Received 08/14/96
Time Received 12:30
Reporting Date 08/21/96

Lab Sample ID AB37389 Client Site # SOIL
Project # 8101 Client Sample # 8101-TK56-51
Project Name FT STEWART DO0101
Sampling Date/Time 08/12/96 11:50

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment These results were reported on a wet weight basis.

SEMI (GC/MS) WATER

Prep Date 08/19/96

Batch 0819960004

8270B	N-NITROSODIMETHYLAMINE	\$06118	Below MDL	19800	ug/Kg	1980.0	62-75-9	GOR	08/19/96
8270B	ANILINE	\$06118	Below MDL	19800	ug/Kg	1980.0	62-53-3	GOR	08/19/96
8270B	PHENOL	\$06118	Below MDL	19800	ug/Kg	1980.0	108-95-2	GOR	08/19/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06118	Below MDL	19800	ug/Kg	1980.0	111-44-4	GOR	08/19/96
8270B	2-CHLOROPHENOL	\$06118	Below MDL	19800	ug/Kg	1980.0	95-57-8	GOR	08/19/96
8270B	1,3-DICHLOROBENZENE	\$06118	Below MDL	19800	ug/Kg	1980.0	541-73-1	GOR	08/19/96
8270B	1,4-DICHLOROBENZENE	\$06118	Below MDL	19800	ug/Kg	1980.0	106-46-7	GOR	08/19/96
8270B	BENZYL ALCOHOL	\$06118	Below MDL	19800	ug/Kg	1980.0	100-51-6	GOR	08/19/96
8270B	1,2-DICHLOROBENZENE	\$06118	Below MDL	19800	ug/Kg	1980.0	95-50-1	GOR	08/19/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06118	Below MDL	19800	ug/Kg	1980.0	108-60-1	GOR	08/19/96
8270B	2-METHYLPHENOL	\$06118	Below MDL	19800	ug/Kg	1980.0	95-48-7	GOR	08/19/96
8270B	4-METHYLPHENOL	\$06118	Below MDL	19800	ug/Kg	1980.0	106-44-5	GOR	08/19/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06118	Below MDL	19800	ug/Kg	1980.0	621-64-7	GOR	08/19/96
8270B	HEXACHLOROETHANE	\$06118	Below MDL	19800	ug/Kg	1980.0	67-72-1	GOR	08/19/96
8270B	NITROBENZENE	\$06118	Below MDL	19800	ug/Kg	1980.0	98-95-3	GOR	08/19/96
8270B	ISOPHORONE	\$06118	Below MDL	19800	ug/Kg	1980.0	78-59-1	GOR	08/19/96
8270B	2-NITROPHENOL	\$06118	Below MDL	39600	ug/Kg	1980.0	88-75-5	GOR	08/19/96
8270B	2,4-DIMETHYLPHENOL	\$06118	Below MDL	19800	ug/Kg	1980.0	105-67-9	GOR	08/19/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06118	Below MDL	19800	ug/Kg	1980.0	111-91-1	GOR	08/19/96
8270B	2,4-DICHLOROPHENOL	\$06118	Below MDL	19800	ug/Kg	1980.0	120-83-2	GOR	08/19/96
8270B	1,2,4-TRICHLOROBENZENE	\$06118	Below MDL	19800	ug/Kg	1980.0	120-82-1	GOR	08/19/96
8270B	BENZOIC ACID	\$06118	Below MDL	99000	ug/Kg	1980.0	65-85-0	GOR	08/19/96
8270B	NAPHTHALENE	\$06118	Below MDL	19800	ug/Kg	1980.0	91-20-3	GOR	08/19/96
8270B	4-CHLOROANILINE	\$06118	Below MDL	19800	ug/Kg	1980.0	106-47-8	GOR	08/19/96
8270B	HEXACHLOROBUTADIENE	\$06118	Below MDL	19800	ug/Kg	1980.0	87-68-3	GOR	08/19/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06118	Below MDL	19800	ug/Kg	1980.0	59-50-7	GOR	08/19/96
8270B	2-METHYLNAPHTHALENE	\$06118	Below MDL	19800	ug/Kg	1980.0	91-57-6	GOR	08/19/96

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AUG 21 1996
#Pages

Project Name	FT STEWART DC	
Sampling Date/Time	08/12/96	11:50

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE
Sample Comment These results were reported on a wet weight basis.									
SEMI (GC/MS) WATER									
Prep Date 08/19/96 Batch 0819960004									
8270B	HEXACHLOROCYCLOPENTADIENE	\$06118	Below MDL	19800	ug/Kg	1980.0	77-47-4	GOR	08/19/96
8270B	2,4,6-TRICHLOROPHENOL	\$06118	Below MDL	19800	ug/Kg	1980.0	88-06-2	GOR	08/19/96
8270B	2,4,5-TRICHLOROPHENOL	\$06118	Below MDL	19800	ug/Kg	1980.0	95-95-4	GOR	08/19/96
8270B	2-CHLORONAPHTHALENE	\$06118	Below MDL	19800	ug/Kg	1980.0	91-58-7	GOR	08/19/96
8270B	2-NITROANILINE	\$06118	Below MDL	19800	ug/Kg	1980.0	88-74-4	GOR	08/19/96
8270B	DIMETHYL PHTHALATE	\$06118	Below MDL	19800	ug/Kg	1980.0	131-11-3	GOR	08/19/96
8270B	ACENAPHTHYLENE	\$06118	Below MDL	19800	ug/Kg	1980.0	208-96-8	GOR	08/19/96
8270B	2,6-DINITROTOLUENE	\$06118	Below MDL	19800	ug/Kg	1980.0	606-20-2	GOR	08/19/96
8270B	3-NITROANILINE	\$06118	Below MDL	19800	ug/Kg	1980.0	99-09-2	GOR	08/19/96
8270B	ACENAPHTHENE	\$06118	Below MDL	19800	ug/Kg	1980.0	83-32-9	GOR	08/19/96
8270B	2,4-DINITROPHENOL	\$06118	Below MDL	99000	ug/Kg	1980.0	51-28-5	GOR	08/19/96
8270B	4-NITROPHENOL	\$06118	Below MDL	99000	ug/Kg	1980.0	100-02-7	GOR	08/19/96
8270B	DIBENZOFURAN	\$06118	Below MDL	19800	ug/Kg	1980.0	132-64-9	GOR	08/19/96
8270B	2,4-DINITROTOLUENE	\$06118	Below MDL	19800	ug/Kg	1980.0	121-14-2	GOR	08/19/96
8270B	DIETHYL PHTHALATE	\$06118	Below MDL	19800	ug/Kg	1980.0	84-66-2	GOR	08/19/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06118	Below MDL	19800	ug/Kg	1980.0	7005-72-3	GOR	08/19/96
8270B	FLUORENE	\$06118	Below MDL	19800	ug/Kg	1980.0	86-73-7	GOR	08/19/96
8270B	4-NITROANILINE	\$06118	Below MDL	19800	ug/Kg	1980.0	100-01-6	GOR	08/19/96
8270B	4,6-DINITRO-2-METHYLPHENOL	\$06118	Below MDL	99000	ug/Kg	1980.0	534-52-1	GOR	08/19/96
8270B	N-NITROSODIPHENYLAMINE	\$06118	Below MDL	19800	ug/Kg	1980.0	86-30-6	GOR	08/19/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$06118	Below MDL	19800	ug/Kg	1980.0	101-55-3	GOR	08/19/96
8270B	HEXACHLOROBENZENE	\$06118	Below MDL	19800	ug/Kg	1980.0	118-74-1	GOR	08/19/96
8270B	PENTACHLOROPHENOL	\$06118	Below MDL	99000	ug/Kg	1980.0	87-86-5	GOR	08/19/96
8270B	PHENANTHRENE	\$06118	Below MDL	19800	ug/Kg	1980.0	85-01-8	GOR	08/19/96
8270B	ANTHRACENE	\$06118	Below MDL	19800	ug/Kg	1980.0	120-12-7	GOR	08/19/96
8270B	DI-N-BUTYL PHTHALATE	\$06118	Below MDL	19800	ug/Kg	1980.0	84-74-2	GOR	08/19/96
8270B	FLUORANTHENE	\$06118	Below MDL	19800	ug/Kg	1980.0	206-44-0	GOR	08/19/96
8270B	BENZIDINE	\$06118	Below MDL	158400	ug/Kg	1980.0	92-87-5	GOR	08/19/96
8270B	PYRENE	\$06118	Below MDL	19800	ug/Kg	1980.0	129-00-0	GOR	08/19/96
8270B	BUTYL BENZYL PHTHALATE	\$06118	Below MDL	19800	ug/Kg	1980.0	85-68-7	GOR	08/19/96
8270B	3,3'-DICHLOROBENZIDINE	\$06118	Below MDL	19800	ug/Kg	1980.0	91-94-1	GOR	08/19/96
8270B	BENZ(A)ANTHRACENE	\$06118	Below MDL	19800	ug/Kg	1980.0	56-55-3	GOR	08/19/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06118	Below MDL	39600	ug/Kg	1980.0	117-81-7	GOR	08/19/96
8270B	CHRYSENE	\$06118	Below MDL	19800	ug/Kg	1980.0	218-01-9	GOR	08/19/96
8270B	DI-N-OCTYL PHTHALATE	\$06118	Below MDL	19800	ug/Kg	1980.0	117-84-0	GOR	08/19/96
8270B	BENZO(B)FLUORANTHENE	\$06118	Below MDL	19800	ug/Kg	1980.0	205-99-2	GOR	08/19/96
8270B	BENZO(K)FLUORANTHENE	\$06118	Below MDL	19800	ug/Kg	1980.0	207-08-9	GOR	08/19/96
8270B	BENZO(A)PYRENE	\$06118	Below MDL	19800	ug/Kg	1980.0	50-32-8	GOR	08/19/96
8270B	INDENO(1,2,3-CD)PYRENE	\$06118	Below MDL	19800	ug/Kg	1980.0	193-39-5	GOR	08/19/96
8270B	DIBENZ(A,H)ANTHRACENE	\$06118	Below MDL	19800	ug/Kg	1980.0	53-70-5	GOR	08/19/96
8270B	BENZO(G,H,I)PERYLENE	\$06118	Below MDL	19800	ug/Kg	1980.0	191-24-2	GOR	08/19/96
8270B	1,2-DIPHENYL-HYDRAZINE	\$06118	Below MDL	19800	ug/Kg	60.0	122-66-7	GOR	08/19/96
(GC) SOIL									
Prep Date 08/15/96									
A	BENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0			
Batch 081596BS									
#Pages 11.43									
AUG 21 1996									
--DTA-- 08/15/96									

Lab Sample ID AB37389
Project # 8101
Project Name FT STEWART DO0101
Sampling Date/Time 08/12/96 11:50

Client Site # SOIL
Client Sample # 8101-TK56-51

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment These results were reported on a wet weight basis.

BTEX (GC) SOIL

Prep Date 08/15/96

Batch 081596BS

8020A	TOLUENE	\$08006	Below MDL	1.0	ug/Kg	1.0	108-88-3	DTA	08/15/96
8020A	ETHYLBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	100-41-4	DTA	08/15/96
8020A	XYLENES (TOTAL)	\$08006	Below MDL	1.0	ug/Kg	1.0	1330-20-7	DTA	08/15/96
8020A	CHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	108-90-7	DTA	08/15/96
8020A	1,2-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	95-50-1	DTA	08/15/96
8020A	1,3-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	541-73-1	DTA	08/15/96
8020A	1,4-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	108-46-7	DTA	08/15/96
8020A	TERT-METHYLBUTYL ETHER	\$08006	Below MDL	1.0	ug/Kg	1.0	1634-04-4	DTA	08/15/96

Prep Date 08/16/96

Batch 081696

418.1	TPH (FTIR) SOIL	08008	4600	50	mg/Kg	10.0		ML	08/16/96
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Prep Date 08/15/96

Batch 081596

160.3	% TOTAL SOLIDS SOIL (N/C)	09099	85.6	0.1	%	1.0		MN	08/15/96
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Lab Sample ID AB37390
Project # 8101
Project Name FT STEWART DO0101
Sampling Date/Time 08/12/96 12:00

Client Site # SOIL
Client Sample # 8101-TK56-52

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment These results were reported on a wet weight basis.

SEMI (GC/MS) WATER

Prep Date 08/19/96

Batch 0819960004

8270B	N-NITROSODIMETHYLAMINE	\$06118	Below MDL	19800	ug/Kg	60.0	62-75-9	GOR	08/19/96
8270B	ANILINE	\$06118	Below MDL	19800	ug/Kg	60.0	62-53-3	GOR	08/19/96
8270B	PHENOL	\$06118	Below MDL	19800	ug/Kg	60.0	108-95-2	GOR	08/19/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06118	Below MDL	19800	ug/Kg	60.0	111-44-4	GOR	08/19/96
8270B	2-CHLOROPHENOL	\$06118	Below MDL	19800	ug/Kg	60.0	95-57-8	GOR	08/19/96
8270B	1,3-DICHLOROBENZENE	\$06118	Below MDL	19800	ug/Kg	60.0	541-73-1	GOR	08/19/96
8270B	1,4-DICHLOROBENZENE	\$06118	Below MDL	19800	ug/Kg	60.0	106-46-7	GOR	08/19/96
8270B	BENZYL ALCOHOL	\$06118	Below MDL	19800	ug/Kg	60.0	100-51-6	GOR	08/19/96
8270B	1,2-DICHLOROBENZENE	\$06118	Below MDL	19800	ug/Kg	60.0	95-50-1	GOR	08/19/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06118	Below MDL	19800	ug/Kg	60.0	108-60-1	GOR	08/19/96
8270B	2-METHYLPHENOL	\$06118	Below MDL	19800	ug/Kg	60.0	95-48-7	GOR	08/19/96
8270B	4-METHYLPHENOL	\$06118	Below MDL	19800	ug/Kg	60.0	106-44-5	GOR	08/19/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06118	Below MDL	19800	ug/Kg	60.0	621-94-7	GOR	08/19/96
8270B	HEXACHLOROETHANE	\$06118	Below MDL	19800	ug/Kg	60.0	67-12-1	GOR	08/19/96
8270B	NITROBENZENE	\$06118	Below MDL	19800	ug/Kg	60.0	98-95-3	GOR	08/19/96
8270B	ISOPHORONE	\$06118	Below MDL	19800	ug/Kg	60.0	7449-21-9	GOR	08/19/96
8270B	2-NITROPHENOL	\$06118	Below MDL	39600	ug/Kg	60.0	88-75-5	GOR	08/19/96
8270B	2,4-DIMETHYLPHENOL	\$06118	Below MDL	19800	ug/Kg	60.0	105-67-9	GOR	08/19/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06118	Below MDL	19800	ug/Kg	60.0	111-91-1	GOR	08/19/96

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Aug 21 1996
Pages 2

Lab Sample ID AB37390
Project # 8101
Project Name FT STEWART DO0101
Sampling Date/Time 08/12/96 12:00

Client Site # SOIL
Client Sample # 8101-TK56-52

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE
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Sample Comment These results were reported on a wet weight basis.

SEMI (GC/MS) WATER

Prep Date 08/19/96

Batch 0819960004

8270B	2,4-DICHLOROPHENOL	\$06118	Below MDL	19800	ug/Kg	60.0	120-83-2	GOR	08/19/96
8270B	1,2,4-TRICHLORO BENZENE	\$06118	Below MDL	19800	ug/Kg	60.0	120-82-1	GOR	08/19/96
8270B	BENZOIC ACID	\$06118	Below MDL	99000	ug/Kg	60.0	65-85-0	GOR	08/19/96
8270B	NAPHTHALENE	\$06118	Below MDL	19800	ug/Kg	60.0	91-20-3	GOR	08/19/96
8270B	4-CHLOROANILINE	\$06118	Below MDL	19800	ug/Kg	60.0	106-47-8	GOR	08/19/96
8270B	HEXACHLORO BUTADIENE	\$06118	Below MDL	19800	ug/Kg	60.0	87-68-3	GOR	08/19/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06118	Below MDL	19800	ug/Kg	60.0	59-50-7	GOR	08/19/96
8270B	2-METHYLNAPHTHALENE	\$06118	Below MDL	19800	ug/Kg	60.0	91-57-6	GOR	08/19/96
8270B	HEXACHLORO CYCLOPENTADIENE	\$06118	Below MDL	19800	ug/Kg	60.0	77-47-4	GOR	08/19/96
8270B	2,4,6-TRICHLOROPHENOL	\$06118	Below MDL	19800	ug/Kg	60.0	88-06-2	GOR	08/19/96
8270B	2,4,5-TRICHLOROPHENOL	\$06118	Below MDL	19800	ug/Kg	60.0	95-95-4	GOR	08/19/96
8270B	2-CHLORONAPHTHALENE	\$06118	Below MDL	19800	ug/Kg	60.0	91-58-7	GOR	08/19/96
8270B	2-NITROANILINE	\$06118	Below MDL	19800	ug/Kg	60.0	88-74-4	GOR	08/19/96
8270B	DIMETHYL PHTHALATE	\$06118	Below MDL	19800	ug/Kg	60.0	131-11-3	GOR	08/19/96
8270B	ACENAPHTHYLENE	\$06118	Below MDL	19800	ug/Kg	60.0	208-96-8	GOR	08/19/96
8270B	2,6-DINITROTOLUENE	\$06118	Below MDL	19800	ug/Kg	60.0	606-20-2	GOR	08/19/96
8270B	3-NITROANILINE	\$06118	Below MDL	19800	ug/Kg	60.0	99-09-2	GOR	08/19/96
8270B	ACENAPHTHENE	\$06118	Below MDL	19800	ug/Kg	60.0	83-32-9	GOR	08/19/96
8270B	2,4-DINITROPHENOL	\$06118	Below MDL	19800	ug/Kg	60.0	51-28-5	GOR	08/19/96
8270B	4-NITROPHENOL	\$06118	Below MDL	99000	ug/Kg	60.0	100-02-7	GOR	08/19/96
8270B	DIBENZOFURAN	\$06118	Below MDL	19800	ug/Kg	60.0	132-84-9	GOR	08/19/96
8270B	2,4-DINITROTOLUENE	\$06118	Below MDL	19800	ug/Kg	60.0	121-14-2	GOR	08/19/96
8270B	DIETHYL PHTHALATE	\$06118	Below MDL	19800	ug/Kg	60.0	84-66-2	GOR	08/19/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06118	Below MDL	19800	ug/Kg	60.0	7005-72-3	GOR	08/19/96
8270B	FLUORENE	\$06118	Below MDL	19800	ug/Kg	60.0	86-73-7	GOR	08/19/96
8270B	4-NITROANILINE	\$06118	Below MDL	19800	ug/Kg	60.0	100-01-6	GOR	08/19/96
8270B	4,6-DINITRO-2-METHYLPHENOL	\$06118	Below MDL	99000	ug/Kg	60.0	534-52-1	GOR	08/19/96
8270B	N-NITROSODIPHENYLAMINE	\$06118	Below MDL	19800	ug/Kg	60.0	86-30-6	GOR	08/19/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$06118	Below MDL	19800	ug/Kg	60.0	101-55-3	GOR	08/19/96
8270B	HEXACHLOROBENZENE	\$06118	Below MDL	19800	ug/Kg	60.0	118-74-1	GOR	08/19/96
8270B	PENTACHLOROPHENOL	\$06118	Below MDL	99000	ug/Kg	60.0	87-86-5	GOR	08/19/96
8270B	PHENANTHRENE	\$06118	Below MDL	19800	ug/Kg	60.0	85-01-8	GOR	08/19/96
8270B	ANTHRACENE	\$06118	Below MDL	19800	ug/Kg	60.0	120-12-7	GOR	08/19/96
8270B	DI-N-BUTYL PHTHALATE	\$06118	Below MDL	19800	ug/Kg	60.0	84-74-2	GOR	08/19/96
8270B	FLUORANTHENE	\$06118	Below MDL	19800	ug/Kg	60.0	206-44-0	GOR	08/19/96
8270B	BENZIDINE	\$06118	Below MDL	158400	ug/Kg	60.0	92-87-5	GOR	08/19/96
8270B	PYRENE	\$06118	Below MDL	19800	ug/Kg	60.0	129-00-0	GOR	08/19/96
8270B	BUTYL BENZYL PHTHALATE	\$06118	Below MDL	19800	ug/Kg	60.0	85-68-7	GOR	08/19/96
8270B	3,3'-DICHLOROBENZIDINE	\$06118	Below MDL	19800	ug/Kg	60.0	91-94-1	GOR	08/19/96
8270B	BENZ(A)ANTHRACENE	\$06118	Below MDL	19800	ug/Kg	60.0	56-55-3	GOR	08/19/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06118	Below MDL	39600	ug/Kg	60.0	117-81-7	GOR	08/19/96
8270B	CHRYSENE	\$06118	Below MDL	19800	ug/Kg	60.0	218-01-9	GOR	08/19/96
8270B	DI-N-OCTYL PHTHALATE	\$06118	Below MDL	19800	ug/Kg	60.0	117-84-0	GOR	08/19/96
8270B	BENZO(B)FLUORANTHENE	\$06118	Below MDL	19800	ug/Kg	60.0	205-99-2	GOR	08/19/96

Pages

Lab Sample ID AB37390
Project # 8101
Project Name FT STEWART DO0101
Sampling Date/Time 08/12/96 12:00

Client Site # SOIL
Client Sample # 8101-TK56-52

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
Sample Comment These results were reported on a wet weight basis.									
SEMI (GC/MS) WATER				Prep Date 08/19/96			Batch 0819960004		
8270B	BENZO(K)FLUORANTHENE	\$06118	Below MDL	19800	ug/Kg	60.0	207-08-9	GOR	08/19/96
8270B	BENZO(A)PYRENE	\$06118	Below MDL	19800	ug/Kg	60.0	50-32-8	GOR	08/19/96
8270B	INDENO(1,2,3-CD)PYRENE	\$06118	Below MDL	19800	ug/Kg	60.0	193-39-5	GOR	08/19/96
8270B	DIBENZ(A,H)ANTHRACENE	\$06118	Below MDL	19800	ug/Kg	60.0	53-70-3	GOR	08/19/96
8270B	BENZO(G,H,I)PERYLENE	\$06118	Below MDL	19800	ug/Kg	60.0	191-24-2	GOR	08/19/96
8270B	1,2-DIPHENYL-HYDRAZINE	\$06118	Below MDL	600	ug/Kg	60.0	122-66-7	GOR	08/19/96
BTX (GC) SOIL				Prep Date 08/15/96			Batch 081596BS		
8020A	BENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	71-43-2	DTA	08/15/96
8020A	TOLUENE	\$08006	Below MDL	1.0	ug/Kg	1.0	108-88-3	DTA	08/15/96
8020A	ETHYLBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	100-41-4	DTA	08/15/96
8020A	XYLENES (TOTAL)	\$08006	Below MDL	1.0	ug/Kg	1.0	1330-20-7	DTA	08/15/96
8020A	CHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	108-90-7	DTA	08/15/96
8020A	1,2-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	95-50-1	DTA	08/15/96
8020A	1,3-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	541-73-1	DTA	08/15/96
8020A	1,4-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	106-46-7	DTA	08/15/96
8020A	TERT-METHYLBUTYL ETHER	\$08006	Below MDL	1.0	ug/Kg	1.0	1634-04-4	DTA	08/15/96
				Prep Date 08/16/96			Batch 081696		
3.1	TPH (FTIR) SOIL	08008	39300	500	mg/Kg	100.0		ML	08/16/96
				Prep Date 08/15/96			Batch 081596		
160.3	% TOTAL SOLIDS SOIL (N/C)	09099	88.0	0.1	%	1.0		MN	08/15/96

Lab Sample ID AB37391
Project # 8101
Project Name FT STEWART DO0101
Sampling Date/Time / / :

Client Site #
Client Sample # TEMP VIAL

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
Prep Date 08/14/96 Batch 081496									
Temperature at receiving time:		TEMP	4		oC	1.0		QN	08/14/96


Certifying Scientist

Organics and Inorganics In Wastewater, Solids, and Wastes

NC-DEHNR 441, SC-DHEC 96013, 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
NLR 1283-1

ISO 9000
A2LA:0594-01

EPA ID
GA-00058

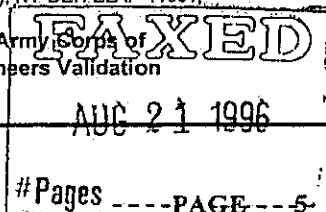
EPA Reg Waste
GA-0001011006

GA APHIS
S-3966

Fed Lab ID
58-188334

US Army Corps of Engineers Validation

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TAB 9

MANIFESTS

REYNOLDS CONSTRUCTION COMPANY

Highway 84 • P. O. Box 749

Ludowici, Georgia 31316

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

Date 7/12/96 1996 Load No. 60
Customer TRR 124 Description PCS
Project Number PT Stewart Location Liberty
County

36020 1b Net

20140 1b Tare

56160 1b+ Gross

06:26 PM AU 29 96

Shuck
Signature of Weigher

TONS:

18.01

TOTAL TONS:

1085.00
976.10

Hendrix
TRUCKER

02
TRUCK NO.

[Signature]
DRIVER

TICKET NO. 60104

NON-HAZARDOUS WASTE MANIFEST		Manifest Document No. 0.0.0.5.9	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 b. c. d.			8. Containers No.	Type	9. Total Quantity	10. Unit Wt/Vol
			1	TT	18.00	CY
			.	.	.	.
			.	.	.	.
			.	.	.	.
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 <i>Tom Fry</i>		Month Day Year 8 29 96	
13. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name THOMAS B EGGERS			Signature <i>Thomas B Eggers</i>		Month Day Year 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 <i>Charles Pruitt</i>		Month Day Year 8 29 96	

GENERATOR

TRANSPORTER

FACILITY

BY

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.	59
Customer	Triple R. Inc.	Description	Pcs
Project Number	RRR-104		
Location	Liberty	County	

30680 lb Net

21220 lb Tare

51900 lb+ Gross

06:24 PM AU 29 96

Signature of Weigher

TONS:

15.34

TOTAL TONS:

1066.99
958.09

TRUCKER

DRIVER

TRUCK NO.

TICKET NO. 60103

NON-HAZARDOUS WASTE MANIFEST		Manifest Document No. 00061		1. Page 1 of	
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.	9. Total Quantity
a. Petroleum Contaminated Soil				1	18.00
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 <i>Tom Fry</i>		Month Day Year 10.8.12.9.96
13. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>Antony Recard</i>			Signature <i>Antony Recard</i>		Month Day Year 1.12.9.96
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 <i>Charles Pruitt</i>			Signature <i>Charles Pruitt</i>		Month Day Year 10.29.96

GENERATOR

TRANSPORTER

FACILITY

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. 38
Triple R. Mgt Pcs
Customer PRR-104 Description _____
Project Number Stewart Liberty
Location _____ County _____

~~00 lb Net~~
~~59040 lb Tare~~
~~59040 lb+ Gross~~
~~06:21 PM AU 29 96~~

~~35300 lb Net~~
~~23760 lb Tare~~
~~59060 lb+ Gross~~
~~06:22 PM AU 29 96~~

Chalk
Signature of Weigher

TONS: 17.65

TOTAL TONS: 1051.65
942.75

Idendrix
TRUCKER

37
TRUCK NO.

by MHA
DRIVER

TICKET NO. 60102

NON-HAZARDOUS WASTE MANIFEST		Manifest Document No. 00060	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 b. c. d.		8. Containers No.	Type	9. Total Quantity	10. Unit Wt/Vol
		1	TT	18.00	CY
		.	.	.	.
		.	.	.	.
		.	.	.	.
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 <i>Tom Fry</i>		Month Day Year 10.8.29.96
13. Transporter 1 Acknowledgement of Receipt of Materials			Printed/Typed Name GEORGE H SUTTON		Signature <i>George Sutton</i>
14. Transporter 2 Acknowledgement of Receipt of Materials			Printed/Typed Name		Signature
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 <i>Charles Pruitt</i>		Month Day Year 10.12.96

GENERATOR

TRANSPORTER

FACILITY

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.	57
Customer	Triple R. Mnt	Description	Res
Project Number	KRR 104	Liberty	
Location	Black Mountain	County	

31060 lb Net

20420 lb Tare

51480 lb+ Gross

06:18 PM AU 29 96

Signature of Weigher

TONS:

15.53

TOTAL TONS:

1034.00
995.16

TRUCKER

DRIVER

TRUCK NO.

TICKET NO.

60101

NON-HAZARDOUS WASTE MANIFEST		Manifest Document No. <i>00054</i>	1. Page 1 of <i>1</i>	
2. Generator's Name and Mailing Address <i>Ft. Stewart</i> <i>Hinesville, GA 31313</i>				
3. Generator's Phone (<i>912</i>) <i>234-6579</i>				
4. Transporter 1 Company Name <i>Hendricks Hauling</i>				
5. Transporter 2 Company Name				
6. Designated Facility Name and Site Address <i>Triple R Management, Inc. C/O Reynolds Construction Co.</i> <i>Rt. 84</i> <i>Ludowici GA 31316</i>			A. Transporter's Phone <i>912-427-6758</i>	
			B. Transporter's Phone	
			C. Facility's Phone <i>912-756-3655</i>	
7. Waste Shipping Name and Description		8. Containers No. Type	9. Total Quantity	10. Unit Wt/Vol
a. <i>Petroleum Contaminated Soil</i>		<i>1</i> <i>TT</i>	<i>18.00</i>	<i>CY</i>
b.		. . .		
c.		. . .		
d.		. . .		
J. Additional Descriptions for Materials Listed Above			E. Handling Codes for Wastes Listed Above	
11. Special Handling Instructions and Additional Information <i>8101</i> <i>Tank# _____</i>				
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 <i>TOM FRY</i>		Signature <i>Tom Fry</i>		Month Day Year <i>08 28 96</i>
13. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name <i>THOMAS WILLIAMSON</i>		Signature <i>Thomas Williamson</i>		Month Day Year <i>8 29 96</i>
14. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature		Month Day Year . . .
15. Discrepancy Indication Space				
6. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.				
Printed/Typed Name <i>Charles Pruitt</i>		Signature <i>Charles Pruitt</i>		Month Day Year <i>8 29 96</i>

GENERATOR

TRANSPORTER

FACILITY

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.	15
Customer	Triple R. Maint	Description	Pcs
Project Number	RRR 104	County	Liberty
Location	St. Lawrence		

35880 1b Net

20140 1b Tare

56020 1b+ Gross

12:26 PM AU 29 96

Signature of Weigher

TONS:

17.94

TOTAL TONS:

272.19
161.02

TRUCKER

TRUCK NO.

DRIVER

TICKET NO.

60055

NON-HAZARDOUS WASTE MANIFEST		Manifest Document No. <i>0000-25</i>		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.	9. Total Quantity
a. Petroleum Contaminated Soil				1	18.00
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 <i>TOM FRY</i>			Signature <i>Tom Fry</i>		Month Day Year <i>08 28 96</i>
13. Transporter 1 Acknowledgement of Receipt of Materials			Signature <i>Thomas Eggers</i>		Month Day Year <i>8 29 96</i>
14. Transporter 2 Acknowledgement of Receipt of Materials			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 <i>Charles Pruitt</i>			Signature <i>Charles Pruitt</i>		Month Day Year <i>8 29 96</i>

GENERATOR

TRANSPORTER

FACILITY

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. 116
Triple R. Mat Pes
Customer RRR 104 Description
Project Number AA Stewart Liberty
Location County

44140 lb Net

20140 lb Tare

64280 lb+ Gross

12:28 PM AU 29 96

~~**44140 lb Net**~~~~20140 lb Tare~~~~64280 lb+ Gross~~~~12:28 PM AU 29 96~~Chuck
Signature of WeigherTONS: 22.07TOTAL TONS: 294.26
183.09

TRUCKER

DRIVER

TRUCK NO. #1TICKET NO. 60056

#-1

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

NON-HAZARDOUS WASTE MANIFEST		Manifest Document No. 000024		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.	9. Total Quantity
a. Petroleum Contaminated Soil				1	18.00
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 <i>Tom Fry</i>		Month Day Year 10 29 96
13. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Grubbs Vernon L			Signature <i>Vernon L Grubbs</i>		Month Day Year 10 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 <i>Charles Pruitt</i>		Month Day Year 10 29 96

GENERATOR

TRANSPORTER

FACILITY

BY

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.	17
Customer	Triple R. Mgmt.	Description	Pes
Project Number	KRR 104		
Location	Ft. Stewart	County	Liberty

30740 lb Net

20420 lb Tare

51160 lb+ Gross

12:39 PM AU 29 96

Signature of Weigher

TONS:

15.37

TOTAL TONS:

309.63
~~316.63~~

TRUCKER

TRUCK NO.

DRIVER

TICKET NO.

60057

NON-HAZARDOUS WASTE MANIFEST		Manifest Document No. 99007	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 b. c. d.		8. Containers No.	Type	9. Total Quantity	10. Unit Wt/Vol
		1	TT	18.00	CY
		.	.	.	.
		.	.	.	.
		.	.	.	.
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 PRY			Signature <i>Tom Pry</i>		Month Day Year 10/5/28/96
13. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name THOMAS WILLIAMSON			Signature <i>Thomas Williamson</i>		Month Day Year 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 <i>Charles Pruitt</i>		Month Day Year 18/29/96

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. 151
Triple R myd Pcs
Customer RRR - Jan Description _____
Project Number RRR - Jan Liberty
Location _____ County _____

39220 lb Net

20140 lb Tare

59360 lb+ Gross

12:22 PM AU 29 96

Chalk

Signature of Weigher

TONS

19.61

TOTAL TONS

254.25
234.64

TRUCKER

DRIVER

Wendy
Bill B.

TRUCK NO.

TICKET NO.

44

60054

NON-HAZARDOUS WASTE MANIFEST		Manifest Document No. 00003	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 <i>Tom Fry</i>		Month 08	Day 29	Year 96
13. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name RAYMOND G. BACA			Signature <i>Raymond G. Baca</i>		Month 8	Day 29	Year 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 <i>Charles Pruitt</i>		Month 8	Day 29	Year 96

GENERATOR

TRANSPORTER

FACILITY

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.	27
Customer	Triple R. Mgt	Description	Res
Project Number	RRR 134		
Location	Ft Stewart	County	Liberty

28820 lb Net

21220 lb Tare

50040 lb+ Gross

01:56 PM AU 29 96

Chuck
Signature of Weigher

TONS: 111.11

TOTAL TONS: 49.40
~~38.48~~

Hendry
TRUCKER

45
TRUCK NO.

Chris Harris
DRIVER

TICKET NO. 60070

45

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

NON-HAZARDOUS WASTE MANIFEST		Manifest Document No. 000016	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 10/5/28/96
13. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name Anthony R. ...		Signature Anthony R. ...		Month Day Year 10/5/28/96
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 10/8/29/96

GENERATOR

TRANSPORTER

FACILITY

TYPE

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.	38
Customer	Tript R. Mgmt	Description	Res
Project Number	RRR 104		
Location	H. Howard	County	Liberty

32780 lb Net

20780 lb Tare

53560 lb+ Gross

02:18 PM AU 29 96

Signature of Weigher

TONS

Net 39

TOTAL TONS

507.79
~~398.89~~

TRUCKER

Idenclis

TRUCK NO.

K-393

DRIVER

Handwritten signature

TICKET NO.

60071

NON-HAZARDOUS WASTE MANIFEST		Manifest Document No. 00030	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
a. Petroleum Contaminated Soil			1	TT
b.			.	.
c.			.	.
d.			.	.
9. Total Quantity			18.00	
10. Unit Wt/Vol			CY	
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 <i>Tom Fry</i>		Month Day Year 10.5.1996
13. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Robert Henry Jr</i>		Month Day Year 10.8.1996
14. Transporter 2 Acknowledgement of Receipt of Materials		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 <i>Charles Pruitt</i>		Month Day Year 10.8.1996

GENERATOR

TRANSPORTER

FACILITY

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

Load No.

Customer

Description

Project Number

Location

County

35660 lb Net

20140 lb Tare

55800 lb+ Gross

02:23 PM AU 29 96

Signature of Weigher

TONS:

TOTAL TONS:

TRUCKER

TRUCK NO.

DRIVER

TICKET NO.

NON-HAZARDOUS WASTE MANIFEST		Manifest Document No. 00033	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 <i>Tom Fry</i>		Month Day Year 05 28 96
13. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name THOMAS B EGGERS			Signature <i>Thomas B Eggers</i>		Month Day Year 07 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 <i>Charles Pruitt</i>		Month Day Year 08 29 96

GENERATOR

TRANSPORTER

FACILITY

TY

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 10/19/96

Load No. 30

Customer Triple R Mgt

Description Pcs

Project Number WRR 104

County Liberty

Location Stewart

County Liberty

33640 1b Net

20160 1b Tare

53800 1b+ Gross

02:57 PM AU 29 96

Signature of Weigher [Signature]

TONS: 16.82

TOTAL TONS: 547.44
433.52

TRUCKER [Signature]

TRUCK NO. W-91

DRIVER Wendell Davis

TICKET NO. 60073

NON-HAZARDOUS WASTE MANIFEST		Manifest Document No. 00028	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 <i>Tom Fry</i> Month Day Year 10/8/28/96	
13. Transporter 1 Acknowledgement of Receipt of Materials			
Printed/Typed Name Wendell Davis		Signature <i>Wendell Davis</i> Month Day Year 10/8/28/96	
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 <i>Charles Pratt</i> Month Day Year 10/8/29/96	

GENERATOR

TRANSPORTER

FACILITY

TY

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. 31

Customer Triple R. Mgt

Description Pcs

Project Number RR 104

Location Liberty

Location _____

County _____

40880 lb Net

20140 lb Tare

61020 lb+ Gross

02:58 PM AU 29 96

Chick
Signature of Welgher

TONS: 20.411

TOTAL TONS: 567.88
453.96

U.S. Highway
TRUCKER

01
TRUCK NO.

U.S. Highway
DRIVER

TICKET NO. **60074**

01

NON-HAZARDOUS WASTE MANIFEST		Manifest Document No. 00036	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 10 28 96
13. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name Grubbs Vernon L		Signature Vernon L Grubbs		Month Day Year 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 29 96

GENERATOR

TRANSPORTER

FACILITY

TY

ORIGINAL - RETURN TO GENERATOR

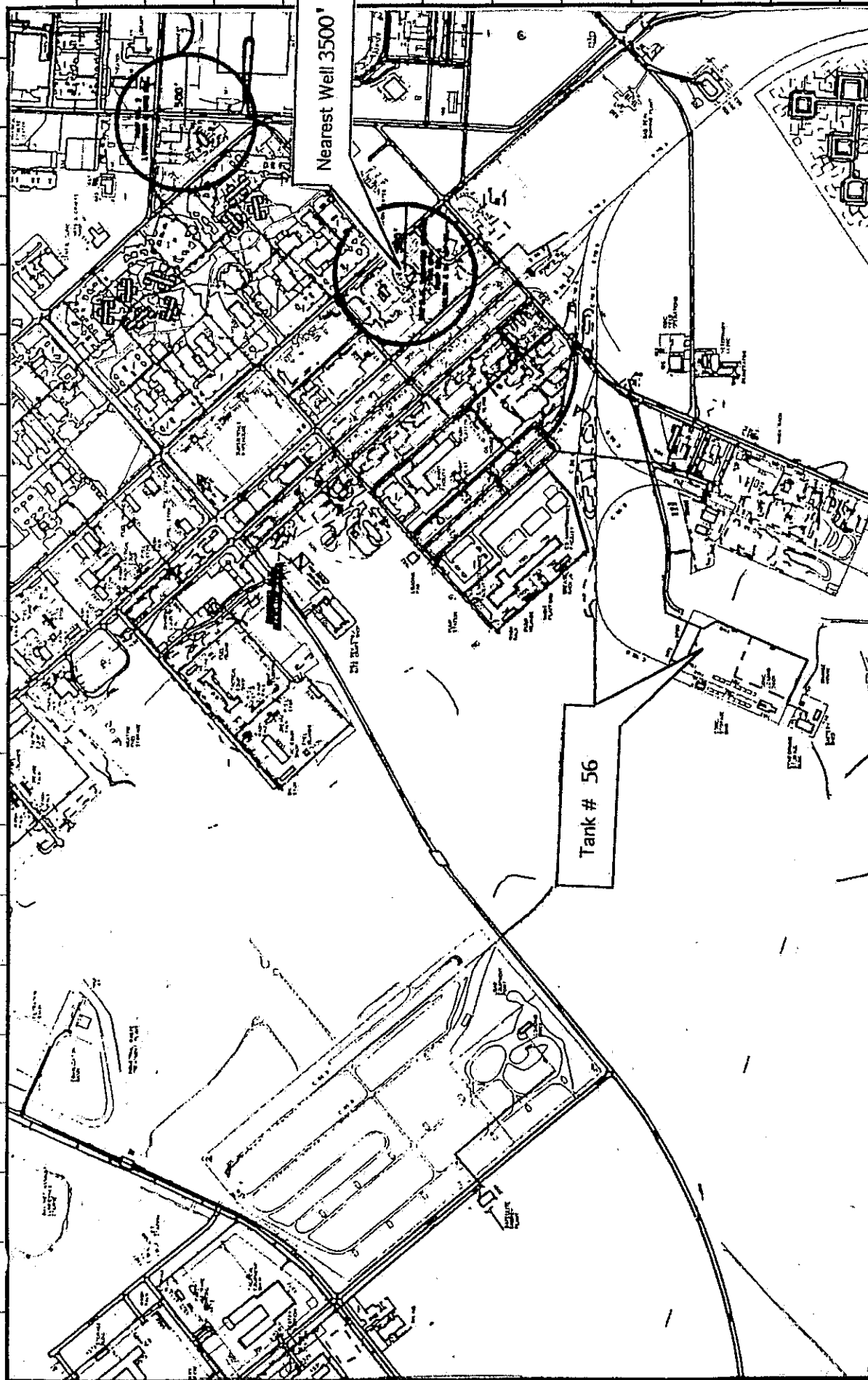
C

C

C

TAB 10

FORT STEWART AREA MAP



LEGEND/REF. DRWG'S

Base map of Fort Stewart.



ANDERSON COLUMBIA

E N V I R O N M E N T A L I N C.
P. O. BOX 1386 LAKE CITY, FLORIDA 32856 (904) 755-1196

DR. AJR CH'D SRC DR. APP. DFB

ENGR. ENGR'G DEPT.

DATE 9 Oct 96 SCALE 1" = 1000'

Area Map for Tank # 56

Fort Stewart

Hinesville, Georgia

DRAWING NO.: FIGURE 1