

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

## **CLOSURE REPORT**

USED OIL TANK REMOVAL  
BUILDING 1720, TANK 28B  
FACILITY ID NUMBER: 9-089011  
FT. STEWART, GEORGIA

PREPARED BY:

**ANDERSON COLUMBIA ENVIRONMENTAL, INC.**

OCTOBER 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

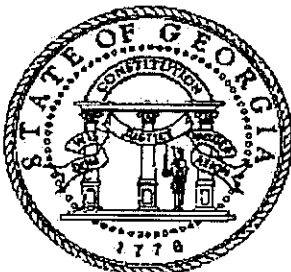
*Anderson Columbia Enviornmental, Inc.*

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 1720  
Street Address: FAC 1720  
Ft. Stewart GA 31314-5000  
(city) (state) (zip code)  
Facility ID# 9-089011

### 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: 10/16/96

4. Site-specific Hydrogeology:

Depth to Groundwater >12 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    in =    ft
- 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: 2-Jul-96
- Tank Information: 

| <u>Tank #</u> | <u>Tank Size (gallons)</u> | <u>Tank Contents</u> |
|---------------|----------------------------|----------------------|
| 28B           | 2000                       | Waste 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)  
23.52 Tons OR                      yd<sup>3</sup>

☐ 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

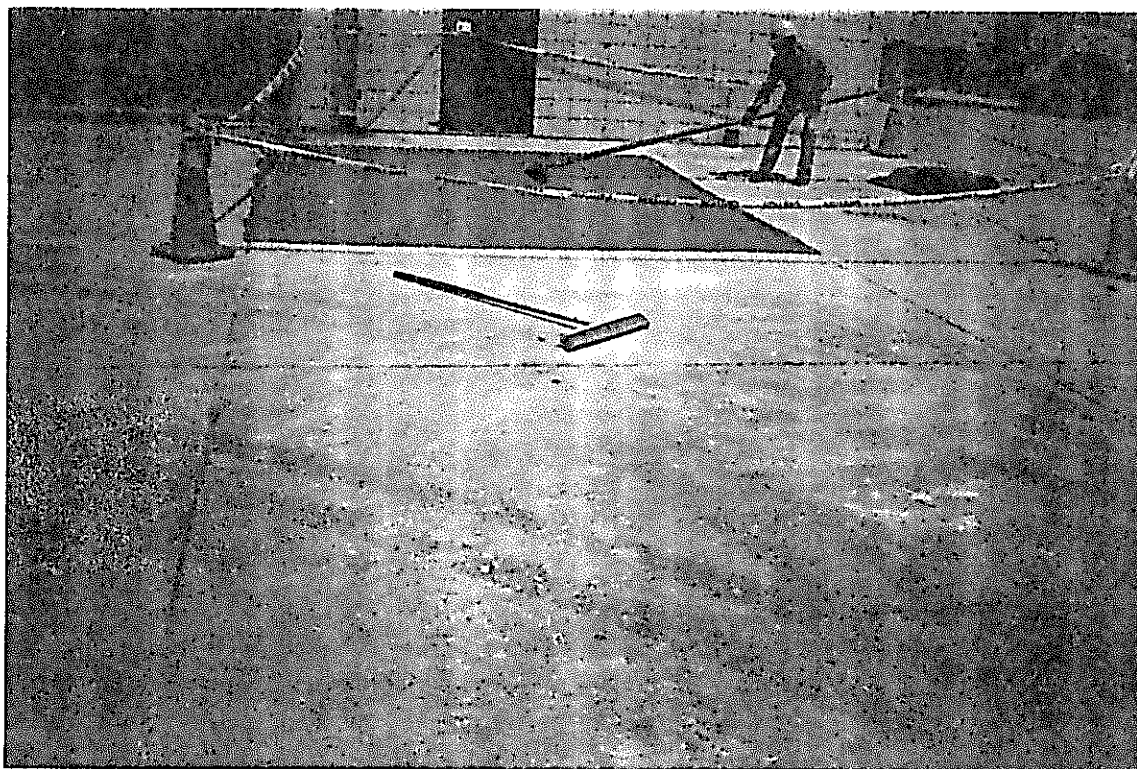
11. Conclusions or Recommendations: Choose one.

☐ 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 3. ACE concrete specialist brushes concrete as a finishing step.**





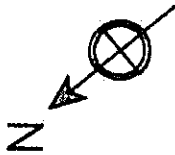
Photo 1. Tank 28B site prior to ground breaking.



Photo 2. Tank 28B after removal from the tank pit.

**TAB 5**

**SITE MAPS**



Concrete Area

Building 1720

Tank #28B

2000 Gallon  
Waste Oil UST

Cement Slab  
left in tank pit

Concrete Area

## LEGEND

① Location of Closure Sample

## ANDERSON COLUMBIA

Environmental, Inc.

P.O. BOX 1386, LAKE CITY, FLORIDA 32056-1386 PHONE: (904) 755-1196 FAX: (904) 758-9050

DR. AJR DR. APP. \_\_\_\_\_

DATE: 2 August 96 SCALE: 1/4" = 1'

Sampling Map - Tank 28B

Building 1720

Ft. Stewart, Georgia

Delivery Order 101

FIGURE NO.: 1

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: 9-089011

OWNER'S ID: 197

INITIAL DATE RECEIVED: 5/6/86

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 1720  
Street Address : FAC 1720  
City : FT STEWART State: GEORGIA Zip Code: 31314-5000  
County : LIBERTY Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_  
Phone : \_\_\_\_\_

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

FACILITY TYPE (S):

|                                            |                                                  |                                          |
|--------------------------------------------|--------------------------------------------------|------------------------------------------|
| <input type="checkbox"/> Gas Station       | <input type="checkbox"/> Local Government        | <input type="checkbox"/> Contractor      |
| <input type="checkbox"/> Petroleum Dist    | <input type="checkbox"/> State Government        | <input type="checkbox"/> Truck/Transport |
| <input type="checkbox"/> Air Tax (Airport) | <input type="checkbox"/> Fed Non-Military        | <input type="checkbox"/> Utilities       |
| <input type="checkbox"/> Aircraft Owner    | <input checked="" type="checkbox"/> Fed Military | <input type="checkbox"/> Farm            |
| <input type="checkbox"/> Auto Dealership   | <input type="checkbox"/> Commercial              | <input type="checkbox"/> Residential     |
| <input type="checkbox"/> Railroad          | <input type="checkbox"/> Industrial              | <input type="checkbox"/> Other           |
| <input type="checkbox"/> Hospital          | <input type="checkbox"/> 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)**

- |                                               |                                                       |
|-----------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> GUST Trust Fund      | <input type="checkbox"/> Insurance                    |
| <input type="checkbox"/> Surety Bond          | <input type="checkbox"/> Guarantee                    |
| <input type="checkbox"/> Letter of Credit     | <input type="checkbox"/> Trust Fund (other than GUST) |
| <input type="checkbox"/> Risk Retention Group | <input checked="" type="checkbox"/> Other Method      |
| <input type="checkbox"/> Self-insured         | <input type="checkbox"/> 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.

- |                                               |                                                       |
|-----------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Surety Bond          | <input type="checkbox"/> Insurance                    |
| <input type="checkbox"/> Letter of Credit     | <input type="checkbox"/> Guarantee                    |
| <input type="checkbox"/> Risk Retention Group | <input type="checkbox"/> Trust Fund (other than GUST) |
| <input type="checkbox"/> Self-insured         | <input type="checkbox"/> 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                     | 9-089011                            |  |  |  |  |
| TANK ID                         | 28B                                 |  |  |  |  |
| <b>Status of Tank</b>           |                                     |  |  |  |  |
| Currently in Use                | <input checked="" type="checkbox"/> |  |  |  |  |
| Temp. Out of Use                | <input type="checkbox"/>            |  |  |  |  |
| Perm. Out of Use                | <input checked="" type="checkbox"/> |  |  |  |  |
| Date of Installation            | 1-Jan-87                            |  |  |  |  |
| Age                             | 9                                   |  |  |  |  |
| Est. Total Capacity             | 2000                                |  |  |  |  |
| <b>MATERIAL OF CONSTRUCTION</b> |                                     |  |  |  |  |
| Asphalt or Bare Steel           | <input checked="" type="checkbox"/> |  |  |  |  |
| Cath. Protected Steel           | <input type="checkbox"/>            |  |  |  |  |
| Epoxy Coated Steel              | <input type="checkbox"/>            |  |  |  |  |
| Composite                       | <input type="checkbox"/>            |  |  |  |  |
| Fiberglass Reinf. Plas.         | <input checked="" type="checkbox"/> |  |  |  |  |
| Lined Interior                  | <input type="checkbox"/>            |  |  |  |  |
| Double Walled                   | <input type="checkbox"/>            |  |  |  |  |
| Poly. Tank Jacket               | <input type="checkbox"/>            |  |  |  |  |
| Concrete                        | <input type="checkbox"/>            |  |  |  |  |
| Excavation Liner                | <input type="checkbox"/>            |  |  |  |  |
| Unknown                         | <input type="checkbox"/>            |  |  |  |  |
| Other, Explanation              |                                     |  |  |  |  |
| Date Tank Repaired              |                                     |  |  |  |  |
| <b>PIPING MATERIAL</b>          |                                     |  |  |  |  |
| Bare Steel                      | <input type="checkbox"/>            |  |  |  |  |
| Galvanized Steel                | <input checked="" type="checkbox"/> |  |  |  |  |
| Fiberglass                      | <input type="checkbox"/>            |  |  |  |  |
| Copper                          | <input type="checkbox"/>            |  |  |  |  |
| Cathodically Protected          | <input type="checkbox"/>            |  |  |  |  |
| Double Walled                   | <input type="checkbox"/>            |  |  |  |  |
| Secondary Containment           | <input type="checkbox"/>            |  |  |  |  |
| Unknown                         | <input type="checkbox"/>            |  |  |  |  |
| Other, Explanation              |                                     |  |  |  |  |
| Date Piping Installed           |                                     |  |  |  |  |
| <b>Piping Type</b>              |                                     |  |  |  |  |
| Suction: No Valve               | <input type="checkbox"/>            |  |  |  |  |
| Suction: Valve                  | <input type="checkbox"/>            |  |  |  |  |
| Pressure                        | <input type="checkbox"/>            |  |  |  |  |
| Gravity Fed                     | <input type="checkbox"/>            |  |  |  |  |
| Date Piping Repaired            |                                     |  |  |  |  |
| <b>Substance Stored in Tank</b> |                                     |  |  |  |  |
| Gasoline                        | <input type="checkbox"/>            |  |  |  |  |
| Diesel                          | <input type="checkbox"/>            |  |  |  |  |
| Gasohol                         | <input type="checkbox"/>            |  |  |  |  |
| Kerosene                        | <input type="checkbox"/>            |  |  |  |  |
| Heating Oil                     | <input type="checkbox"/>            |  |  |  |  |
| Used Oil                        | <input checked="" type="checkbox"/> |  |  |  |  |
| Propane                         | <input type="checkbox"/>            |  |  |  |  |
| Empty                           | <input type="checkbox"/>            |  |  |  |  |
| Other, Explanation              |                                     |  |  |  |  |



STATE OF GEORGIA  
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part II: Tank Data

|                                 |          |         |      |        |      |        |      |        |      |        |
|---------------------------------|----------|---------|------|--------|------|--------|------|--------|------|--------|
| FACILITY ID                     | 9-089011 |         |      |        |      |        |      |        |      |        |
| TANK ID                         | 28B      |         |      |        |      |        |      |        |      |        |
| <b>Substance Stored in Tank</b> |          |         |      |        |      |        |      |        |      |        |
| Hazardous Substance             |          |         |      |        |      |        |      |        |      |        |
| CERCLA Name                     |          |         |      |        |      |        |      |        |      |        |
| CAS Number                      |          |         |      |        |      |        |      |        |      |        |
| Mixture                         |          |         |      |        |      |        |      |        |      |        |
| Mixture, Specification          |          |         |      |        |      |        |      |        |      |        |
| <b>Out of Use/Chg. Ser.</b>     | Tank     | Piping  | Tank | Piping | Tank | Piping | Tank | Piping | Tank | Piping |
| Est. Date Last Used             | 6-25-96  | 6-25-96 |      |        |      |        |      |        |      |        |
| Est. Date Closed                | 7-7-96   | 7-7-96  |      |        |      |        |      |        |      |        |
| Removed from Ground             |          |         |      |        |      |        |      |        |      |        |
| Closed in Ground                |          |         |      |        |      |        |      |        |      |        |
| Filled with Iner. Mat.          |          |         |      |        |      |        |      |        |      |        |
| Change in Service               |          |         |      |        |      |        |      |        |      |        |
| Site Assessment Compl.          |          |         |      |        |      |        |      |        |      |        |
| Leak Detected                   |          |         |      |        |      |        |      |        |      |        |
| <b>Installation</b>             |          |         |      |        |      |        |      |        |      |        |
| 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              |          |         |      |        |      |        |      |        |      |        |
| <b>Release Detection</b>        | Tank     | Piping  | Tank | Piping | Tank | Piping | Tank | Piping | Tank | Piping |
| Tank Tightness Testing          |          |         |      |        |      |        |      |        |      |        |
| Inventory Controls              |          |         |      |        |      |        |      |        |      |        |
| SIR                             |          |         |      |        |      |        |      |        |      |        |
| Automatic Tank Guaging          |          |         |      |        |      |        |      |        |      |        |
| Inter. Mon./Double Wall         |          |         |      |        |      |        |      |        |      |        |
| Groundwater Monitoring          |          |         |      |        |      |        |      |        |      |        |
| Manual Tank Guaging             |          |         |      |        |      |        |      |        |      |        |
| Vapor Monitoring                |          |         |      |        |      |        |      |        |      |        |
| Inter. Mon./Sec. Cont.          |          |         |      |        |      |        |      |        |      |        |
| Auto. Line Leak Detect.         |          |         |      |        |      |        |      |        |      |        |
| Line Tightness Testing          |          |         |      |        |      |        |      |        |      |        |
| Other Method                    |          |         |      |        |      |        |      |        |      |        |
| Other Description               |          |         |      |        |      |        |      |        |      |        |
| <b>Spill and Overfill</b>       |          |         |      |        |      |        |      |        |      |        |
| Date Overfill Device            |          |         |      |        |      |        |      |        |      |        |
| Date Spill Device               |          |         |      |        |      |        |      |        |      |        |
| <b>Installer Certification</b>  |          |         |      |        |      |        |      |        |      |        |
| 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 28B  
Building Number 1720

| <i>Method</i><br><b>Sample ID</b><br><i>unit</i> | 9073<br><b>TRPH</b><br>ppm | 9071A<br><b>TRPH</b><br>ppm | 8020<br><b>BTEX</b><br>ppb | 8270B<br><b>Semi-Volatile Organics</b><br>ppb |
|--------------------------------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------------------------|
| 28B-T1-S1                                        | 14,600                     |                             | bdl                        | 2611                                          |
| 28B-T1-S2                                        | 13,200                     |                             | bdl                        | 1060                                          |
| bdl= below method detection limits               |                            |                             |                            |                                               |

\*\*Fort Stewart is in an area of 'High or Average Groundwater pollution susceptibility' and these tanks are within 1500 feet of a public water well (but greater than 500 feet from the well). These analytical results should be compared with Table A, >500 feet to withdrawal point on the sheet that follows.

23.52 tons of petroleum contaminated soil was removed from the Tank 28B pit.

### *Complete Data Package Follows*

# Petroleum Constituents and Soil Threshold Levels<sup>a</sup>

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<br>GROUNDWATER POLLUTION<br>SUSCEPTIBILITY AREA <sup>b</sup><br>(Where public water supplies exist<br>within 2.0 miles and/or non-public<br>supplies exist within 0.5 miles) |                                   | LOWER<br>GROUNDWATER POLLUTION<br>SUSCEPTIBILITY AREA <sup>c</sup><br>(Where public water supplies exist<br>within 1.0 mile and/or non-public<br>supplies exist within 0.25 mile) |                                   |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
|                                      | ≤500 feet to<br>withdrawal point                                                                                                                                                               | > 500 feet to<br>withdrawal point | ≤500 feet to<br>withdrawal point                                                                                                                                                  | > 500 feet to<br>withdrawal point |
| VOLATILE ORGANIC<br>COMPOUNDS        |                                                                                                                                                                                                |                                   |                                                                                                                                                                                   |                                   |
| Benzene <sup>d</sup>                 | 0.005 mg/kg <sup>d</sup>                                                                                                                                                                       | 0.008 mg/kg                       | 0.005 mg/kg <sup>d</sup>                                                                                                                                                          | 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<br>HYDROCARBONS |                                                                                                                                                                                                |                                   |                                                                                                                                                                                   |                                   |
| Acenaphthene                         | N/A <sup>e</sup>                                                                                                                                                                               | N/A <sup>e</sup>                  | N/A <sup>e</sup>                                                                                                                                                                  | N/A <sup>e</sup>                  |
| Anthracene                           | N/A <sup>e</sup>                                                                                                                                                                               | N/A <sup>e</sup>                  | N/A <sup>e</sup>                                                                                                                                                                  | N/A <sup>e</sup>                  |
| Benz(a)anthracene                    | N/A <sup>e</sup>                                                                                                                                                                               | N/A <sup>e</sup>                  | N/A <sup>e</sup>                                                                                                                                                                  | N/A <sup>e</sup>                  |
| Benzo(a)pyrene                       | 0.660 mg/kg <sup>d</sup>                                                                                                                                                                       | N/A <sup>e</sup>                  | N/A <sup>e</sup>                                                                                                                                                                  | N/A <sup>e</sup>                  |
| Benzo(b)fluoranthene                 | 0.820 mg/kg <sup>d,f</sup>                                                                                                                                                                     | N/A <sup>e</sup>                  | N/A <sup>e</sup>                                                                                                                                                                  | N/A <sup>e</sup>                  |
| Benzo(g,h,i)perylene                 | N/A <sup>e</sup>                                                                                                                                                                               | N/A <sup>e</sup>                  | N/A <sup>e</sup>                                                                                                                                                                  | N/A <sup>e</sup>                  |
| Benzo(k)fluoranthene                 | 1.60 mg/kg <sup>d,f</sup>                                                                                                                                                                      | N/A <sup>e</sup>                  | N/A <sup>e</sup>                                                                                                                                                                  | N/A <sup>e</sup>                  |
| Chrysene                             | 0.660 mg/kg <sup>d</sup>                                                                                                                                                                       | N/A <sup>e</sup>                  | N/A <sup>e</sup>                                                                                                                                                                  | N/A <sup>e</sup>                  |
| Dibenz(a,h)anthracene                | 1.50 mg/kg <sup>d,f</sup>                                                                                                                                                                      | N/A <sup>e</sup>                  | N/A <sup>e</sup>                                                                                                                                                                  | N/A <sup>e</sup>                  |
| Fluoranthene                         | N/A <sup>e</sup>                                                                                                                                                                               | N/A <sup>e</sup>                  | N/A <sup>e</sup>                                                                                                                                                                  | N/A <sup>e</sup>                  |
| Fluorene                             | N/A <sup>e</sup>                                                                                                                                                                               | N/A <sup>e</sup>                  | N/A <sup>e</sup>                                                                                                                                                                  | N/A <sup>e</sup>                  |
| Indeno(1,2,3-c,d)pyrene              | 0.660 mg/kg <sup>d</sup>                                                                                                                                                                       | N/A <sup>e</sup>                  | 0.660 mg/kg <sup>d</sup>                                                                                                                                                          | N/A <sup>e</sup>                  |
| Naphthalene                          | N/A <sup>e</sup>                                                                                                                                                                               | N/A <sup>e</sup>                  | N/A <sup>e</sup>                                                                                                                                                                  | N/A <sup>e</sup>                  |
| Phenanthrene                         | N/A <sup>e</sup>                                                                                                                                                                               | N/A <sup>e</sup>                  | N/A <sup>e</sup>                                                                                                                                                                  | N/A <sup>e</sup>                  |
| Pyrene                               | N/A <sup>e</sup>                                                                                                                                                                               | N/A <sup>e</sup>                  | N/A <sup>e</sup>                                                                                                                                                                  | N/A <sup>e</sup>                  |

- 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<sup>a</sup> Levels

At 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<br>GROUNDWATER POLLUTION<br>SUSCEPTIBILITY AREA <sup>b</sup> |                                       | LOWER<br>GROUNDWATER POLLUTION<br>SUSCEPTIBILITY AREA <sup>c</sup> |                                       |
|--------------------------------------|--------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------|---------------------------------------|
|                                      | ≤500 feet to sur-<br>face water body                                           | > 500 feet to sur-<br>face water body | ≤500 feet to sur-<br>face water body                               | > 500 feet to sur-<br>face water body |
| VOLATILE ORGANIC<br>COMPOUNDS        |                                                                                |                                       |                                                                    |                                       |
| Benzene <sup>f</sup>                 | 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<br>HYDROCARBONS |                                                                                |                                       |                                                                    |                                       |
| Acenaphthene                         | N/A <sup>e</sup>                                                               | N/A <sup>e</sup>                      | N/A <sup>e</sup>                                                   | N/A <sup>e</sup>                      |
| Anthracene                           | N/A <sup>e</sup>                                                               | N/A <sup>e</sup>                      | N/A <sup>e</sup>                                                   | N/A <sup>e</sup>                      |
| Benz(a)anthracene                    | 0.660 mg/kg <sup>d</sup>                                                       | N/A <sup>e</sup>                      | N/A <sup>e</sup>                                                   | N/A <sup>e</sup>                      |
| Benzo(a)pyrene                       | 0.660 mg/kg <sup>d</sup>                                                       | N/A <sup>e</sup>                      | N/A <sup>e</sup>                                                   | N/A <sup>e</sup>                      |
| Benzo(b)fluoranthene                 | 0.660 mg/kg <sup>d</sup>                                                       | N/A <sup>e</sup>                      | N/A <sup>e</sup>                                                   | N/A <sup>e</sup>                      |
| Benzo(g,h,i)perylene                 | N/A <sup>e</sup>                                                               | N/A <sup>e</sup>                      | N/A <sup>e</sup>                                                   | N/A <sup>e</sup>                      |
| Benzo(k)fluoranthene                 | 0.660 mg/kg <sup>d</sup>                                                       | N/A <sup>e</sup>                      | N/A <sup>e</sup>                                                   | N/A <sup>e</sup>                      |
| Chrysene                             | 0.660 mg/kg <sup>d</sup>                                                       | N/A <sup>e</sup>                      | N/A <sup>e</sup>                                                   | N/A <sup>e</sup>                      |
| Dibenz(a,h)anthracene                | 0.660 mg/kg <sup>d</sup>                                                       | N/A <sup>e</sup>                      | N/A <sup>e</sup>                                                   | N/A <sup>e</sup>                      |
| Fluoranthene                         | N/A <sup>e</sup>                                                               | N/A <sup>e</sup>                      | N/A <sup>e</sup>                                                   | N/A <sup>e</sup>                      |
| Fluorene                             | N/A <sup>e</sup>                                                               | N/A <sup>e</sup>                      | N/A <sup>e</sup>                                                   | N/A <sup>e</sup>                      |
| Indeno(1,2,3-c,d)pyrene              | 0.660 mg/kg <sup>d</sup>                                                       | N/A <sup>e</sup>                      | 0.660 mg/kg <sup>d</sup>                                           | N/A <sup>e</sup>                      |
| Naphthalene                          | N/A <sup>e</sup>                                                               | N/A <sup>e</sup>                      | N/A <sup>e</sup>                                                   | N/A <sup>e</sup>                      |
| Phenanthrene                         | N/A <sup>e</sup>                                                               | N/A <sup>e</sup>                      | N/A <sup>e</sup>                                                   | N/A <sup>e</sup>                      |
| Pyrene                               | N/A <sup>e</sup>                                                               | N/A <sup>e</sup>                      | N/A <sup>e</sup>                                                   | N/A <sup>e</sup>                      |

<sup>a</sup> based on worst-case assumptions for one-dimensional vadose zone and groundwater contaminant fate and transport models.

<sup>b</sup> based on an assumed distance of 0.5 feet between contaminated soils and the water table.

<sup>c</sup> based on an assumed distance of 5.0 feet between contaminated soils and the water table.

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

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

<sup>f</sup> - 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  
P.O. Box 889  
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 samples collected on 2 July 1996 from Ft. Stewart.

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

SUBMITTED BY:

SIGNATURE

DATE:

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



25 July 1996

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

District - SAVANNAH  
Date Received - 96/07/05  
Date Reported - 96/07/18 14:36:19  
FT. STEWART ARMY AF  
Requisition - PMS-96-109  
Work Order - 7996 Job Number - 3994

| Lab # | Field ID   | Date Sampled | Time Sampled |
|-------|------------|--------------|--------------|
| 29441 | 28B T1 S-1 | 96/07/02     | 11:45        |

| Test Performed              | Result  | Units | Tested By | Test Date |
|-----------------------------|---------|-------|-----------|-----------|
| TOTAL SOLIDS, % OF WET      | 86.10   | %     | SPA       | 96/07/08  |
| AROMATIC VOLATILE ORGANICS  | *       |       | SPA       | 96/07/08  |
| SEMIVOLATILE ORGANICS GC/MS | *       |       | SPA       | 96/07/12  |
| TRPH                        | 14600.0 | MG/KG | SPA       | 96/07/09  |

\*NOTE: See Attached

Sampled by District Personnel

Checked by: T.J.

Signed by:

*Blaise Willis*

Blaise Willis  
Chemist

et 1 of 3



Lab # Field ID  
-----  
29442 28B T1 S-2

Date Sampled  
-----  
96/07/02

Time Sampled  
-----  
11:50

Test Performed  
-----

TOTAL SOLIDS, % OF WET  
AROMATIC VOLATILE ORGANICS  
SEMIVOLATILE ORGANICS GC/MS  
TRPH

| Result  | Units |
|---------|-------|
| -----   | ----- |
| 94.70   | %     |
| *       |       |
| *       |       |
| 13200.0 | MG/KG |

| Tested By | Test Date |
|-----------|-----------|
| -----     | -----     |
| SPA       | 96/07/08  |
| SPA       | 96/07/08  |
| SPA       | 96/07/12  |
| SPA       | 96/07/09  |

\*NOTE: See Attached

Sampled by District Personnel

Checked by: T.J.

Signed by:

*Blaise Willis*

Blaise Willis  
Chemist

Time Sampled  
-----  
00:00

|              |              |
|--------------|--------------|
| Tested<br>By | Test<br>Date |
| SPA          | 96/07/09     |

- 3 -



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

DATE: 7/5/96

Number of coolers 1 Returned cooler(s) to: ACE

PROJECT: Ft. Stewart W.O.# \_\_\_\_\_ JOB# 3994

Coolers(s) opened by (print name) M. Self (sign) M. Self

1. Did cooler come with shipping slip?  
If yes, enter Tracking Number here 128 226 568 8 (Greyhound) [☒ yes] [☐ no]
2. Were custody seals on out side of cooler?  
How many? 1 Date on seal(s) 7/3 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: 14°C
7. Describe cooler packing: None
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 3
16. Number of Samples: 3 Sample Type: ☒ soil ☐ water ☐ other \_\_\_\_\_

SAMPLE ANALYSIS PERFORMED BY: SpA TAT 14 days

COMMENTS: \_\_\_\_\_

17. Did you sign custody papers in the appropriate place? [☒ yes] [☐ no]

LAB NUMBER(S): 29441-43

SIGNATURE: M. Self

**SPECIALIZED ASSAYS, INC.**

2960 Foster Creighton Dr.  
P.O. Box 40566  
Nashville, TN 37204-0566  
Phone 1-615-726-0177

**ANALYTICAL REPORT**

DIRECTOR U.S. ARMY CORPS ENG. 5394  
CESAD LABORATORY  
611 SOUTH COBB DRIVE  
MARIETTA, GA 30060-3172

Sample Location: 29441 28B T1 S-1  
FT. STEWART

Lab Number: 96-A040479

Sampler: BOBBI THORN

Date Collected: 7/ 2/96

Date Received: 7/ 6/96

Time Collected: 11:45

Time Received: 8:30

Sample type: Soil

**Organics Reference Data**

Blank 56284SBB  
Tune, BNA DF0711B  
Calibration Check, BNA CC0711B

Percent solids: 86.1

**SEMIVOLATILE ORGANICS and PESTICIDE/PCB's**

| Analyte                      | Result | Flag | DF | Units | Date    | Time  | Analyst    | Method |
|------------------------------|--------|------|----|-------|---------|-------|------------|--------|
| Acenaphthene                 | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Acenaphthylene               | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Anthracene                   | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Benzo(a)anthracene           | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Benzo(a)pyrene               | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Benzo(b)fluoranthene         | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Benzo(g,h,i)perylene         | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Benzo(k)fluoranthene         | 778.   | J    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 4-Bromodiphenylether         | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Butylbenzylphthalate         | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Carbazole                    | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 4-Chloro-3-methylphenol      | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 4-Chloroaniline              | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| bis-(2-Chloroethoxy)methane  | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| bis-(2-Chloroethyl)ether     | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| bis-(2-Chloroisopropyl)ether | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 2-Chloronaphthalene          | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |

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**ANALYTICAL REPORT**

DIRECTOR U.S. ARMY CORPS ENG. 5394  
CESAD LABORATORY  
611 SOUTH COBB DRIVE  
MARIETTA, GA 30060-3172

Sample Location: 29441 28B T1 S-1  
FT. STEWART

Lab Number: 96-A040479

Sampler: BOBBI THORN

Date Collected: 7/ 2/96

Date Received: 7/ 6/96

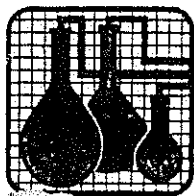
Time Collected: 11:45

Time Received: 8:30

Sample type: Soil

**SEMIVOLATILE ORGANICS and PESTICIDE/PCB's**

| Byte                       | Result | Flag | DF | Units | Date    | Time  | Analyst    | Method |
|----------------------------|--------|------|----|-------|---------|-------|------------|--------|
| 2-Chlorophenol             | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 4-Chlorophenylphenylether  | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Chrysene                   | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Dibenzofuran               | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Dibenz(a,h)anthracene      | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 1,2-Dichlorobenzene        | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 1,3-Dichlorobenzene        | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 1,4-Dichlorobenzene        | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 3,3'-Dichlorobenzidine     | 3870   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 2,4-Dichlorophenol         | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Diethylphthalate           | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 2,4-Dimethylphenol         | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Dimethylphthalate          | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Di-n-butylphthalate        | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 4,6-Dinitro-2-methylphenol | 4840   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 2,4-Dinitrophenol          | 4840   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 2,4-dinitrotoluene         | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 2,6-Dinitrotoluene         | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Di-n-octylphthalate        | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Fluoranthene               | 523    | J    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Fluorene                   | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Hexachlorobenzene          | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| chlorobutadiene            | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Hexachlorocyclopentadiene  | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Hexachloroethane           | 1940   | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |

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**ANALYTICAL REPORT**

DIRECTOR U.S. ARMY CORPS ENG. 5394  
CESAD LABORATORY  
611 SOUTH COBB DRIVE  
MARIETTA, GA 30060-3172

Sample Location: 29441 288 T1 S-1  
FT. STEWART

Lab Number: 96-A040479

Sampler: BOBBI THORN

Date Collected: 7/ 2/96

Date Received: 7/ 6/96

Time Collected: 11:45

Time Received: 8:30

Sample type: Soil

**SEMIVOLATILE ORGANICS and PESTICIDE/PCB's**

| Conc                       | Result    | Flag | DF | Units | Date    | Time  | Analyst    | Method |
|----------------------------|-----------|------|----|-------|---------|-------|------------|--------|
| Indeno(1,2,3-cd)pyrene     | 1940      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Isochlorone                | 1940      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 2-Methylnaphthalene        | 1940      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 2-Methylphenol             | 1940      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| m,o-Methylphenol           | 1940      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Naphthalene                | 1940      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 2-Nitroaniline             | 4840      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 3-Nitroaniline             | 4840      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 4-Nitroaniline             | 4840      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Nitrobenzene               | 1590      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 2-Nitrophenol              | 1940      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 4-Nitrophenol              | 4840      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| N-nitrosodi-n-propylamine  | 1940      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| N-nitrosodiphenylamine     | 1940      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Pentachlorophenol          | 4840      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Phenanthrene               | 1940      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Phenol                     | 1940      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Pyrene                     | 581       | J    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| Bis(2-ethylhexyl)phthalate | 929       | J    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 1,2,4-Trichlorobenzene     | 1940      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 2,4,5-Trichlorophenol      | 4840      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| 2,4,6-Trichlorophenol      | 1940      | U    | 5  | ug/kg | 7/12/96 | 10:31 | M.Goodrich | 8270B  |
| action, BNA's              | Completed |      |    | ug/kg | 7/10/96 | 14:55 | C.Gerenser | 3550   |

**SPECIALIZED ASSAYS, INC.**

2960 Foster Creighton Dr.  
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**ANALYTICAL REPORT**

DIRECTOR U.S. ARMY CORPS ENG. 5394  
CESAD LABORATORY  
611 SOUTH COBB DRIVE  
MARIETTA, GA 30060-3172

Sample Location: 29441 28B T1 S-1  
FT. STEWART

Lab Number: 96-A040479

Sampler: BOBBI THORN

Date Collected: 7/ 2/96

Date Received: 7/ 6/96

Time Collected: 11:45

Time Received: 8:30

Sample type: Soil

**UNDERGROUND STORAGE TANK RESULTS**

| Analyte        | Result  | Units | PQL   | Dil<br>Factor | Date    | Time  | Analyst    | Method |
|----------------|---------|-------|-------|---------------|---------|-------|------------|--------|
| Benzene        | < 0.116 | mg/kg | 0.116 | 1             | 7/ 8/96 | 1:30  | Holingwrth | 8020   |
| Toluene        | < 0.116 | mg/kg | 0.116 | 1             | 7/ 8/96 | 1:30  | Holingwrth | 8020   |
| Ethylbenzene   | < 0.116 | mg/kg | 0.116 | 1             | 7/ 8/96 | 1:30  | Holingwrth | 8020   |
| Xylenes, total | < 0.116 | mg/kg | 0.116 | 1             | 7/ 8/96 | 1:30  | Holingwrth | 8020   |
| TRPH           | 14600   | mg/kg | 11.6  | 1             | 7/ 9/96 | 15:01 | M.Himelick | 9073   |

**Sample Extraction Data**

BNA's Extracted 7/10/96 Wt extracted: 30.0 gm Extract Volume: 1.0 ml

**\*\* QUALITY CONTROL DATA \*\*****Surrogate Recoveries**

| Surrogate                    | % Recovery | Target Range |
|------------------------------|------------|--------------|
| GRD Surrogate, soil          | 111.       | 50 - 150     |
| NA Surrogate, Nitrobenzene   | 54.0       | 23 - 120     |
| BNA Surr., 2-Fluorobiphenyl  | 55.0       | 30 - 115     |
| BNA Surrogate, Terphenyl d14 | 62.0       | 18 - 140     |





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ANALYTICAL REPORT

DIRECTOR U.S. ARMY CORPS ENG. 5394  
CESAD LABORATORY  
611 SOUTH COBB DRIVE  
MARIETTA, GA 30060-3172

Lab Number: 96-A040479

Sample ID: 29441 29B T1 S-1

Date Collected: 7/ 2/96

Project: CALL #269

Time Collected: 11:45

Project Name:

Date Received: 7/ 6/96

Sampler: BOBBI THORN

Time Received: 8:30

State Certification:

Sample Type: Soil

Site I.D.:

**\*\* QUALITY CONTROL DATA \*\***

Surrogate Recoveries

| Surrogate                           | % Recovery | Target Range |
|-------------------------------------|------------|--------------|
| BNA Surrogate, Phenol d5            | 47.0       | 10 - 115     |
| BNA Surrogate, 2-Fluorophenol       | 41.0       | 20 - 121     |
| BNA Surrogate, 2,4,6-Tribromophenol | 60.0       | 19 - 122     |

Report Approved By:

*Michael H. Dunn*

Report Date: 7/16/96

Theodore J. Duello, Ph.D.  
Michael H. Dunn, M.S.  
Danny B. Hale, M.S.

**SPECIALIZED ASSAYS, INC.**

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**ANALYTICAL REPORT**

DIRECTOR U.S. ARMY CORPS ENG. 5394  
CESAD LABORATORY  
611 SOUTH COBB DRIVE  
MARIETTA, GA 30060-3172

Sample Location: 29442 28B T1 S-2  
FT. STEWART

Lab Number: 96-A040480

Sampler: BOBBI THORN

Date Collected: 7/ 2/96

Date Received: 7/ 6/96

Time Collected: 11:50

Time Received: 8:30

Sample type: Soil

**Organics Reference Data**

Blank 56284SBB  
Tune, BNA DF0711B  
Calibration Check, BNA CC0711B

Percent solids: 94.7

**SEMIVOLATILE ORGANICS and PESTICIDE/PCB's**

| Analyte                       | Result | Flag | DF | Units | Date    | Time  | Analyst    | Method |
|-------------------------------|--------|------|----|-------|---------|-------|------------|--------|
| Acenaphthene                  | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Acenaphthylene                | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Anthracene                    | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Benzo (a) anthracene          | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Benzo (a) pyrene              | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Benzo (b) fluoranthene        | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Benzo (g,h,i) perylene        | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Benzo (k) fluoranthene        | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 4-Bromophenylphenyl ether     | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Butylbenzylphthalate          | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Carbazole                     | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 4-Chloro-3-methylphenol       | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 4-Chloroaniline               | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| bis (2-Chloroethoxy) methane  | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| bis (2-Chloroethyl) ether     | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| bis (2-Chloroisopropyl) ether | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 2-Chloronaphthalene           | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |

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**ANALYTICAL REPORT**

DIRECTOR U.S. ARMY CORPS ENG. 5394  
CESAD LABORATORY  
611 SOUTH COBB DRIVE  
MARIETTA, GA 30060-3172

Sample Location: 29442 28B T1 S-2  
FT. STEWART

Lab Number: 96-A040480

Sampler: BOBBI THORN

Date Collected: 7/ 2/96

Date Received: 7/ 6/96

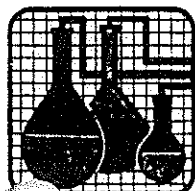
Time Collected: 11:50

Time Received: 8:30

Sample type: Soil

**SEMIVOLATILE ORGANICS and PESTICIDE/PCB's**

| Conc                       | Result | Flag | DF | Units | Date    | Time  | Analyst    | Method |
|----------------------------|--------|------|----|-------|---------|-------|------------|--------|
| 2-Chlorophenol             | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 4-Chlorophenylphenylether  | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Chrysene                   | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Dibenzofuran               | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Dibenz(a,h)anthracene      | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 1,2-Dichlorobenzene        | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 1,3-Dichlorobenzene        | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 1,4-Dichlorobenzene        | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 3,3'-Dichlorobenzidine     | 3520   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 2,4-Dichlorophenol         | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Diethylphthalate           | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 2,4-Dimethylphenol         | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Dimethylphthalate          | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Di-n-butylphthalate        | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 4,6-Dinitro-2-methylphenol | 4380   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 2,4-Dinitrophenol          | 4380   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 2,4-dinitrotoluene         | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 2,6-Dinitrotoluene         | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Di-n-octylphthalate        | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Fluoranthene               | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Fluorene                   | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Heptachlorobenzene         | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Heptachlorobutadiene       | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Hexachlorocyclopentadiene  | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Hexachloroethane           | 1760   | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |

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**ANALYTICAL REPORT**

DIRECTOR U.S. ARMY CORPS ENG. 5394  
CESAD LABORATORY  
611 SOUTH COBB DRIVE  
MARIETTA, GA 30060-3172

Sample Location: 29442 28B T1 S-2  
FT. STEWART

Lab Number: 96-A040480

Sampler: BOBBI THORN

Date Collected: 7/ 2/96

Date Received: 7/ 6/96

Time Collected: 11:50

Time Received: 8:30

Sample type: Soil

**SEMIVOLATILE ORGANICS and PESTICIDE/PCB's**

| Conc                       | Result    | Flag | DF | Units | Date    | Time  | Analyst    | Method |
|----------------------------|-----------|------|----|-------|---------|-------|------------|--------|
| Indeno (1,2,3-cd)pyrene    | 1760      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Isophorone                 | 1760      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 2-Methylnaphthalene        | 1760      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 2-Methylphenol             | 1760      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| m,p-Methylphenol           | 1760      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Naphthalene                | 1760      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 2-Nitroaniline             | 1760      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 3-Nitroaniline             | 4380      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 4-Nitroaniline             | 4380      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Nitrobenzene               | 1760      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 2-Nitrophenol              | 1760      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 4-Nitrophenol              | 1760      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| N-nitrosodi-n-propylamine  | 1760      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| N-nitrosodiphenylamine     | 1760      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Pentachlorophenol          | 4380      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Phenanthrene               | 1760      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Phenol                     | 1760      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Pyrene                     | 1760      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| Bis(2-ethylhexyl)phthalate | 1060      | J    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 1,2,4-Trichlorobenzene     | 1760      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 2,4,5-Trichlorophenol      | 4380      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| 2,4,6-Trichlorophenol      | 1760      | U    | 5  | ug/kg | 7/12/96 | 11:07 | M.Goodrich | 8270B  |
| action, BNA.s              | Completed |      |    | ug/kg | 7/10/96 | 14:55 | C.Gerenser | 3550   |

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**ANALYTICAL REPORT**

DIRECTOR U.S. ARMY CORPS ENG. 5394  
CESAD LABORATORY  
611 SOUTH COBB DRIVE  
MARIETTA, GA 30060-3172

Sample Location: 29442 28B T1 S-2  
FT. STEWART

Lab Number: 96-A040480

Sampler: BOBBI THORN

Date Collected: 7/ 2/96

Date Received: 7/ 6/96

Time Collected: 11:50

Time Received: 8:30

Sample type: Soil

**UNDERGROUND STORAGE TANK RESULTS**

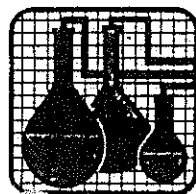
| Analyte        | Result  | Units | PQL   | Dil Factor | Date    | Time  | Analyst    | Method |
|----------------|---------|-------|-------|------------|---------|-------|------------|--------|
| Benzene        | < 0.106 | mg/kg | 0.106 | 1          | 7/ 8/96 | 2:02  | Holingwrth | 8020   |
| Toluene        | < 0.106 | mg/kg | 0.106 | 1          | 7/ 8/96 | 2:02  | Holingwrth | 8020   |
| Ethylbenzene   | < 0.106 | mg/kg | 0.106 | 1          | 7/ 8/96 | 2:02  | Holingwrth | 8020   |
| Xylenes, total | < 0.106 | mg/kg | 0.106 | 1          | 7/ 8/96 | 2:02  | Holingwrth | 8020   |
| TRPH           | 13200   | mg/kg | 10.6  | 1          | 7/ 9/96 | 15:02 | M.Himelick | 9073   |

**Sample Extraction Data**

BNA's Extracted 7/10/96 Wt extracted: 30.0 gm Extract Volume: 1.0 ml

**\*\* QUALITY CONTROL DATA \*\*****Surrogate Recoveries**

| Surrogate                    | % Recovery | Target Range |
|------------------------------|------------|--------------|
| GRD Surrogate, soil          | 119.       | 50 - 150     |
| NA Surrogate, Nitrobenzene   | 50.0       | 23 - 120     |
| BNA Surr., 2-Fluorobiphenyl  | 55.0       | 30 - 115     |
| BNA Surrogate, Terphenyl d14 | 63.0       | 18 - 140     |



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ANALYTICAL REPORT

DIRECTOR U.S. ARMY CORPS ENG. 5394  
CESAD LABORATORY  
611 SOUTH COBB DRIVE  
MARIETTA, GA 30060-3172

Lab Number: 96-A040480

Sample ID: 29442 28B T1 S-2

Date Collected: 7/ 2/96

Project: CALL #269

Time Collected: 11:50

Project Name:

Date Received: 7/ 6/96

Sampler: BOBBI THORN

Time Received: 8:30

State Certification:

Sample Type: Soil

Site I.D.:

\*\*\* QUALITY CONTROL DATA \*\*\*

Surrogate Recoveries

| Surrogate                           | % Recovery | Target Range |
|-------------------------------------|------------|--------------|
| BNA Surrogate, Phenol d5            | 45.0       | 10 - 115     |
| BNA Surrogate, 2-Fluorophenol       | 40.0       | 20 - 121     |
| BNA Surrogate, 2,4,6-Tribromophenol | 59.0       | 19 - 122     |

Report Approved By: Michael H. Dunn

Report Date: 7/16/96

Theodore J. Duello, Ph.D.  
Michael H. Dunn, M.S.  
Danny B. Hale, M.S.

**SPECIALIZED ASSAYS, INC.**

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**ANALYTICAL REPORT**

DIRECTOR U.S. ARMY CORPS ENG. 5394  
CESAD LABORATORY  
611 SOUTH COBB DRIVE  
MARIETTA, GA 30060-3172

Sample Location: 29443 TRIP BLANK  
FT. STEWART

Lab Number: 96-A040481

Date Collected: 7/ 2/96

Date Received: 7/ 6/96

Time Collected:

Time Received: 8:30

Sampler: B0331 THORN

Sample type: Water

**UNDERGROUND STORAGE TANK PARAMETERS**

| Analyte        | Result  | Units | Quan Limit | Dil Factor | Date    | Time | Analyst    | Method |
|----------------|---------|-------|------------|------------|---------|------|------------|--------|
| Benzene        | < 0.001 | mg/l  | 0.001      | 1          | 7/ 9/96 | 1:52 | Holingwrth | 8020   |
| Toluene        | < 0.001 | mg/l  | 0.001      | 1          | 7/ 9/96 | 1:52 | Holingwrth | 8020   |
| Ethylbenzene   | < 0.001 | mg/l  | 0.001      | 1          | 7/ 9/96 | 1:52 | Holingwrth | 8020   |
| Xylenes, total | < 0.001 | mg/l  | 0.001      | 1          | 7/ 9/96 | 1:52 | Holingwrth | 8020   |

**\*\* QUALITY CONTROL DATA \*\*****Surrogate Recoveries**

| Surrogate          | % Recovery | Target Range |
|--------------------|------------|--------------|
| BTEX/BRO Surrogate | 91.        | 50 - 150     |

Report Approved By:

Michael H. Dunn

Report Date: 7/16/96

Theodore J. Duello, Ph.D.  
Michael H. Dunn, M.S.  
Danny B. Hale, M.S.

**SPECIALIZED ASSAYS, INC.**

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**PROJECT QUALITY CONTROL DATA**

DIRECTOR U.S. ARMY CORPS ENG. 5394

Report Number: 96-A040482

Sample I.D.: METHOD BLANK

Lab Project: 47374

Project: CALL #269

Date Received: 7/ 6/96

\*\*\*\*\*

**\*\* UST Soike/Duplicate Results \*\***

| Compound       | %Recovery | Target Range | Precision<br>RPD | Target Range |
|----------------|-----------|--------------|------------------|--------------|
| Benzene QC     | 113.      | 70 - 130     | -6.1             | 0 - 20       |
| Toluene QC     | 110.      | 70 - 130     | -9.5             | 0 - 20       |
| 1 benzene QC   | 117.      | 70 - 130     | -15.3            | 0 - 20       |
| ene QC         | 97.       | 70 - 130     | 8.3              | 0 - 20       |
| Oil and Grease | 98.       | 75 - 125     | 0.5              | 0 - 25       |

**\*\* Organics Spike/Duplicate Results \*\***

| Compound                 | %Recovery | Target Range | Precision<br>RPD | Target Range |
|--------------------------|-----------|--------------|------------------|--------------|
| Phenol                   | 82.       | 26 - 90      | 1.4              | 0 - 35       |
| 2-Chlorophenol           | 90.       | 25 - 102     | 1.0              | 0 - 50       |
| 1,4-Dichlorobenzene      | 78.       | 28 - 104     | 1.2              | 0 - 27       |
| Nitroso-di-n-propylamine | 100.      | 41 - 126     | 7.5              | 0 - 38       |
| 1,2,4-Trichlorobenzene   | 101.      | 38 - 107     | 2.1              | 0 - 23       |
| 4-Chloro-3-methylphenol  | 98.       | 26 - 103     | 2.2              | 0 - 33       |
| Acenaphthene             | 100.      | 31 - 137     | 4.9              | 0 - 19       |
| 4-Nitrophenol            | 112.      | 11 - 114     | 8.4              | 0 - 50       |
| 2,4-Dinitrotoluene       | 103.      | 28 - 100     | 6.9              | 0 - 47       |
| Pentachlorophenol        | 107.      | 17 - 109     | 7.0              | 0 - 47       |
| Pyrene                   | 93.       | 35 - 142     | 7.7              | 0 - 36       |

**\*\* Semi-Volatile Organics Method Blank Results \*\*\***

| Compound       | Result | Flag | Units | Method |
|----------------|--------|------|-------|--------|
| Acenaphthene   | 330.   | U    | ug/kg | 8270B  |
| Acenaphthylene | 330.   | U    | ug/kg | 8270B  |



**SPECIALIZED ASSAYS, INC.**

2960 Foster Creighton Dr.  
P.O. Box 40566  
Nashville, TN 37204-0566  
Phone 1-615-726-0177

**PROJECT QUALITY CONTROL DATA**

DIRECTOR U.S. ARMY CORPS ENG. 5394

Report Number: 96-A040482

Sample I.D.: METHOD BLANK

Lab Project: 47374

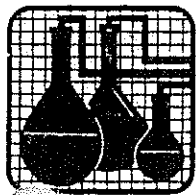
Project: CALL #269

Date Received: 7/ 6/96

\*\*\*\*\*

## \*\* Semi-Volatile Organics Method Blank Results \*\*

| Compound                    | Result | Flag | Units | Method |
|-----------------------------|--------|------|-------|--------|
| Anthracene                  | 330.   | U    | ug/kg | 8270B  |
| Benzo (a)anthracene         | 330.   | U    | ug/kg | 8270B  |
| Benzo (a)pyrene             | 330.   | U    | ug/kg | 8270B  |
| Benzo (b)fluoranthene       | 330.   | U    | ug/kg | 8270B  |
| Benzo (g,h,i)perylene       | 330.   | U    | ug/kg | 8270B  |
| Benzo (k)fluoranthene       | 330.   | U    | ug/kg | 8270B  |
| Biphenylphenylether         | 330.   | U    | ug/kg | 8270B  |
| Butylbenzylphthalate        | 330.   | U    | ug/kg | 8270B  |
| Carbazole                   | 330.   | U    | ug/kg | 8270B  |
| 4-Chloro-3-methylphenol     | 330.   | U    | ug/kg | 8270B  |
| 4-Chloroaniline             | 330.   | U    | ug/kg | 8270B  |
| bis(2-Chloroethoxy)methane  | 330.   | U    | ug/kg | 8270B  |
| bis(2-Chloroethyl)ether     | 330.   | U    | ug/kg | 8270B  |
| bis(2-Chloroisopropyl)ether | 330.   | U    | ug/kg | 8270B  |
| 2-Chloronaphthalene         | 330.   | U    | ug/kg | 8270B  |
| 2-Chlorophenol              | 330.   | U    | ug/kg | 8270B  |
| 4-Chlorophenylphenylether   | 330.   | U    | ug/kg | 8270B  |
| Chrysene                    | 330.   | U    | ug/kg | 8270B  |
| Dibenzofuran                | 330.   | U    | ug/kg | 8270B  |
| Dibenz (a,h)anthracene      | 330.   | U    | ug/kg | 8270B  |
| 1,2-Dichlorobenzene         | 330.   | U    | ug/kg | 8270B  |
| 1,3-Dichlorobenzene         | 330.   | U    | ug/kg | 8270B  |
| 1,4-Dichlorobenzene         | 330.   | U    | ug/kg | 8270B  |
| 3,3'-Dichlorobenzidine      | 670.   | U    | ug/kg | 8270B  |
| 2,4-Dichlorophenol          | 330.   | U    | ug/kg | 8270B  |
| Diethylphthalate            | 330.   | U    | ug/kg | 8270B  |
| 2,4-Dimethylphenol          | 330.   | U    | ug/kg | 8270B  |
| Dimethylphthalate           | 330.   | U    | ug/kg | 8270B  |
| Di-n-butylphthalate         | 330.   | U    | ug/kg | 8270B  |
| 4,6-Dinitro-2-methylphenol  | 830.   | U    | ug/kg | 8270B  |
| 2,4-Dinitrophenol           | 830.   | U    | ug/kg | 8270B  |
| 2-Nitrotoluene              | 330.   | U    | ug/kg | 8270B  |
| 4-Nitrotoluene              | 330.   | U    | ug/kg | 8270B  |
| Di-n-octylphthalate         | 330.   | U    | ug/kg | 8270B  |

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**PROJECT QUALITY CONTROL DATA**

DIRECTOR U.S. ARMY CORPS ENG. 5394

Report Number: 96-A040482

Sample I.D.: METHOD BLANK

Lab Project: 47374

Project: CALL #269

Date Received: 7/ 6/96

\*\*\*\*\*

\*\* Semi-Volatile Organics Method Blank Results \*\*\*

| Compound                   | Result | Flag | Units | Method |
|----------------------------|--------|------|-------|--------|
| Fluoranthene               | 330.   | U    | ug/kg | 8270B  |
| Fluorene                   | 330.   | U    | ug/kg | 8270B  |
| Hexachlorobenzene          | 330.   | U    | ug/kg | 8270B  |
| Hexachlorobutadiene        | 330.   | U    | ug/kg | 8270B  |
| Hexachlorocyclopentadiene  | 330.   | U    | ug/kg | 8270B  |
| 1,1-Dichloroethane         | 330.   | U    | ug/kg | 8270B  |
| Benzo(1,2,3-cd)pyrene      | 330.   | U    | ug/kg | 8270B  |
| Isophorone                 | 330.   | U    | ug/kg | 8270B  |
| 2-Methylnaphthalene        | 330.   | U    | ug/kg | 8270B  |
| 2-Methylphenol             | 330.   | U    | ug/kg | 8270B  |
| m,p-Methylphenol           | 330.   | U    | ug/kg | 8270B  |
| Naphthalene                | 330.   | U    | ug/kg | 8270B  |
| 2-Nitroaniline             | 830.   | U    | ug/kg | 8270B  |
| 3-Nitroaniline             | 830.   | U    | ug/kg | 8270B  |
| 4-Nitroaniline             | 830.   | U    | ug/kg | 8270B  |
| Nitrobenzene               | 330.   | U    | ug/kg | 8270B  |
| 2-Nitrophenol              | 330.   | U    | ug/kg | 8270B  |
| 4-Nitrophenol              | 830.   | U    | ug/kg | 8270B  |
| N-nitrosodi-n-propylamine  | 330.   | U    | ug/kg | 8270B  |
| N-nitrosodiphenylamine     | 330.   | U    | ug/kg | 8270B  |
| Pentachlorophenol          | 830.   | U    | ug/kg | 8270B  |
| Phenanthrene               | 330.   | U    | ug/kg | 8270B  |
| Phenol                     | 330.   | U    | ug/kg | 8270B  |
| Pyrene                     | 330.   | U    | ug/kg | 8270B  |
| Bis(2-ethylhexyl)phthalate | 330.   | U    | ug/kg | 8270B  |
| 1,2,4-Trichlorobenzene     | 330.   | U    | ug/kg | 8270B  |
| 2,4,5-Trichlorophenol      | 830.   | U    | ug/kg | 8270B  |
| 2,4,6-Trichlorophenol      | 330.   | U    | ug/kg | 8270B  |

*Michael A. Pinner*



SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.  
P.O. Box 40566  
Nashville, TN 37204-0566  
Phone 1-615-726-0177

PROJECT QUALITY CONTROL DATA

DIRECTOR U.S. ARMY CORPS ENG. 5394

Report Number: 96-A040482

Sample I.D.: METHOD BLANK

Lab Project: 47374

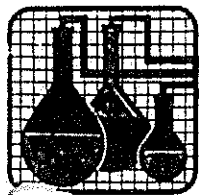
Project: CALL #269

Date Received: 7/ 6/96

\*\*\*\*\*

\*\* Inorganics Method Blank Results \*\*\*

| Compound | Result | Flag | Units | Method |
|----------|--------|------|-------|--------|
|----------|--------|------|-------|--------|



SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.  
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Nashville, TN 37204-0566  
Phone 1-615-726-0177

PROJECT QUALITY CONTROL DATA

DIRECTOR U.S. ARMY CORPS ENG. 5394

Report Number: 96-A040490

Sample I.D.:

Lab Project: 47374

Project: CALL #269

Date Received: 7/ 6/96

\*\*\*\*\*

\*\* UST Spike/Duplicate Results \*\*

| Compound | %Recovery | Target Range | Precision<br>RPD | Target Range |
|----------|-----------|--------------|------------------|--------------|
| Benzene  | 95.       | 70 - 130     | 5.1              | 0 - 20       |
| Toluene  | 95.       | 70 - 130     | 5.1              | 0 - 20       |
| o-xylene | 95.       | 70 - 130     | 5.1              | 0 - 20       |
| m-xylene | 95.       | 70 - 130     | 5.1              | 0 - 20       |

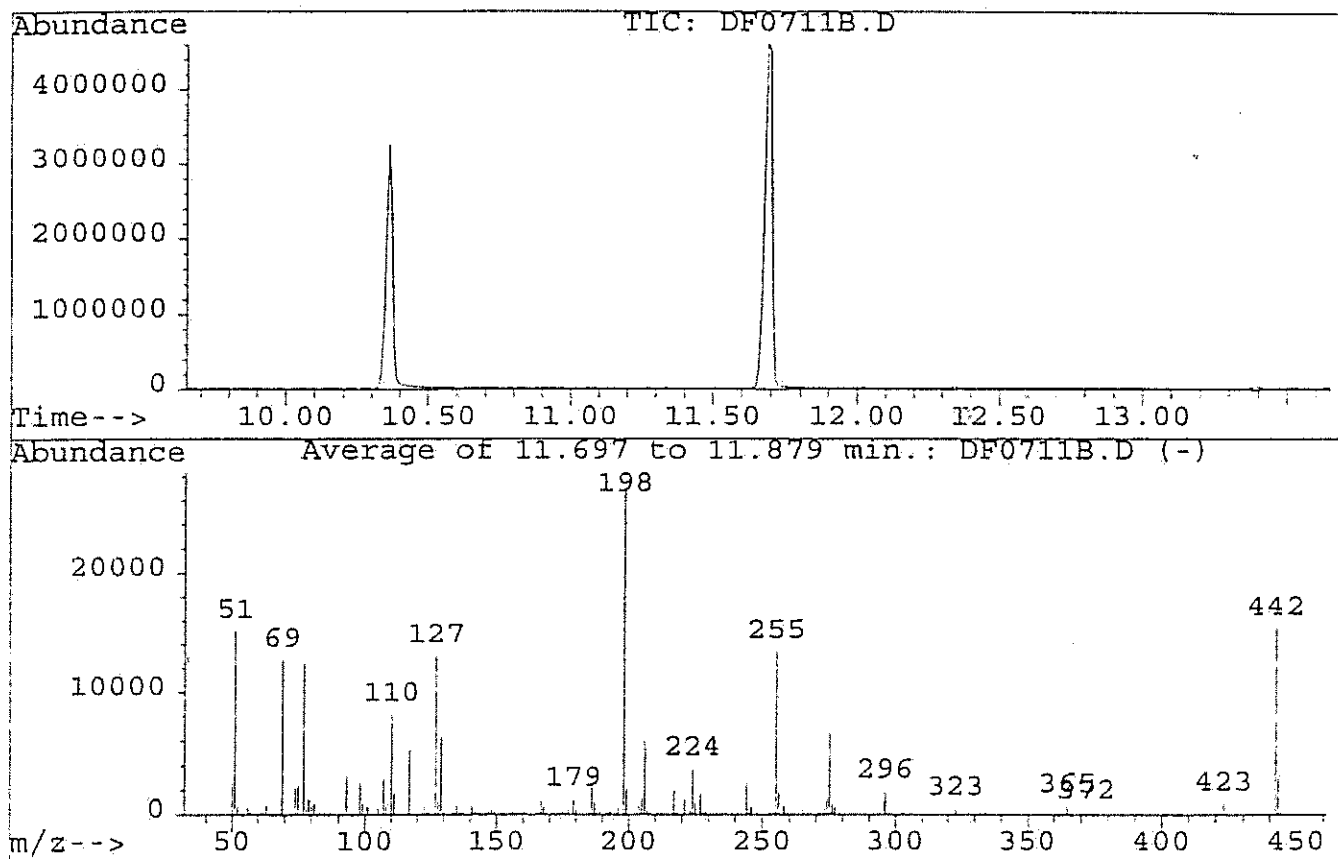
*Michael A. Dunn*

## DFTPP

Data File : C:\HPCHEM\1\DATA\DF0711B.D  
Acq On : 12 Jul 96 1:09 am  
Sample : TUNE  
Misc :

Vial: 2  
Operator: HP4  
Inst : 5972 - In  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8270.M  
Title : 8270 BNA



Peak Apex is scan: 945

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|-------------|--------------|--------------|--------------|-----------|---------|------------------|
| 51          | 198          | 30           | 60           | 56.1      | 15183   | PASS             |
| 68          | 69           | 0            | 2            | 0.5       | 60      | PASS             |
| 69          | 198          | 0            | 100          | 47.1      | 12745   | PASS             |
| 70          | 69           | 0            | 2            | 0.1       | 16      | PASS             |
| 127         | 198          | 40           | 60           | 48.5      | 13105   | PASS             |
| 197         | 198          | 0            | 1            | 0.1       | 16      | PASS             |
| 198         | 198          | 100          | 100          | 100.0     | 27045   | PASS             |
| 199         | 198          | 5            | 9            | 7.9       | 2124    | PASS             |
| 275         | 198          | 10           | 30           | 25.0      | 6748    | PASS             |
| 365         | 198          | 1            | 100          | 2.7       | 743     | PASS             |
| 441         | 443          | 0            | 100          | 2.7       | 82      | PASS             |
| 442         | 198          | 40           | 100          | 57.2      | 15461   | PASS             |
| 443         | 442          | 17           | 23           | 19.5      | 3008    | PASS             |

## Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\CC0711B.D

Acq On : 12 Jul 96 1:44 am

Sample : 50 PPM CON CAL

Misc :

Vial: 3

Operator: HP4

Inst : 5972 - In

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8270.M

Title : 8270 BNA

Last Update : Tue Jul 09 17:56:52 1996

Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.50min

Max. RRF Dev : 20% Max. Rel. Area : 200%

|       | Compound                     | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|-------|------------------------------|-------|-------|-------|-------|----------|
| 1 I   | 1,4-Dichlorobenzene-d4       | 1.000 | 1.000 | 0.0   | 119   | -0.10    |
| 2 T   | Pyridine                     | 1.923 | 2.071 | -7.7  | 146   | -0.12    |
| 3 T   | N-Nitrosodimethylamine       | 1.217 | 1.362 | -11.9 | 109   | -0.11    |
| 4 S   | 2-Fluorophenol               | 1.732 | 1.613 | 6.9   | 115   | -0.07    |
| 5 T   | Aniline                      | 1.859 | 1.798 | 3.3   | 127   | -0.10    |
| 6 T   | bis(2-Chloroethyl) ether     | 2.153 | 1.798 | 16.5  | 98    | -0.13    |
| 7 S   | Phenol-d5                    | 2.258 | 2.280 | -1.0  | 125   | -0.07    |
| 8 MC  | Phenol                       | 2.283 | 2.226 | 2.5   | 121   | -0.07    |
| 9 M   | 2-Chlorophenol               | 1.465 | 1.421 | 3.0   | 122   | -0.09    |
| 10 T  | 1,3-Dichlorobenzene          | 1.247 | 1.268 | -1.6  | 131   | -0.11    |
| 11 MC | 1,4-Dichlorobenzene          | 1.847 | 1.785 | 3.4   | 115   | -0.10    |
| 12 T  | Benzyl Alcohol               | 1.598 | 1.564 | 2.2   | 121   | -0.10    |
| 13 T  | 1,2-Dichlorobenzene          | 1.482 | 1.425 | 3.9   | 119   | -0.11    |
| 14 T  | bis(2-Chloroisopropyl) ether | 0.427 | 0.413 | 3.2   | 122   | -0.10    |
| 15 T  | 2-Methylphenol               | 1.499 | 1.453 | 3.0   | 122   | -0.08    |
| 16 T  | Hexachloroethane             | 0.692 | 0.664 | 4.1   | 119   | -0.12    |
| 17 MP | N-Nitroso-di-n-propylamine   | 1.321 | 1.365 | -3.3  | 129   | -0.10    |
| 18 T  | 3&4-Methylphenol             | 1.854 | 1.996 | -7.7  | 127   | -0.08    |
| 19 I  | Naphthalene-d8               | 1.000 | 1.000 | 0.0   | 121   | -0.12    |
| 20 S  | Nitrobenzene-d5              | 0.514 | 0.464 | 9.8   | 109   | -0.10    |
| 21 T  | Nitrobenzene                 | 0.460 | 0.444 | 3.3   | 121   | -0.11    |
| 22 T  | Isophorone                   | 0.872 | 0.808 | 7.4   | 116   | -0.11    |
| 23 TC | 2-Nitrophenol                | 0.204 | 0.189 | 7.6   | 114   | -0.11    |
| 24 T  | 2,4-Dimethylphenol           | 0.422 | 0.410 | 2.7   | 122   | -0.09    |
| 25 T  | bis(2-Chloroethoxy) methane  | 0.469 | 0.418 | 10.8  | 112   | -0.11    |
| 26 TC | 2,4-Dichlorophenol           | 0.273 | 0.264 | 3.0   | 122   | -0.09    |
| 27 T  | Benzoic Acid                 | 0.102 | 0.182 | -78.2 | 178   | -0.05    |
| 28 M  | 1,2,4-Trichlorobenzene       | 0.270 | 0.260 | 3.8   | 121   | -0.13    |
| 29 T  | Naphthalene                  | 0.985 | 0.988 | -0.3  | 118   | -0.12    |
| 30 T  | 4-Chloroaniline              | 0.426 | 0.393 | 7.7   | 119   | -0.11    |
| 31 TC | Hexachlorobutadiene          | 0.138 | 0.139 | -1.1  | 128   | -0.13    |
| 32 MC | 4-Chloro-3-methylphenol      | 0.351 | 0.331 | 5.7   | 117   | -0.09    |
| 33 T  | 2-Methylnaphthalene          | 0.636 | 0.601 | 5.5   | 120   | -0.14    |
| 34 I  | Acenaphthene-d10             | 1.000 | 1.000 | 0.0   | 120   | -0.18    |
| 35 TP | Hexachlorocyclopentadiene    | 0.224 | 0.127 | 43.1  | 67    | -0.16    |
| 36 TC | 2,4,6-Trichlorophenol        | 0.341 | 0.338 | 0.9   | 123   | -0.13    |
| 37 T  | 2,4,5-Trichlorophenol        | 0.375 | 0.338 | 9.8   | 112   | -0.20    |
| 38 S  | 2-Fluorobiphenyl             | 1.409 | 1.369 | 2.8   | 121   | -0.15    |
| 39 T  | 2-Chloronaphthalene          | 1.134 | 1.093 | 3.6   | 119   | -0.16    |
| 40 T  | 2-Nitroaniline               | 0.450 | 0.419 | 7.0   | 115   | -0.15    |
| 41 T  | Acenaphthylene               | 1.889 | 1.755 | 7.1   | 116   | -0.18    |
| 42 T  | Dimethylphthalate            | 1.352 | 1.258 | 6.9   | 116   | -0.16    |
| 43 T  | 2,6-Dinitrotoluene           | 0.339 | 0.319 | 5.9   | 119   | -0.17    |
| 44 T  | 3-Nitroaniline               | 0.338 | 0.332 | 1.9   | 122   | -0.17    |

|       |                            |       |       |       |     |       |
|-------|----------------------------|-------|-------|-------|-----|-------|
| 45 MC | Acenaphthene               | 1.149 | 1.106 | 3.7   | 121 | -0.18 |
| 46 TP | 2,4-Dinitrophenol          | 0.168 | 0.087 | 47.8  | 58  | -0.18 |
| 47 T  | Dibenzofuran               | 1.581 | 1.516 | 4.1   | 120 | -0.19 |
| 48 M  | 2,4-Dinitrotoluene         | 0.438 | 0.417 | 4.8   | 117 | -0.19 |
| 49 MC | 4-Nitrophenol              | 0.351 | 0.373 | -6.2  | 132 | -0.06 |
| 50 T  | Fluorene                   | 1.318 | 1.301 | 1.3   | 123 | -0.20 |
| 51 T  | 4-Chlorophenyl-phenylether | 0.565 | 0.565 | 0.0   | 125 | -0.19 |
| 52 T  | Diethylphthalate           | 1.433 | 1.345 | 6.1   | 117 | -0.19 |
| 53 T  | 4-Nitroaniline             | 0.291 | 0.311 | -6.8  | 127 | -0.19 |
| 54 T  | Azobenzene                 | 1.954 | 1.847 | 5.5   | 122 | -0.20 |
| 55 I  | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 123 | -0.23 |
| 56 T  | 4,6-Dinitro-2-methylphenol | 0.148 | 0.086 | 41.5  | 69  | -0.19 |
| 57 TC | N-Nitrosodiphenylamine     | 0.510 | 0.470 | 7.8   | 117 | -0.20 |
| 58 S  | 2,4,6-Tribromophenol       | 0.094 | 0.097 | -3.1  | 131 | -0.19 |
| 59 T  | 4-Bromophenyl-phenylether  | 0.147 | 0.143 | 2.8   | 125 | -0.22 |
| 60 T  | Hexachlorobenzene          | 0.176 | 0.176 | 0.4   | 126 | -0.23 |
| 61 MC | Pentachlorophenol          | 0.109 | 0.105 | 3.8   | 116 | -0.19 |
| 62 T  | Phenanthrene               | 1.013 | 0.967 | 4.5   | 121 | -0.23 |
| 63 T  | Anthracene                 | 1.060 | 0.991 | 6.5   | 118 | -0.23 |
| 64 T  | Carbazole                  | 0.794 | 0.854 | -7.6  | 134 | -0.23 |
| 65 T  | Di-n-butylphthalate        | 1.522 | 1.406 | 7.6   | 116 | -0.24 |
| 66 TC | Fluoranthene               | 1.015 | 0.969 | 4.5   | 121 | -0.26 |
| 67 I  | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 126 | -0.27 |
| 68 T  | Benzidine                  | 0.531 | 0.163 | 69.3  | 38  | -0.27 |
| 69 M  | Pyrene                     | 1.406 | 1.292 | 8.1   | 120 | -0.26 |
| 70 S  | Terphenyl-d14              | 0.977 | 0.913 | 6.5   | 123 | -0.26 |
| 71 T  | Butylbenzylphthalate       | 0.948 | 0.854 | 10.0  | 117 | -0.26 |
| 72 T  | 3,3'-Dichlorobenzidine     | 0.335 | 0.369 | -10.2 | 154 | -0.26 |
| 73 T  | Benzo[a]anthracene         | 1.189 | 1.075 | 9.6   | 119 | -0.28 |
| 74 T  | Chrysene                   | 1.159 | 1.085 | 6.4   | 123 | -0.27 |
| 75 T  | bis(2-Ethylhexyl)phthalate | 1.419 | 1.270 | 10.5  | 116 | -0.25 |
| 76 I  | Perylene-d12               | 1.000 | 1.000 | 0.0   | 100 | -0.28 |
| 77 TC | Di-n-octylphthalate        | 2.478 | 2.840 | -14.6 | 117 | -0.26 |
| 78 T  | Benzo[b]fluoranthene       | 1.301 | 1.391 | -6.9  | 117 | -0.28 |
| 79 T  | Benzo[k]fluoranthene       | 0.908 | 1.001 | -10.2 | 103 | -0.28 |
| 80 TC | Benzo[a]pyrene             | 1.033 | 1.029 | 0.4   | 103 | -0.28 |
| 81 T  | Indeno[1,2,3-cd]pyrene     | 1.143 | 0.762 | 33.4  | 71  | -0.30 |
| 82 T  | Dibenz[a,h]anthracene      | 1.082 | 0.770 | 28.8  | 74  | -0.30 |
| 83 T  | Benzo[g,h,i]perylene       | 1.058 | 0.660 | 37.5  | 65  | -0.33 |

(#) = Out of Range  
050711.D 8270.M

SPCC's out = 0 CCC's out = 0  
Fri Jul 12 08:09:12 1996 HP-4

(EIR 1110-1-263)

[illegible]



TAB 9

MANIFESTS

28B

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 P Management, Inc.  
C/O Reynolds Constr 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 |
|----------------------------------------|---------------|------|-------------------|-----------------|
|                                        | No.           | Type |                   |                 |
| 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 # 28B

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<br>Tom C. Fry | Signature<br>Tom C. Fry | Month<br>08 | Day<br>06 | Year<br>96 |
|----------------------------------|-------------------------|-------------|-----------|------------|

13. Transporter 1 Acknowledgement of Receipt of Materials

|                                      |                             |             |           |            |
|--------------------------------------|-----------------------------|-------------|-----------|------------|
| Printed/Typed Name<br>ROBERT STOVALL | Signature<br>Robert Stovall | Month<br>08 | Day<br>12 | Year<br>96 |
|--------------------------------------|-----------------------------|-------------|-----------|------------|

14. Transporter 2 Acknowledgement of Receipt of Materials

|                    |           |             |           |            |
|--------------------|-----------|-------------|-----------|------------|
| Printed/Typed Name | Signature | Month<br>08 | Day<br>12 | Year<br>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<br>08 | Day<br>12 | Year<br>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. 22

Customer Triple "R" Mgmt.

Description Pcs

Project Number RRR-104

Location H. Stewart

County Liberty

47040 lb Net

23000 lb Tare

70040 lb+ Gross

02:02 PM AU 12 96

Signature of Weigher \_\_\_\_\_

TONS: 23,52

TOTAL TONS: 452.50  
~~433.99~~

TRUCKER Yobndriv

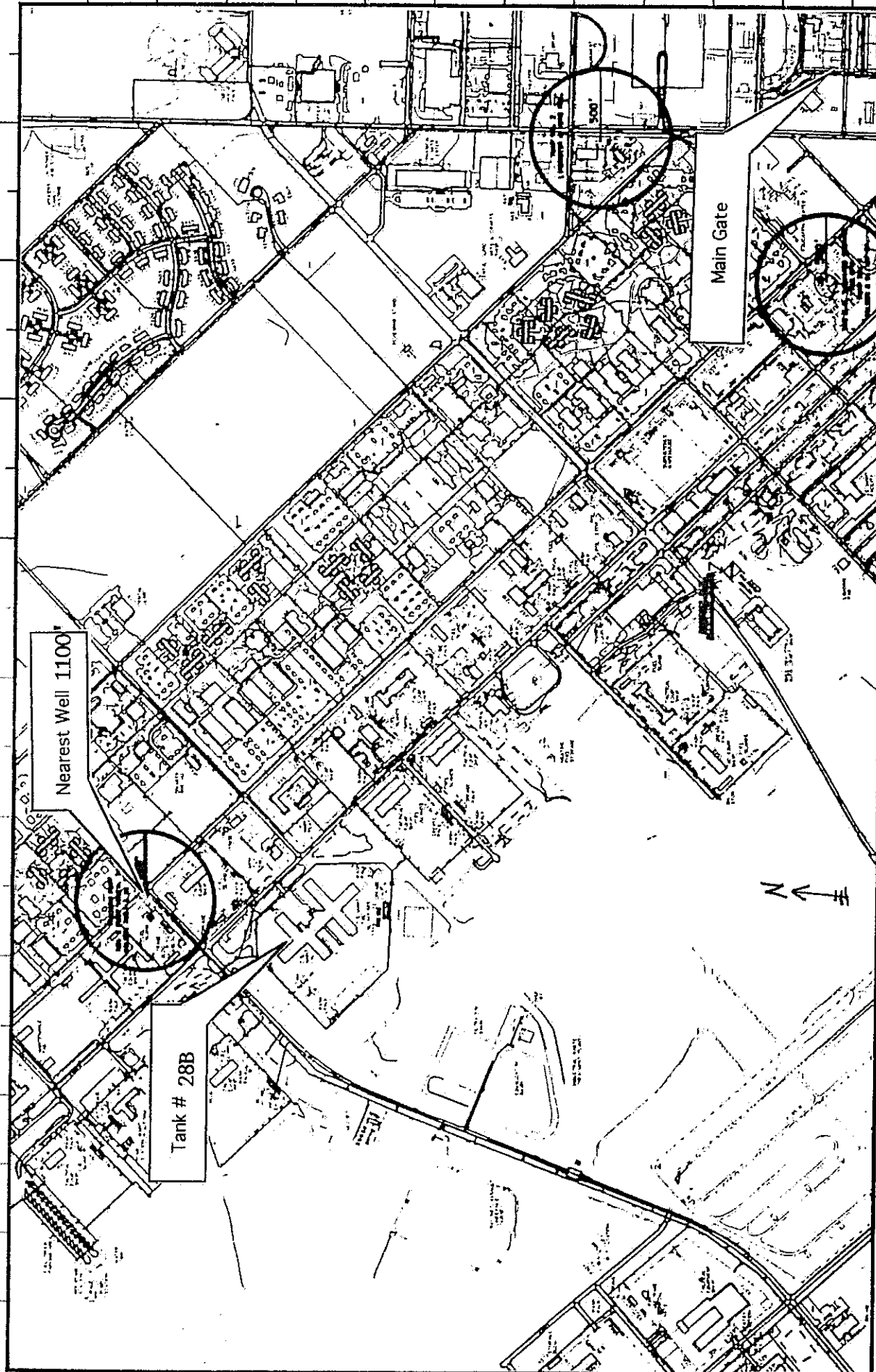
TRUCK NO. 33

DRIVER Robert Slonal

TICKET NO. 58846

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

DR. AJR CH'D SRC DR. APP. DFB  
ENGR. ENGR'G DEPT.  
DATE 9 Oct 96 SCALE 1"=1000'

Area Map for Tank # 28B

Fort Stewart

Hinesville, Georgia

DRAWING NO.: FIGURE 1