

U.S. ARMY CORPS OF ENGINEERS, SAVANNAH DISTRICT  
CONTRACT DACA21-92-D-0002, DELIVERY ORDER #0102

## **CLOSURE REPORT**

USED OIL TANK  
BUILDING 1312, TANK 109  
FACILITY ID NUMBER: 9-025105  
HUNTER ARMY AIR FIELD  
SAVANNAH, GEORGIA

PREPARED BY:

**ANDERSON COLUMBIA ENVIRONMENTAL, INC.**

DECEMBER 1996

US Army Corps of Engineers  
Delivery Order 0102  
Hunter Army Air Field, Savannah, Georgia  
Underground Storage Tank Removal and Closure

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Prepared by

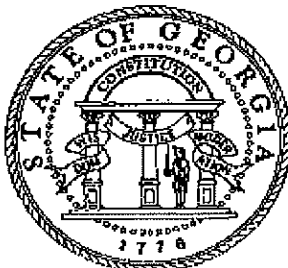
*Anderson Columbia Environmental, Inc.*

TAB 1

Georgia Closure 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/Fort Stewart  
Phone Number: (912) 767-2010/1234  
Company: US Army  
Address: Cdr. 3rd Inf. Div. (Mech.), Attn: AFZP-DEV, Bldg. 1139  
Pt. 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: Hunter Army Airfield/FAC 1312  
Street Address: FAC 1312  
Savannah GA 31402-5026  
(city) (state) (zip code)  
Facility ID# 9-025105

### 3. Contract Certification:

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

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

Signature: \_\_\_\_\_ Date: 12/10/96

4. Site-specific Hydrogeology:

Depth to Groundwater \_\_\_\_\_ ft. if encountered

☒ Not Applicable

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

**REFER TO TAB 5**

- Tank Pit Area
- Sewer Lines (if present)
- Sample Locations (with sample numbers and depths)
- Scale: 1" = 10'
- 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: 11-Sep-96

- Tank Information: 

| <u>Tank #</u> | <u>Tank Size (gallons)</u> | <u>Tank Contents</u> |
|---------------|----------------------------|----------------------|
| 109           | 1000                       | Used Oil             |
|               |                            |                      |
|               |                            |                      |
|               |                            |                      |

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

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

**REFER TO TAB 6**

**REFER TO TAB 6**

7. Laboratory Analytical Data: The following items must be included on attached copies

**REFER TO TAB 7**

- Laboratory Method
- Date of Sampling
- Date of Analysis
- Dectection Limits
- Signed Chain of Custody
- 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)

30.07 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, 10**

11. Conclusions or Recommendations: Choose one.

☐ Clean Closure, thus No Further Action is Required.

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

# TAB 4

## Site Photographs

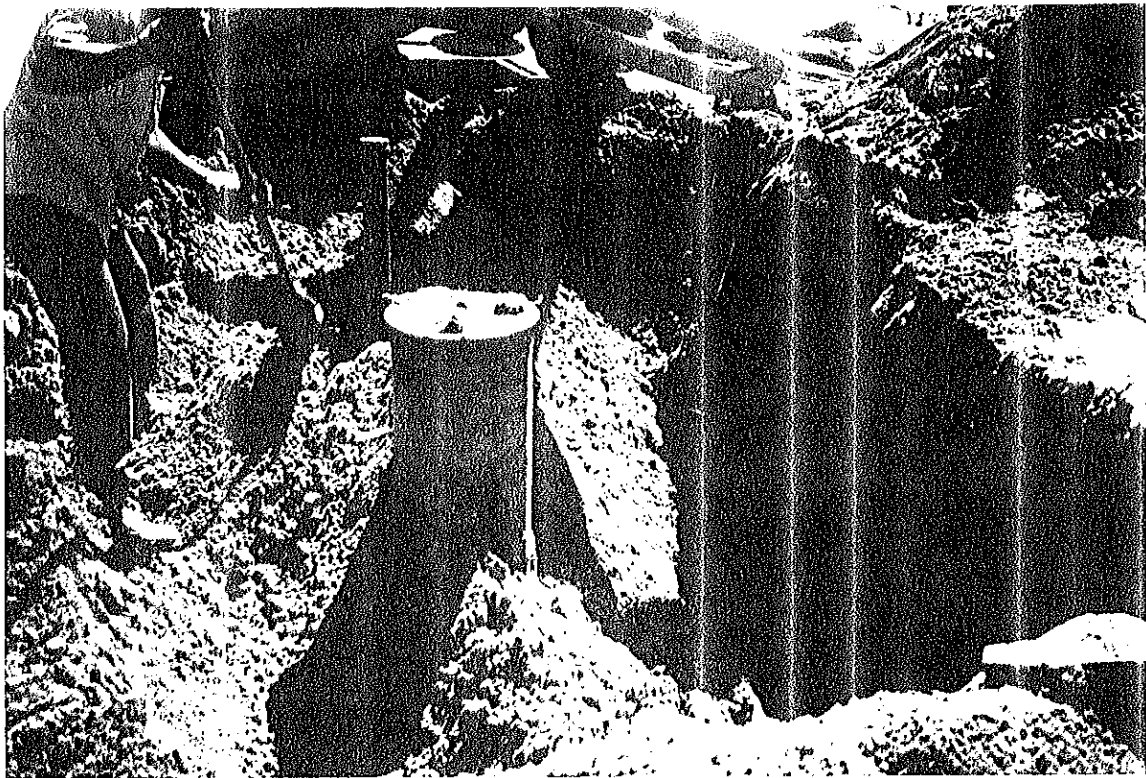


Photo 1. ACE tank removal specialists prepare the tank for removal.

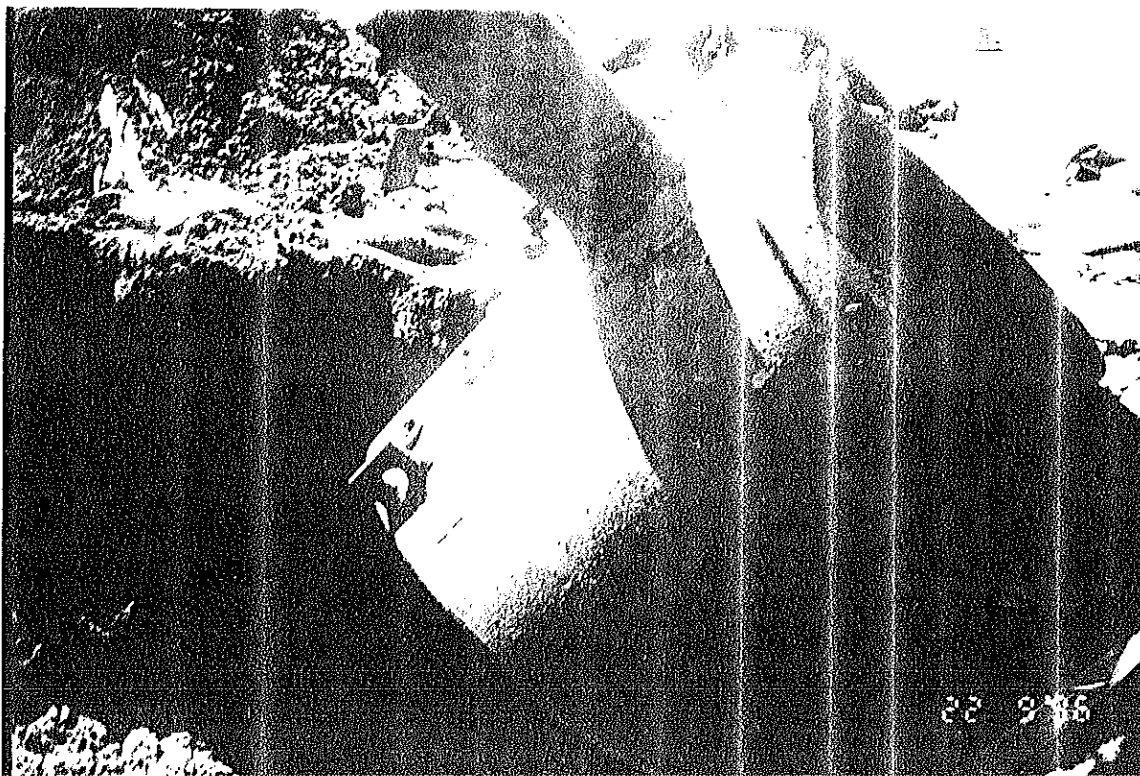
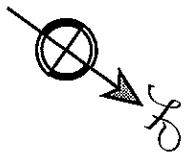


Photo 2. The tank being removed from the excavation pit..



**TAB 5**

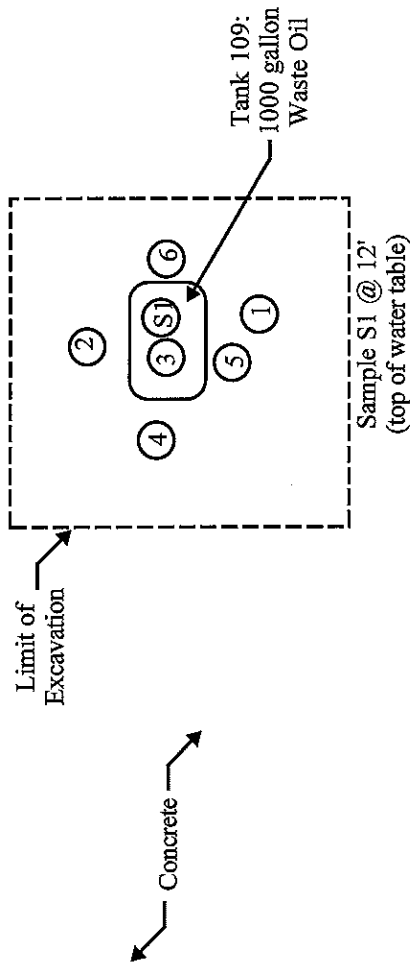
**Site Map**



Building 1310



57'



| Sample | Depth | FID  | Methane |
|--------|-------|------|---------|
| 1      | 4'    | 2600 |         |
| 2      | 6'    | 2000 |         |
| 3      | 6'    | 1500 |         |
| 4      | 7'    | 1600 | 0       |
| 5      | 10'   | 1900 |         |
| 6      | 10'   | 1200 |         |

LEGEND

- (S1) Location of Closure Sample
- (4) FID Sample Location

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: 16 December 96 SCALE: 1" = 10'

Sampling Map - Building 1310  
Tank 109

Hunter AAF, Savannah, Georgia

Delivery Order 102

FIGURE NO.: 1

## TAB 6

### EPA Form 7530-1 and Field Assessment Methods

STATE OF GEORGIA  
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

state use only

Part I: Facility Data

FACILITY ID NUMBER: 9-025105

OWNER'S ID: 197

INITIAL DATE RECEIVED: 12-28-1992

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 : HUNTER AAF / FAC 1312  
Street Address : FAC 1312  
City : SAVANNAH State: GEORGIA Zip Code: 31402-5026  
County : CHATHAM 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                     | 9-025105                            |  |  |  |  |
| TANK ID                         | 109                                 |  |  |  |  |
| <b>Status of Tank</b>           |                                     |  |  |  |  |
| Currently in Use                | <input checked="" type="checkbox"/> |  |  |  |  |
| Temp. Out of Use                |                                     |  |  |  |  |
| Perm. Out of Use                | <input checked="" type="checkbox"/> |  |  |  |  |
| Date of Installation            | 01-01-1987                          |  |  |  |  |
| Age                             | 9                                   |  |  |  |  |
| Est. Total Capacity             | 1,000                               |  |  |  |  |
| <b>MATERIAL OF CONSTRUCTION</b> |                                     |  |  |  |  |
| Asphalt or Bare Steel           | <input checked="" type="checkbox"/> |  |  |  |  |
| Cath. Protected Steel           |                                     |  |  |  |  |
| Epoxy Coated Steel              |                                     |  |  |  |  |
| Composite                       |                                     |  |  |  |  |
| Fiberglass Reinf. Plas.         |                                     |  |  |  |  |
| Lined Interior                  |                                     |  |  |  |  |
| Double Walled                   |                                     |  |  |  |  |
| Poly. Tank Jacket               |                                     |  |  |  |  |
| Concrete                        |                                     |  |  |  |  |
| Excavation Liner                |                                     |  |  |  |  |
| Unknown                         |                                     |  |  |  |  |
| Other, Explanation              |                                     |  |  |  |  |
| Date Tank Repaired              |                                     |  |  |  |  |
| <b>PIPING MATERIAL</b>          |                                     |  |  |  |  |
| Bare Steel                      |                                     |  |  |  |  |
| Galvanized Steel                | <input checked="" type="checkbox"/> |  |  |  |  |
| Fiberglass                      |                                     |  |  |  |  |
| Copper                          |                                     |  |  |  |  |
| Cathodically Protected          |                                     |  |  |  |  |
| Double Walled                   |                                     |  |  |  |  |
| Secondary Containment           |                                     |  |  |  |  |
| Unknown                         |                                     |  |  |  |  |
| Other, Explanation              |                                     |  |  |  |  |
| Date Piping Installed           |                                     |  |  |  |  |
| <b>Piping Type</b>              |                                     |  |  |  |  |
| Suction; No Valve               |                                     |  |  |  |  |
| Suction; Valve                  |                                     |  |  |  |  |
| Pressure                        |                                     |  |  |  |  |
| Gravity Fed                     |                                     |  |  |  |  |
| Date Piping Repaired            |                                     |  |  |  |  |
| <b>Substance Stored in Tank</b> |                                     |  |  |  |  |
| Gasoline                        |                                     |  |  |  |  |
| Diesel                          |                                     |  |  |  |  |
| Gasohol                         |                                     |  |  |  |  |
| Kerosene                        |                                     |  |  |  |  |
| Heating Oil                     |                                     |  |  |  |  |
| Used Oil                        | <input checked="" type="checkbox"/> |  |  |  |  |
| Propane                         |                                     |  |  |  |  |
| Empty                           |                                     |  |  |  |  |
| Other, Explanation              |                                     |  |  |  |  |

STATE OF GEORGIA  
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part II: Tank Data

|                                 |          |         |      |        |      |        |      |        |      |        |  |
|---------------------------------|----------|---------|------|--------|------|--------|------|--------|------|--------|--|
| FACILITY ID                     | 9-025105 |         |      |        |      |        |      |        |      |        |  |
| TANK ID                         | 109      |         |      |        |      |        |      |        |      |        |  |
| <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             | 7/5/96   | 9/5/96  |      |        |      |        |      |        |      |        |  |
| Est. Date Closed                | 11/5/96  | 11/5/96 |      |        |      |        |      |        |      |        |  |
| Removed from Ground             | X        | X       |      |        |      |        |      |        |      |        |  |
| 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 Gauging          |          |         |      |        |      |        |      |        |      |        |  |
| Inter. Mon./Double Wall         |          |         |      |        |      |        |      |        |      |        |  |
| Groundwater Monitoring          |          |         |      |        |      |        |      |        |      |        |  |
| Manual Tank Gauging             |          |         |      |        |      |        |      |        |      |        |  |
| Vapor Monitoring                |          |         |      |        |      |        |      |        |      |        |  |
| Inter. Mon./Sec. Cont.          |          |         |      |        |      |        |      |        |      |        |  |
| Auto. Line Leak Detect.         |          |         |      |        |      |        |      |        |      |        |  |
| Line Tightness Testing          |          |         |      |        |      |        |      |        |      |        |  |
| Other Method                    |          |         |      |        |      |        |      |        |      |        |  |
| Other Description               |          |         |      |        |      |        |      |        |      |        |  |
| <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

### Laboratory Data Summary, Georgia Threshold Levels, Lab Data

## TAB 7 - Laboratory Analytical Data

Delivery Order #102

Hunter AAF, Savannah, Georgia

Tank Number 109

Building Number 1312

| <i>Method</i><br><b>Sample ID</b><br><i>unit</i> | 8015A<br><b>DRO</b><br>ppm | 8015A<br><b>GRO</b><br>ppm | 418.1<br><b>TPH</b><br>ppm | 8020<br><b>BTEX</b><br>ppb | 8270B<br><b>Semi-Volatile Organics</b><br>ppb |
|--------------------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------------------------|
| 8102-TK 109-S1                                   |                            |                            | 1604                       | 10890                      | 10817                                         |
| bdl= below method detection limits               |                            |                            |                            |                            |                                               |

\*\*Hunter Army Airfield is in an area of 'High or Average Groundwater pollution susceptibility' and this tank is approximately 2200 feet from a withdrawal point. Comparisons should be made to Table A for contaminants >500 feet from a withdrawal point.

30.07 tons of petroleum contaminated soil was removed from the Tank 109 pit.

### *Complete Data Package Follows*

Table A

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 |
| <b>VOLATILE ORGANIC<br/>COMPOUNDS</b>        |                                                                                                                                                                                                |                                  |                                                                                                                                                                                   |                                  |
| 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                     |
| <b>POLYNUCLEAR AROMATIC<br/>HYDROCARBONS</b> |                                                                                                                                                                                                |                                  |                                                                                                                                                                                   |                                  |
| 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>                 |

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

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

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

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.

## ECOSYS

LABORATORY SERVICES

ANALYTICAL  
REPORT

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

Client Code 29112221  
Ledger Number 108244  
P.O. Number  
Date Received 09/12/96  
Time Received 17:00  
Reporting Date 10/04/96

USACE-SAVANNAH DISTRICT  
Mark Harvison  
EN-GG/Mark Harvison, 100 West Oglethorpe Ave  
Savannah, GA 31401-3640  
P: 912-652-5151 F: 912-652-5311

Lab Sample ID AB38778 Client Site # 8102  
Project # HUNTER AAF 8102 Client Sample # BLDG 1310-23-24-GW  
Project Name UST REMOVALS AT HUNTER AAF  
Sampling Date/Time 09/10/96 09:05

| METHOD             | ANALYTE                      | TEST CODE | RESULT    | MDL                | UNITS | Dilution<br>Factor | CAS #    | ANALYST | DATE OF<br>ANALYSIS |
|--------------------|------------------------------|-----------|-----------|--------------------|-------|--------------------|----------|---------|---------------------|
| SEMI (GC/MS) WATER |                              |           |           | Prep Date 09/16/96 |       | Batch 0917960004   |          |         |                     |
| 8270B              | PHENOL                       | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 108-95-2 | GC      | 09/17/96            |
| 8270B              | BIS(2-CHLOROETHYL) ETHER     | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 111-44-4 | GC      | 09/17/96            |
| 8270B              | 2-CHLOROPHENOL               | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 95-57-8  | GC      | 09/17/96            |
| 8270B              | 1,3-DICHLOROBENZENE          | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 541-73-1 | GC      | 09/17/96            |
| 8270B              | 1,4-DICHLOROBENZENE          | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 106-46-7 | GC      | 09/17/96            |
| 8270B              | 1,2-DICHLOROBENZENE          | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 95-50-1  | GC      | 09/17/96            |
| 8270B              | BIS(2-CHLOROISOPROPYL) ETHER | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 108-60-1 | GC      | 09/17/96            |
| 8270B              | 2-METHYLPHENOL               | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 95-48-7  | GC      | 09/17/96            |
| 8270B              | 4-METHYLPHENOL               | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 106-44-5 | GC      | 09/17/96            |
| 8270B              | N-NITROSODI-N-PROPYLAMINE    | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 621-84-7 | GC      | 09/17/96            |
| 8270B              | HEXACHLOROETHANE             | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 67-72-1  | GC      | 09/17/96            |
| 8270B              | NITROBENZENE                 | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 98-95-3  | GC      | 09/17/96            |
| 8270B              | ISOPHORONE                   | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 78-59-1  | GC      | 09/17/96            |
| 8270B              | 2-NITROPHENOL                | \$06113   | Below MDL | 20.0               | ug/L  | 1.0                | 88-75-5  | GC      | 09/17/96            |
| 8270B              | 2,4-DIMETHYLPHENOL           | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 105-87-9 | GC      | 09/17/96            |
| 8270B              | BIS(2-CHLOROETHOXY)METHANE   | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 111-91-1 | GC      | 09/17/96            |
| 8270B              | 2,4-DICHLOROPHENOL           | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 120-83-2 | GC      | 09/17/96            |
| 8270B              | 1,2,4-TRICHLOROBENZENE       | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 120-82-1 | GC      | 09/17/96            |
| 8270B              | NAPHTHALENE                  | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 91-20-3  | GC      | 09/17/96            |
| 8270B              | 4-CHLOROANILINE              | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 108-47-8 | GC      | 09/17/96            |
| 8270B              | HEXACHLOROBUTADIENE          | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 87-68-3  | GC      | 09/17/96            |
| 8270B              | 4-CHLORO-3-METHYLPHENOL      | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 59-50-7  | GC      | 09/17/96            |
| 8270B              | 2-METHYLNAPHTHALENE          | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 91-57-8  | GC      | 09/17/96            |
| 8270B              | HEXACHLOROCYCLOPENTADIENE    | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 77-47-4  | GC      | 09/17/96            |
| 8270B              | 2,4,6-TRICHLOROPHENOL        | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 88-08-2  | GC      | 09/17/96            |
| 8270B              | 2,4,5-TRICHLOROPHENOL        | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 95-95-4  | GC      | 09/17/96            |
| 8270B              | 2-CHLORONAPHTHALENE          | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 91-58-7  | GC      | 09/17/96            |
| 8270B              | 2-NITROANILINE               | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 85-74-4  | GC      | 09/17/96            |
| 8270B              | DIMETHYL PHTHALATE           | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 131-11-3 | GC      | 09/17/96            |

Lab Sample ID AB38778 Client Site # 8102  
 Project # HUNTER AAF 8102 Client Sample # BLDG 1310-23-24-GW  
 Project Name UST REMOVALS AT HUNTER AAF  
 Sampling Date/Time 09/10/96 09:05

| METHOD                  | ANALYTE                     | TEST CODE | RESULT    | MDL                | UNITS | Dilution<br>Factor | CAS #     | ANALYST | DATE OF<br>ANALYSIS |
|-------------------------|-----------------------------|-----------|-----------|--------------------|-------|--------------------|-----------|---------|---------------------|
| SEMI (GC/MS) WATER      |                             |           |           | Prep Date 09/16/96 |       | Batch 0917960004   |           |         |                     |
| 8270B                   | ACENAPHTHYLENE              | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 208-96-8  | GC      | 09/17/96            |
| 8270B                   | 2,6-DINITROTOLUENE          | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 808-20-2  | GC      | 09/17/96            |
| 8270B                   | 3-NITROANILINE              | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 99-09-2   | GC      | 09/17/96            |
| 8270B                   | ACENAPHTHENE                | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 83-32-9   | GC      | 09/17/96            |
| 8270B                   | 2,4-DINITROPHENOL           | \$06113   | Below MDL | 50.0               | ug/L  | 1.0                | 51-28-5   | GC      | 09/17/96            |
| 8270B                   | 4-NITROPHENOL               | \$06113   | Below MDL | 50.0               | ug/L  | 1.0                | 100-02-7  | GC      | 09/17/96            |
| 8270B                   | DIBENZOFURAN                | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 132-84-9  | GC      | 09/17/96            |
| 8270B                   | 2,4-DINITROTOLUENE          | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 121-14-2  | GC      | 09/17/96            |
| 8270B                   | DIETHYL PHTHALATE           | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 84-88-2   | GC      | 09/17/96            |
| 8270B                   | 4-CHLOROPHENYL PHENYL ETHER | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 7005-72-3 | GC      | 09/17/96            |
| 8270B                   | FLUORENE                    | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 88-73-7   | GC      | 09/17/96            |
| 8270B                   | 4-NITROANILINE              | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 100-01-8  | GC      | 09/17/96            |
| 8270B                   | 2-METHYL-4,6-DINITROPHENOL  | \$06113   | Below MDL | 50.0               | ug/L  | 1.0                | 534-52-1  | GC      | 09/17/96            |
| 8270B                   | N-NITROSODIPHENYLAMINE      | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 86-30-6   | GC      | 09/17/96            |
| 8270B                   | 4-BROMOPHENYL PHENYL ETHER  | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 101-55-3  | GC      | 09/17/96            |
| 8270B                   | HEXACHLOROBENZENE           | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 118-74-1  | GC      | 09/17/96            |
| 8270B                   | PENTACHLOROPHENOL           | \$06113   | Below MDL | 50.0               | ug/L  | 1.0                | 87-88-5   | GC      | 09/17/96            |
| 8270B                   | PHENANTHRENE                | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 85-01-8   | GC      | 09/17/96            |
| 8270B                   | ANTHRACENE                  | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 120-12-7  | GC      | 09/17/96            |
| 8270B                   | DI-N-BUTYL PHTHALATE        | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 84-74-2   | GC      | 09/17/96            |
| 8270B                   | FLUORANTHENE                | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 208-44-0  | GC      | 09/17/96            |
| 8270B                   | PYRENE                      | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 129-00-0  | GC      | 09/17/96            |
| 8270B                   | BUTYL BENZYL PHTHALATE      | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 85-88-7   | GC      | 09/17/96            |
| 8270B                   | 3,3'-DICHLOROBENZIDINE      | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 91-94-1   | GC      | 09/17/96            |
| 8270B                   | BENZO(A)ANTHRACENE          | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 56-56-3   | GC      | 09/17/96            |
| 8270B                   | BIS(2-ETHYLHEXYL) PHTHALATE | \$06113   | Below MDL | 20.0               | ug/L  | 1.0                | 117-81-7  | GC      | 09/17/96            |
| 8270B                   | CHRYSENE                    | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 218-01-8  | GC      | 09/17/96            |
| 8270B                   | DI-N-OCTYL PHTHALATE        | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 117-84-0  | GC      | 09/17/96            |
| 8270B                   | BENZO(B)FLUORANTHENE        | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 208-99-2  | GC      | 09/17/96            |
| 8270B                   | BENZO(K)FLUORANTHENE        | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 207-08-9  | GC      | 09/17/96            |
| 8270B                   | BENZO(A)PYRENE              | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 50-32-8   | GC      | 09/17/96            |
| 8270B                   | INDENO(1,2,3-CD)PYRENE      | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 193-39-6  | GC      | 09/17/96            |
| 8270B                   | DIBENZO(A,H)ANTHRACENE      | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 53-70-3   | GC      | 09/17/96            |
| 8270B                   | BENZO(G,H,I)PERYLENE        | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 191-24-2  | GC      | 09/17/96            |
| 8270B                   | CARBAZOLE                   | \$06113   | Below MDL | 10.0               | ug/L  | 1.0                | 86-74-8   | GC      | 09/17/96            |
| AROMATIC VOC (GC) WATER |                             |           |           | Prep Date 09/18/96 |       | Batch 0918960015   |           |         |                     |
| 8020A                   | BENZENE                     | \$08106   | Below MDL | 1.0                | ug/L  | 1.0                | 71-43-2   | DTA     | 09/19/96            |
| 8020A                   | TOLUENE                     | \$08106   | Below MDL | 1.0                | ug/L  | 1.0                | 108-88-8  | DTA     | 09/19/96            |
| 8020A                   | ETHYLBENZENE                | \$08106   | Below MDL | 1.0                | ug/L  | 1.0                | 100-41-4  | DTA     | 09/19/96            |
| 8020A                   | XYLENES (TOTAL)             | \$08106   | 100       | 1.0                | ug/L  | 1.0                | 1330-20-7 | DTA     | 09/19/96            |
| 8020A                   | CHLOROBENZENE               | \$08106   | Below MDL | 1.0                | ug/L  | 1.0                | 108-90-7  | DTA     | 09/19/96            |
| 8020A                   | 1,2-DICHLOROBENZENE         | \$08106   | Below MDL | 1.0                | ug/L  | 1.0                | 95-50-1   | DTA     | 09/19/96            |
| 8020A                   | 1,3-DICHLOROBENZENE         | \$08106   | Below MDL | 1.0                | ug/L  | 1.0                | 541-73-1  | DTA     | 09/19/96            |
| 8020A                   | 1,4-DICHLOROBENZENE         | \$08106   | Below MDL | 1.0                | ug/L  | 1.0                | 108-46-7  | DTA     | 09/19/96            |
| 8020A                   | TERT-METHYLBUTYL ETHER      | \$08106   | 4.0       | 1.0                | ug/L  | 1.0                | 1834-04-4 | DTA     | 09/19/96            |

Lab Sample ID AB38779 Client Site # 8102  
 Project # HUNTER AAF 8102 Client Sample # TK 109-S1  
 Project Name UST REMOVALS AT HUNTER AAF  
 Sampling Date/Time 09/10/96 09:50

| METHOD                                                          | ANALYTE                      | TEST CODE | RESULT    | MDL                | UNITS | Dilution<br>Factor | CAS #     | ANALYST | DATE OF<br>ANALYSIS |
|-----------------------------------------------------------------|------------------------------|-----------|-----------|--------------------|-------|--------------------|-----------|---------|---------------------|
| Sample Comment Soil results are reported on a dry weight basis. |                              |           |           |                    |       |                    |           |         |                     |
| SEMI (GC/MS) SOIL                                               |                              |           |           | Prep Date 09/18/96 |       | Batch 0918960005   |           |         |                     |
| 8270B                                                           | PHENOL                       | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 108-95-2  | GC      | 09/18/96            |
| 8270B                                                           | BIS(2-CHLOROETHYL) ETHER     | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 111-44-4  | GC      | 09/18/96            |
| 8270B                                                           | 2-CHLOROPHENOL               | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 95-57-8   | GC      | 09/18/96            |
| 8270B                                                           | 1,3-DICHLOROBENZENE          | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 541-73-1  | GC      | 09/18/96            |
| 8270B                                                           | 1,4-DICHLOROBENZENE          | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 108-48-7  | GC      | 09/18/96            |
| 8270B                                                           | 1,2-DICHLOROBENZENE          | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 95-50-1   | GC      | 09/18/96            |
| 8270B                                                           | BIS(2-CHLOROISOPROPYL) ETHER | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 108-60-1  | GC      | 09/18/96            |
| 8270B                                                           | 2-METHYLPHENOL               | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 95-48-7   | GC      | 09/18/96            |
| 8270B                                                           | 4-METHYLPHENOL               | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 108-44-5  | GC      | 09/18/96            |
| 8270B                                                           | N-NITROSODI-N-PROPYLAMINE    | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 621-64-7  | GC      | 09/18/96            |
| 8270B                                                           | HEXACHLOROETHANE             | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 67-72-1   | GC      | 09/18/96            |
| 8270B                                                           | NITROBENZENE                 | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 98-95-3   | GC      | 09/18/96            |
| 8270B                                                           | ISOPHORONE                   | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 78-59-1   | GC      | 09/18/96            |
| 8270B                                                           | 2-NITROPHENOL                | \$06013   | Below MDL | 4829               | ug/Kg | 6.0                | 88-75-5   | GC      | 09/18/96            |
| 8270B                                                           | 2,4-DIMETHYLPHENOL           | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 105-67-9  | GC      | 09/18/96            |
| 8270B                                                           | BIS(2-CHLOROETHOXY)METHANE   | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 111-91-1  | GC      | 09/18/96            |
| 8270B                                                           | 2,4-DICHLOROPHENOL           | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 120-83-2  | GC      | 09/18/96            |
| 8270B                                                           | 1,2,4-TRICHLOROBENZENE       | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 120-82-1  | GC      | 09/18/96            |
| 8270B                                                           | NAPHTHALENE                  | \$06013   | 3378      | 2415               | ug/Kg | 6.0                | 91-20-3   | GC      | 09/18/96            |
| 8270B                                                           | 4-CHLOROANILINE              | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 109-47-6  | GC      | 09/18/96            |
| 8270B                                                           | HEXACHLOROBUTADIENE          | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 87-88-3   | GC      | 09/18/96            |
| 8270B                                                           | 4-CHLORO-3-METHYLPHENOL      | \$06013   | Below MDL | 4829               | ug/Kg | 6.0                | 59-50-7   | GC      | 09/18/96            |
| 8270B                                                           | 2-METHYLNAPHTHALENE          | \$06013   | 7439      | 2415               | ug/Kg | 6.0                | 91-57-6   | GC      | 09/18/96            |
| 8270B                                                           | HEXACHLOROCYCLOPENTADIENE    | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 77-47-4   | GC      | 09/18/96            |
| 8270B                                                           | 2,4,6-TRICHLOROPHENOL        | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 88-06-2   | GC      | 09/18/96            |
| 8270B                                                           | 2,4,5-TRICHLOROPHENOL        | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 95-95-4   | GC      | 09/18/96            |
| 8270B                                                           | 2-CHLORONAPHTHALENE          | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 91-58-7   | GC      | 09/18/96            |
| 8270B                                                           | 2-NITROANILINE               | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 88-74-4   | GC      | 09/18/96            |
| 8270B                                                           | DIMETHYL PHTHALATE           | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 131-11-3  | GC      | 09/18/96            |
| 8270B                                                           | ACENAPHTHYLENE               | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 208-96-8  | GC      | 09/18/96            |
| 8270B                                                           | 2,6-DINITROTOLUENE           | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 808-20-2  | GC      | 09/18/96            |
| 8270B                                                           | 3-NITROANILINE               | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 99-08-2   | GC      | 09/18/96            |
| 8270B                                                           | ACENAPHTHENE                 | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 83-32-9   | GC      | 09/18/96            |
| 8270B                                                           | 2,4-DINITROPHENOL            | \$06013   | Below MDL | 12073              | ug/Kg | 6.0                | 51-28-5   | GC      | 09/18/96            |
| 8270B                                                           | 4-NITROPHENOL                | \$06013   | Below MDL | 12073              | ug/Kg | 6.0                | 100-02-7  | GC      | 09/18/96            |
| 8270B                                                           | DIBENZOFURAN                 | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 132-64-0  | GC      | 09/18/96            |
| 8270B                                                           | 2,4-DINITROTOLUENE           | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 121-14-2  | GC      | 09/18/96            |
| 8270B                                                           | DIETHYL PHTHALATE            | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 84-68-2   | GC      | 09/18/96            |
| 8270B                                                           | 4-CHLOROPHENYL PHENYL ETHER  | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 7005-72-3 | GC      | 09/18/96            |
| 8270B                                                           | FLUORENE                     | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 86-73-7   | GC      | 09/18/96            |
| 8270B                                                           | 4-NITROANILINE               | \$06013   | Below MDL | 2415               | ug/Kg | 6.0                | 100-01-6  | GC      | 09/18/96            |
| 8270B                                                           | 2-METHYL-4,6-DINITROPHENOL   | \$06013   | Below MDL | 12073              | ug/Kg | 6.0                | 534-52-1  | GC      | 09/18/96            |



Lab Sample ID AB38779 Client Site # 8102  
 Project # HUNTER AAF 8102 Client Sample # TK 109-S1  
 Project Name UST REMOVALS AT HUNTER AAF  
 Sampling Date/Time 09/10/96 09:50

| METHOD | ANALYTE | TEST CODE | RESULT | MDL | UNITS | Dilution<br>Factor | CAS # | ANALYST | DATE OF<br>ANALYSIS |
|--------|---------|-----------|--------|-----|-------|--------------------|-------|---------|---------------------|
|--------|---------|-----------|--------|-----|-------|--------------------|-------|---------|---------------------|

Sample Comment Soil results are reported on a dry weight basis.

## SEMI (GC/MS) SOIL

Prep Date 09/18/96

Batch 0918960005

|       |                             |         |           |       |       |     |          |    |          |
|-------|-----------------------------|---------|-----------|-------|-------|-----|----------|----|----------|
| 8270B | N-NITROSODIPHENYLAMINE      | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 88-30-8  | GC | 09/18/96 |
| 8270B | 4-BROMOPHENYL PHENYL ETHER  | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 101-55-3 | GC | 09/18/96 |
| 8270B | HEXACHLOROBENZENE           | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 118-74-1 | GC | 09/18/96 |
| 8270B | PENTACHLOROPHENOL           | \$06013 | Below MDL | 12073 | ug/Kg | 6.0 | 87-86-5  | GC | 09/18/96 |
| 8270B | PHENANTHRENE                | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 85-01-8  | GC | 09/18/96 |
| 8270B | ANTHRACENE                  | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 120-12-7 | GC | 09/18/96 |
| 8270B | DI-N-BUTYL PHTHALATE        | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 84-74-2  | GC | 09/18/96 |
| 8270B | FLUORANTHENE                | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 208-44-0 | GC | 09/18/96 |
| 8270B | PYRENE                      | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 129-00-0 | GC | 09/18/96 |
| 8270B | BUTYL BENZYL PHTHALATE      | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 85-88-7  | GC | 09/18/96 |
| 8270B | 3,3'-DICHLOROBENZIDINE      | \$06013 | Below MDL | 4829  | ug/Kg | 6.0 | 91-94-1  | GC | 09/18/96 |
| 8270B | BENZO(A)ANTHRACENE          | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 56-56-3  | GC | 09/18/96 |
| 8270B | BIS(2-ETHYLHEXYL) PHTHALATE | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 117-81-7 | GC | 09/18/96 |
| 8270B | CHRYSENE                    | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 218-01-8 | GC | 09/18/96 |
| 8270B | DI-N-OCTYL PHTHALATE        | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 117-84-0 | GC | 09/18/96 |
| 8270B | BENZO(B)FLUORANTHENE        | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 205-99-2 | GC | 09/18/96 |
| 8270B | BENZO(K)FLUORANTHENE        | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 207-08-9 | GC | 09/18/96 |
| 8270B | BENZO(A)PYRENE              | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 50-32-8  | GC | 09/18/96 |
| 8270B | INDENO(1,2,3-CD)PYRENE      | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 183-38-5 | GC | 09/18/96 |
| 8270B | DIBENZO(A,H)ANTHRACENE      | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 53-70-3  | GC | 09/18/96 |
| 8270B | BENZO(G,H,I)PERYLENE        | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 181-24-2 | GC | 09/18/96 |
| 8270B | CARBAZOLE                   | \$06013 | Below MDL | 2415  | ug/Kg | 6.0 | 88-74-8  | GC | 09/18/96 |

## AROMATIC VOC (GC) SOIL

Prep Date 09/19/96

Batch 0919960015

|       |                        |         |           |    |       |      |           |     |          |
|-------|------------------------|---------|-----------|----|-------|------|-----------|-----|----------|
| 8020A | BENZENE                | \$08006 | Below MDL | 61 | ug/Kg | 50.0 | 71-43-2   | DTA | 09/19/96 |
| 8020A | TOLUENE                | \$08006 | 268       | 61 | ug/Kg | 50.0 | 108-88-3  | DTA | 09/19/96 |
| 8020A | ETHYLBENZENE           | \$08006 | 983       | 61 | ug/Kg | 50.0 | 100-41-4  | DTA | 09/19/96 |
| 8020A | XYLENES (TOTAL)        | \$08006 | 9859      | 61 | ug/Kg | 50.0 | 1330-20-7 | DTA | 09/19/96 |
| 8020A | CHLOROBENZENE          | \$08006 | Below MDL | 61 | ug/Kg | 50.0 | 108-90-7  | DTA | 09/19/96 |
| 8020A | 1,2-DICHLOROBENZENE    | \$08006 | Below MDL | 61 | ug/Kg | 50.0 | 95-80-1   | DTA | 09/19/96 |
| 8020A | 1,3-DICHLOROBENZENE    | \$08006 | Below MDL | 61 | ug/Kg | 50.0 | 541-73-1  | DTA | 09/19/96 |
| 8020A | 1,4-DICHLOROBENZENE    | \$08006 | Below MDL | 61 | ug/Kg | 50.0 | 106-46-7  | DTA | 09/19/96 |
| 8020A | TERT-METHYLBUTYL ETHER | \$08006 | Below MDL | 61 | ug/Kg | 50.0 | 1634-04-4 | DTA | 09/19/96 |

Prep Date 09/17/96

Batch 091796

|       |                 |       |      |    |       |      |  |    |          |
|-------|-----------------|-------|------|----|-------|------|--|----|----------|
| 418.1 | TPH (FTIR) SOIL | 08008 | 1604 | 61 | mg/Kg | 10.0 |  | JK | 09/17/96 |
|-------|-----------------|-------|------|----|-------|------|--|----|----------|

Prep Date 09/16/96

Batch 091696

|       |                           |       |      |     |   |     |  |    |          |
|-------|---------------------------|-------|------|-----|---|-----|--|----|----------|
| 160.3 | % TOTAL SOLIDS SOIL (N/C) | 09099 | 82.0 | 0.1 | % | 1.0 |  | MN | 09/16/96 |
|-------|---------------------------|-------|------|-----|---|-----|--|----|----------|

Lab Sample ID AB38955

Client Site #

Project #

Client Sample #

Project Name

Sampling Date/Time //

| METHOD                     | ANALYTE                      | TEST CODE | RESULT    | MDL                | UNITS | Dilution<br>Factor | CAS #     | ANALYST | DATE OF<br>ANALYSIS |
|----------------------------|------------------------------|-----------|-----------|--------------------|-------|--------------------|-----------|---------|---------------------|
| BLANK - SEMI (GC/MS) WATER |                              |           |           | Prep Date 09/16/96 |       | Batch 0917960004   |           |         |                     |
| 8270B                      | PHENOL                       | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 108-95-2  | GC      | 09/17/96            |
| 8270B                      | BIS(2-CHLOROETHYL) ETHER     | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 111-44-4  | GC      | 09/17/96            |
| 8270B                      | 2-CHLOROPHENOL               | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 85-57-8   | GC      | 09/17/96            |
| 8270B                      | 1,3-DICHLOROBENZENE          | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 841-73-1  | GC      | 09/17/96            |
| 8270B                      | 1,4-DICHLOROBENZENE          | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 106-46-7  | GC      | 09/17/96            |
| 8270B                      | 1,2-DICHLOROBENZENE          | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 95-50-1   | GC      | 09/17/96            |
| 8270B                      | BIS(2-CHLOROISOPROPYL) ETHER | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 108-60-1  | GC      | 09/17/96            |
| 8270B                      | 2-METHYLPHENOL               | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 95-48-7   | GC      | 09/17/96            |
| 8270B                      | 4-METHYLPHENOL               | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 108-44-5  | GC      | 09/17/96            |
| 8270B                      | N-NITROSODI-N-PROPYLAMINE    | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 821-84-7  | GC      | 09/17/96            |
| 8270B                      | HEXACHLOROETHANE             | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 87-72-1   | GC      | 09/17/96            |
| 8270B                      | NITROBENZENE                 | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 98-95-3   | GC      | 09/17/96            |
| 8270B                      | ISOPHORONE                   | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 78-59-1   | GC      | 09/17/96            |
| 8270B                      | 2-NITROPHENOL                | \$B8270W  | Below MDL | 20.0               | ug/L  | 1.0                | 88-75-5   | GC      | 09/17/96            |
| 8270B                      | 2,4-DIMETHYLPHENOL           | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 105-87-9  | GC      | 09/17/96            |
| 8270B                      | BIS(2-CHLOROETHOXY)METHANE   | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 111-91-1  | GC      | 09/17/96            |
| 8270B                      | 2,4-DICHLOROPHENOL           | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 120-83-2  | GC      | 09/17/96            |
| 8270B                      | 1,2,4-TRICHLOROBENZENE       | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 120-82-1  | GC      | 09/17/96            |
| 8270B                      | NAPHTHALENE                  | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 91-20-3   | GC      | 09/17/96            |
| 8270B                      | 4-CHLOROANILINE              | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 106-47-8  | GC      | 09/17/96            |
| 8270B                      | HEXACHLOROBUTADIENE          | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 87-68-3   | GC      | 09/17/96            |
| 8270B                      | 4-CHLORO-3-METHYLPHENOL      | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 59-60-7   | GC      | 09/17/96            |
| 8270B                      | 2-METHYLNAPHTHALENE          | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 91-57-8   | GC      | 09/17/96            |
| 8270B                      | HEXACHLOROCYCLOPENTADIENE    | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 77-47-4   | GC      | 09/17/96            |
| 8270B                      | 2,4,6-TRICHLOROPHENOL        | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 88-08-2   | GC      | 09/17/96            |
| 8270B                      | 2,4,5-TRICHLOROPHENOL        | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 95-95-4   | GC      | 09/17/96            |
| 8270B                      | 2-CHLORONAPHTHALENE          | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 91-58-7   | GC      | 09/17/96            |
| 8270B                      | 2-NITROANILINE               | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 88-74-4   | GC      | 09/17/96            |
| 8270B                      | DIMETHYL PHTHALATE           | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 131-11-3  | GC      | 09/17/96            |
| 8270B                      | ACENAPHTHYLENE               | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 208-96-8  | GC      | 09/17/96            |
| 8270B                      | 2,6-DINITROTOLUENE           | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 806-20-2  | GC      | 09/17/96            |
| 8270B                      | 3-NITROANILINE               | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 99-09-2   | GC      | 09/17/96            |
| 8270B                      | ACENAPHTHENE                 | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 83-32-9   | GC      | 09/17/96            |
| 8270B                      | 2,4-DINITROPHENOL            | \$B8270W  | Below MDL | 50.0               | ug/L  | 1.0                | 51-28-5   | GC      | 09/17/96            |
| 8270B                      | 4-NITROPHENOL                | \$B8270W  | Below MDL | 50.0               | ug/L  | 1.0                | 100-02-7  | GC      | 09/17/96            |
| 8270B                      | DIBENZOFURAN                 | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 132-64-9  | GC      | 09/17/96            |
| 8270B                      | 2,4-DINITROTOLUENE           | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 121-14-2  | GC      | 09/17/96            |
| 8270B                      | DIETHYL PHTHALATE            | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 84-68-2   | GC      | 09/17/96            |
| 8270B                      | 4-CHLOROPHENYL PHENYL ETHER  | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 7005-72-3 | GC      | 09/17/96            |
| 8270B                      | FLUORENE                     | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 86-73-7   | GC      | 09/17/96            |
| 8270B                      | 4-NITROANILINE               | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 100-01-6  | GC      | 09/17/96            |
| 8270B                      | 2-METHYL-4,6-DINITROPHENOL   | \$B8270W  | Below MDL | 50.0               | ug/L  | 1.0                | 534-52-1  | GC      | 09/17/96            |
| 8270B                      | N-NITROSODIPHENYLAMINE       | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 88-30-8   | GC      | 09/17/96            |
| 8270B                      | 4-BROMOPHENYL PHENYL ETHER   | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 101-56-3  | GC      | 09/17/96            |
| 8270B                      | HEXACHLOROBENZENE            | \$B8270W  | Below MDL | 10.0               | ug/L  | 1.0                | 118-74-1  | GC      | 09/17/96            |

Lab Sample ID AB38955

Client Site #

Project #

Client Sample #

Project Name

Sampling Date/Time / /

| METHOD                     | ANALYTE                     | TEST CODE | RESULT    | MDL UNITS          | Dilution<br>Factor | CAS #            | ANALYST | DATE OF<br>ANALYSIS |
|----------------------------|-----------------------------|-----------|-----------|--------------------|--------------------|------------------|---------|---------------------|
| BLANK - SEMI (GC/MS) WATER |                             |           |           | Prep Date 09/16/96 |                    | Batch 0917980004 |         |                     |
| 8270B                      | PENTACHLOROPHENOL           | \$B8270W  | Below MDL | 50.0 ug/L          | 1.0                | 87-86-5          | GC      | 09/17/96            |
| 8270B                      | PHENANTHRENE                | \$B8270W  | Below MDL | 10.0 ug/L          | 1.0                | 85-01-8          | GC      | 09/17/96            |
| 8270B                      | ANTHRACENE                  | \$B8270W  | Below MDL | 10.0 ug/L          | 1.0                | 120-12-7         | GC      | 09/17/96            |
| 8270B                      | DI-N-BUTYL PHTHALATE        | \$B8270W  | Below MDL | 10.0 ug/L          | 1.0                | 84-74-2          | GC      | 09/17/96            |
| 8270B                      | FLUORANTHENE                | \$B8270W  | Below MDL | 10.0 ug/L          | 1.0                | 208-44-0         | GC      | 09/17/96            |
| 8270B                      | PYRENE                      | \$B8270W  | Below MDL | 10.0 ug/L          | 1.0                | 129-00-0         | GC      | 09/17/96            |
| 8270B                      | BUTYL BENZYL PHTHALATE      | \$B8270W  | Below MDL | 10.0 ug/L          | 1.0                | 85-88-7          | GC      | 09/17/96            |
| 8270B                      | 3,3'-DICHLOROBENZIDINE      | \$B8270W  | Below MDL | 10.0 ug/L          | 1.0                | 81-84-1          | GC      | 09/17/96            |
| 8270B                      | BENZO(A)ANTHRACENE          | \$B8270W  | Below MDL | 10.0 ug/L          | 1.0                | 56-55-3          | GC      | 09/17/96            |
| 8270B                      | BIS(2-ETHYLHEXYL) PHTHALATE | \$B8270W  | Below MDL | 20.0 ug/L          | 1.0                | 117-81-7         | GC      | 09/17/96            |
| 8270B                      | CHRYSENE                    | \$B8270W  | Below MDL | 10.0 ug/L          | 1.0                | 218-01-9         | GC      | 09/17/96            |
| 8270B                      | DI-N-OCTYL PHTHALATE        | \$B8270W  | Below MDL | 10.0 ug/L          | 1.0                | 117-84-0         | GC      | 09/17/96            |
| 8270B                      | BENZO(B)FLUORANTHENE        | \$B8270W  | Below MDL | 10.0 ug/L          | 1.0                | 205-99-2         | GC      | 09/17/96            |
| 8270B                      | BENZO(K)FLUORANTHENE        | \$B8270W  | Below MDL | 10.0 ug/L          | 1.0                | 207-08-9         | GC      | 09/17/96            |
| 8270B                      | BENZO(A)PYRENE              | \$B8270W  | Below MDL | 10.0 ug/L          | 1.0                | 50-32-8          | GC      | 09/17/96            |
| 8270B                      | INDENO(1,2,3-CD)PYRENE      | \$B8270W  | Below MDL | 10.0 ug/L          | 1.0                | 193-39-5         | GC      | 09/17/96            |
| 8270B                      | DIBENZO(A,H)ANTHRACENE      | \$B8270W  | Below MDL | 10.0 ug/L          | 1.0                | 53-70-3          | GC      | 09/17/96            |
| 8270B                      | BENZO(G,H,I)PERYLENE        | \$B8270W  | Below MDL | 10.0 ug/L          | 1.0                | 191-24-2         | GC      | 09/17/96            |
| 8270B                      | CARBAZOLE                   | \$B8270W  | Below MDL | 10.0 ug/L          | 1.0                | 86-74-8          | GC      | 09/17/96            |

Lab Sample ID AB39015

Client Site #

Project #

Client Sample #

Project Name

Sampling Date/Time / /

| METHOD                    | ANALYTE                      | TEST CODE | RESULT    | MDL UNITS          | Dilution<br>Factor | CAS #            | ANALYST | DATE OF<br>ANALYSIS |
|---------------------------|------------------------------|-----------|-----------|--------------------|--------------------|------------------|---------|---------------------|
| BLANK - SEMI (GC/MS) SOIL |                              |           |           | Prep Date 09/18/96 |                    | Batch 0918960005 |         |                     |
| 8270B                     | PHENOL                       | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 108-95-2         | GC      | 09/18/96            |
| 8270B                     | BIS(2-CHLOROETHYL) ETHER     | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 111-44-4         | GC      | 09/18/96            |
| 8270B                     | 2-CHLOROPHENOL               | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 95-57-8          | GC      | 09/18/96            |
| 8270B                     | 1,3-DICHLOROBENZENE          | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 641-73-1         | GC      | 09/18/96            |
| 8270B                     | 1,4-DICHLOROBENZENE          | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 106-46-7         | GC      | 09/18/96            |
| 8270B                     | 1,2-DICHLOROBENZENE          | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 95-50-1          | GC      | 09/18/96            |
| 8270B                     | BIS(2-CHLOROISOPROPYL) ETHER | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 108-80-1         | GC      | 09/18/96            |
| 8270B                     | 2-METHYLPHENOL               | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 95-48-7          | GC      | 09/18/96            |
| 8270B                     | 4-METHYLPHENOL               | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 106-44-5         | GC      | 09/18/96            |
| 8270B                     | N-NITROSODI-N-PROPYLAMINE    | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 621-64-7         | GC      | 09/18/96            |
| 8270B                     | HEXACHLOROETHANE             | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 67-72-1          | GC      | 09/18/96            |
| 8270B                     | NITROBENZENE                 | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 88-85-3          | GC      | 09/18/96            |
| 8270B                     | ISOPHORONE                   | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 78-59-1          | GC      | 09/18/96            |
| 8270B                     | 2-NITROPHENOL                | \$B8270S  | Below MDL | 660 ug/Kg          | 1.0                | 88-75-5          | GC      | 09/18/96            |
| 8270B                     | 2,4-DIMETHYLPHENOL           | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 105-87-9         | GC      | 09/18/96            |
| 8270B                     | BIS(2-CHLOROETHOXY)METHANE   | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 111-91-1         | GC      | 09/18/96            |

Lab Sample ID AB39015

Client Site #

Project #

Client Sample #

Project Name

Sampling Date/Time / /

| METHOD                    | ANALYTE                     | TEST CODE | RESULT    | MDL                | UNITS | Dilution<br>Factor | CAS #     | ANALYST | DATE OF<br>ANALYSIS |
|---------------------------|-----------------------------|-----------|-----------|--------------------|-------|--------------------|-----------|---------|---------------------|
| BLANK - SEMI (GC/MS) SOIL |                             |           |           | Prep Date 09/18/96 |       | Batch 0918960005   |           |         |                     |
| 8270B                     | 2,4-DICHLOROPHENOL          | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 120-83-2  | GC      | 09/18/96            |
| 8270B                     | 1,2,4-TRICHLOROBENZENE      | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 120-82-1  | GC      | 09/18/96            |
| 8270B                     | NAPHTHALENE                 | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 91-20-3   | GC      | 09/18/96            |
| 8270B                     | 4-CHLOROANILINE             | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 108-47-8  | GC      | 09/18/96            |
| 8270B                     | HEXACHLOROBUTADIENE         | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 87-88-3   | GC      | 09/18/96            |
| 8270B                     | 4-CHLORO-3-METHYLPHENOL     | \$B8270S  | Below MDL | 660                | ug/Kg | 1.0                | 59-50-7   | GC      | 09/18/96            |
| 8270B                     | 2-METHYLNAPHTHALENE         | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 91-57-8   | GC      | 09/18/96            |
| 8270B                     | HEXACHLOROCYCLOPENTADIENE   | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 77-47-4   | GC      | 09/18/96            |
| 8270B                     | 2,4,6-TRICHLOROPHENOL       | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 88-06-2   | GC      | 09/18/96            |
| 8270B                     | 2,4,5-TRICHLOROPHENOL       | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 85-85-4   | GC      | 09/18/96            |
| 8270B                     | 2-CHLORONAPHTHALENE         | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 91-58-7   | GC      | 09/18/96            |
| 8270B                     | 2-NITROANILINE              | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 88-74-4   | GC      | 09/18/96            |
| 8270B                     | DIMETHYL PHTHALATE          | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 131-11-3  | GC      | 09/18/96            |
| 8270B                     | ACENAPHTHYLENE              | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 208-96-8  | GC      | 09/18/96            |
| 8270B                     | 2,6-DINITROTOLUENE          | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 808-20-2  | GC      | 09/18/96            |
| 8270B                     | 3-NITROANILINE              | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 99-09-2   | GC      | 09/18/96            |
| 8270B                     | ACENAPHTHENE                | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 83-32-9   | GC      | 09/18/96            |
| 8270B                     | 2,4-DINITROPHENOL           | \$B8270S  | Below MDL | 1650               | ug/Kg | 1.0                | 61-28-5   | GC      | 09/18/96            |
| 8270B                     | 4-NITROPHENOL               | \$B8270S  | Below MDL | 1650               | ug/Kg | 1.0                | 100-02-7  | GC      | 09/18/96            |
| 8270B                     | DIBENZOFURAN                | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 132-64-9  | GC      | 09/18/96            |
| 8270B                     | 2,4-DINITROTOLUENE          | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 121-14-2  | GC      | 09/18/96            |
| 8270B                     | DIETHYL PHTHALATE           | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 84-66-2   | GC      | 09/18/96            |
| 8270B                     | 4-CHLOROPHENYL PHENYL ETHER | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 7005-72-3 | GC      | 09/18/96            |
| 8270B                     | FLUORENE                    | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 88-73-7   | GC      | 09/18/96            |
| 8270B                     | 4-NITROANILINE              | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 100-01-9  | GC      | 09/18/96            |
| 8270B                     | 2-METHYL-4,6-DINITROPHENOL  | \$B8270S  | Below MDL | 1650               | ug/Kg | 1.0                | 534-52-1  | GC      | 09/18/96            |
| 8270B                     | N-NITROSODIPHENYLAMINE      | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 86-30-6   | GC      | 09/18/96            |
| 8270B                     | 4-BROMOPHENYL PHENYL ETHER  | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 101-55-3  | GC      | 09/18/96            |
| 8270B                     | HEXACHLOROBENZENE           | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 118-74-1  | GC      | 09/18/96            |
| 8270B                     | PENTACHLOROPHENOL           | \$B8270S  | Below MDL | 1650               | ug/Kg | 1.0                | 87-88-5   | GC      | 09/18/96            |
| 8270B                     | PHENANTHRENE                | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 85-01-8   | GC      | 09/18/96            |
| 8270B                     | ANTHRACENE                  | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 120-12-7  | GC      | 09/18/96            |
| 8270B                     | DI-N-BUTYL PHTHALATE        | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 84-74-2   | GC      | 09/18/96            |
| 8270B                     | FLUORANTHENE                | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 208-44-0  | GC      | 09/18/96            |
| 8270B                     | PYRENE                      | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 129-00-0  | GC      | 09/18/96            |
| 8270B                     | BUTYL BENZYL PHTHALATE      | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 85-88-7   | GC      | 09/18/96            |
| 8270B                     | 3,3'-DICHLOROBENZIDINE      | \$B8270S  | Below MDL | 660                | ug/Kg | 1.0                | 91-94-1   | GC      | 09/18/96            |
| 8270B                     | BENZO(A)ANTHRACENE          | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 58-55-3   | GC      | 09/18/96            |
| 8270B                     | BIS(2-ETHYLHEXYL) PHTHALATE | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 117-81-7  | GC      | 09/18/96            |
| 8270B                     | CHRYSENE                    | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 218-01-9  | GC      | 09/18/96            |
| 8270B                     | DI-N-OCTYL PHTHALATE        | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 117-84-0  | GC      | 09/18/96            |
| 8270B                     | BENZO(B)FLUORANTHENE        | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 205-99-2  | GC      | 09/18/96            |
| 8270B                     | BENZO(K)FLUORANTHENE        | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 207-08-9  | GC      | 09/18/96            |
| 8270B                     | BENZO(A)PYRENE              | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 50-32-8   | GC      | 09/18/96            |
| 8270B                     | INDENO(1,2,3-CD)PYRENE      | \$B8270S  | Below MDL | 330                | ug/Kg | 1.0                | 183-39-5  | GC      | 09/18/96            |

Lab Sample ID AB39015

Client Site #

Project #

Client Sample #

Project Name

Sampling Date/Time / /

| METHOD                    | ANALYTE                | TEST CODE | RESULT    | MDL UNITS          | Dilution<br>Factor | CAS #            | ANALYST | DATE OF<br>ANALYSIS |
|---------------------------|------------------------|-----------|-----------|--------------------|--------------------|------------------|---------|---------------------|
| BLANK - SEMI (GC/MS) SOIL |                        |           |           | Prep Date 09/18/96 |                    | Batch 0918960005 |         |                     |
| 8270B                     | DIBENZO(A,H)ANTHRACENE | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 53-70-3          | GC      | 09/18/96            |
| 8270B                     | BENZO(G,H,I)PERYLENE   | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 181-24-2         | GC      | 09/18/96            |
| 8270B                     | CARBAZOLE              | \$B8270S  | Below MDL | 330 ug/Kg          | 1.0                | 88-74-6          | GC      | 09/18/96            |

Lab Sample ID AB39042

Client Site #

Project #

Client Sample #

Project Name

Sampling Date/Time / /

| METHOD                          | ANALYTE                | TEST CODE | RESULT    | MDL UNITS          | Dilution<br>Factor | CAS #            | ANALYST | DATE OF<br>ANALYSIS |
|---------------------------------|------------------------|-----------|-----------|--------------------|--------------------|------------------|---------|---------------------|
| BLANK - AROMATIC VOC (GC) WATER |                        |           |           | Prep Date 09/18/96 |                    | Batch 0918960015 |         |                     |
| 8020A                           | BENZENE                | \$B8020W  | Below MDL | 1.0 ug/L           | 1.0                | 71-43-2          | DTA     | 09/19/96            |
| 8020A                           | TOLUENE                | \$B8020W  | Below MDL | 1.0 ug/L           | 1.0                | 108-88-3         | DTA     | 09/19/96            |
| 8020A                           | ETHYLBENZENE           | \$B8020W  | Below MDL | 1.0 ug/L           | 1.0                | 100-41-4         | DTA     | 09/19/96            |
| 8020A                           | XYLENES (TOTAL)        | \$B8020W  | Below MDL | 1.0 ug/L           | 1.0                | 1330-20-7        | DTA     | 09/19/96            |
| 8020A                           | CHLOROBEZENE           | \$B8020W  | Below MDL | 1.0 ug/L           | 1.0                | 108-90-7         | DTA     | 09/19/96            |
| 8020A                           | 1,2-DICHLOROBEZENE     | \$B8020W  | Below MDL | 1.0 ug/L           | 1.0                | 95-50-1          | DTA     | 09/19/96            |
| 8020A                           | 1,3-DICHLOROBEZENE     | \$B8020W  | Below MDL | 1.0 ug/L           | 1.0                | 541-73-1         | DTA     | 09/19/96            |
| 8020A                           | 1,4-DICHLOROBEZENE     | \$B8020W  | Below MDL | 1.0 ug/L           | 1.0                | 106-46-7         | DTA     | 09/19/96            |
| 8020A                           | TERT-METHYLBUTYL ETHER | \$B8020W  | Below MDL | 1.0 ug/L           | 1.0                | 1834-04-4        | DTA     | 09/19/96            |

Lab Sample ID AB39111

Client Site #

Project #

Client Sample #

Project Name

Sampling Date/Time / /

| METHOD                         | ANALYTE                | TEST CODE | RESULT    | MDL UNITS          | Dilution<br>Factor | CAS #            | ANALYST | DATE OF<br>ANALYSIS |
|--------------------------------|------------------------|-----------|-----------|--------------------|--------------------|------------------|---------|---------------------|
| BLANK - AROMATIC VOC (GC) SOIL |                        |           |           | Prep Date 09/19/96 |                    | Batch 0919960015 |         |                     |
| 8020A                          | BENZENE                | \$B8020S  | Below MDL | 1.0 ug/Kg          | 1.0                | 71-43-2          | DTA     | 09/19/96            |
| 8020A                          | TOLUENE                | \$B8020S  | Below MDL | 1.0 ug/Kg          | 1.0                | 108-88-3         | DTA     | 09/19/96            |
| 8020A                          | ETHYLBENZENE           | \$B8020S  | Below MDL | 1.0 ug/Kg          | 1.0                | 100-41-4         | DTA     | 09/19/96            |
| 8020A                          | XYLENES (TOTAL)        | \$B8020S  | Below MDL | 1.0 ug/Kg          | 1.0                | 133-20-7         | DTA     | 09/19/96            |
| 8020A                          | CHLOROBEZENE           | \$B8020S  | Below MDL | 1.0 ug/Kg          | 1.0                | 108-90-7         | DTA     | 09/19/96            |
| 8020A                          | 1,2-DICHLOROBEZENE     | \$B8020S  | Below MDL | 1.0 ug/Kg          | 1.0                | 95-50-1          | DTA     | 09/19/96            |
| 8020A                          | 1,3-DICHLOROBEZENE     | \$B8020S  | Below MDL | 1.0 ug/Kg          | 1.0                | 541-73-1         | DTA     | 09/19/96            |
| 8020A                          | 1,4-DICHLOROBEZENE     | \$B8020S  | Below MDL | 1.0 ug/Kg          | 1.0                | 106-46-7         | DTA     | 09/19/96            |
| 8020A                          | TERT-METHYLBUTYL ETHER | \$B8020S  | Below MDL | 1.0 ug/Kg          | 1.0                | 1834-04-4        | DTA     | 09/19/96            |

Lab Sample ID AB39554

Client Site #

Project #

Client Sample #

Project Name

Sampling Date/Time / /

| METHOD             | ANALYTE           | TEST CODE | RESULT    | MDL | UNITS | Dilution     | CAS # | ANALYST | DATE OF  |
|--------------------|-------------------|-----------|-----------|-----|-------|--------------|-------|---------|----------|
|                    |                   |           |           |     |       | Factor       |       |         | ANALYSIS |
| Prep Date 09/17/96 |                   |           |           |     |       | Batch 091796 |       |         |          |
| 418.1              | TPH BLANK - WATER | B4181W    | Below MDL | 1.0 | mg/L  | 1.0          |       | JK      | 09/17/96 |

  
 Certifying Scientist
**Organics and Inorganics in Wastewater, Solids, and Wastes**

NC-DEHNR 441, SC-DHEC 98013, GA, TN-DOH 02826, UT-DOH E-226, FL-DEP 940134 HRS E87511 (Water) HRS 87485 (Drinking Water), NY-DEH ELAP 11551,

WI-DNR 998014380

|                               |              |          |               |         |            |                      |
|-------------------------------|--------------|----------|---------------|---------|------------|----------------------|
| Radioactive Materials License | ISO 9000     | EPA ID   | EPA Reg Waste | GA APHS | Fed Lab ID | US Army Corps of     |
| GA-DNR 1283-1                 | A2LA:0594-01 | GA-00058 | GA-0001011006 | S-3986  | 58-188334  | Engineers Validation |

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

# CHAIN OF CUSTODY

Copy To:

**For best code refer to the EcoSys Unit of Analysis**

Ecosys Test Code/Name

Project Name: USY Remarks at Hunter Hall

EN-GG/Mark Harvison  
Savannah, GA 31401-3640  
Mark Harvison Client ID 29112221

|         |                             |            |                |        |  |
|---------|-----------------------------|------------|----------------|--------|--|
| Sample: | Steve Clark                 | Project #: | 1              | Bid #: |  |
|         | Name - Please Print in Type |            | Number AGF 802 |        |  |
|         | 8/10                        |            |                |        |  |

|                        |           |      |                                                                           |
|------------------------|-----------|------|---------------------------------------------------------------------------|
| Signature              | Due Date: | 9/20 | Routine <input checked="" type="checkbox"/> RUSH <input type="checkbox"/> |
| <i>Monica K. Clark</i> |           |      | Note: Rush Charges May Apply                                              |

| Lab Code - for Lab use only | Date Sampled | Time Sampled | Grab | Comp | Sample Number | Number of Containers |
|-----------------------------|--------------|--------------|------|------|---------------|----------------------|
|                             |              |              |      |      | 10            | 10                   |

[illegible][illegible][illegible]

| Site Code | Sample Number |
|-----------|---------------|
| Sample 4  | 0000          |

|          |               |      |
|----------|---------------|------|
| Sample 5 | Site Code     | 0000 |
|          | Sample Number | 0000 |

| Sample     | Site Code | Sample Number |
|------------|-----------|---------------|
| Sample 1   |           |               |
| Sample 2   |           |               |
| Sample 3   |           |               |
| Sample 4   |           |               |
| Sample 5   |           |               |
| Sample 6   |           |               |
| Sample 7   |           |               |
| Sample 8   |           |               |
| Sample 9   |           |               |
| Sample 10  |           |               |
| Sample 11  |           |               |
| Sample 12  |           |               |
| Sample 13  |           |               |
| Sample 14  |           |               |
| Sample 15  |           |               |
| Sample 16  |           |               |
| Sample 17  |           |               |
| Sample 18  |           |               |
| Sample 19  |           |               |
| Sample 20  |           |               |
| Sample 21  |           |               |
| Sample 22  |           |               |
| Sample 23  |           |               |
| Sample 24  |           |               |
| Sample 25  |           |               |
| Sample 26  |           |               |
| Sample 27  |           |               |
| Sample 28  |           |               |
| Sample 29  |           |               |
| Sample 30  |           |               |
| Sample 31  |           |               |
| Sample 32  |           |               |
| Sample 33  |           |               |
| Sample 34  |           |               |
| Sample 35  |           |               |
| Sample 36  |           |               |
| Sample 37  |           |               |
| Sample 38  |           |               |
| Sample 39  |           |               |
| Sample 40  |           |               |
| Sample 41  |           |               |
| Sample 42  |           |               |
| Sample 43  |           |               |
| Sample 44  |           |               |
| Sample 45  |           |               |
| Sample 46  |           |               |
| Sample 47  |           |               |
| Sample 48  |           |               |
| Sample 49  |           |               |
| Sample 50  |           |               |
| Sample 51  |           |               |
| Sample 52  |           |               |
| Sample 53  |           |               |
| Sample 54  |           |               |
| Sample 55  |           |               |
| Sample 56  |           |               |
| Sample 57  |           |               |
| Sample 58  |           |               |
| Sample 59  |           |               |
| Sample 60  |           |               |
| Sample 61  |           |               |
| Sample 62  |           |               |
| Sample 63  |           |               |
| Sample 64  |           |               |
| Sample 65  |           |               |
| Sample 66  |           |               |
| Sample 67  |           |               |
| Sample 68  |           |               |
| Sample 69  |           |               |
| Sample 70  |           |               |
| Sample 71  |           |               |
| Sample 72  |           |               |
| Sample 73  |           |               |
| Sample 74  |           |               |
| Sample 75  |           |               |
| Sample 76  |           |               |
| Sample 77  |           |               |
| Sample 78  |           |               |
| Sample 79  |           |               |
| Sample 80  |           |               |
| Sample 81  |           |               |
| Sample 82  |           |               |
| Sample 83  |           |               |
| Sample 84  |           |               |
| Sample 85  |           |               |
| Sample 86  |           |               |
| Sample 87  |           |               |
| Sample 88  |           |               |
| Sample 89  |           |               |
| Sample 90  |           |               |
| Sample 91  |           |               |
| Sample 92  |           |               |
| Sample 93  |           |               |
| Sample 94  |           |               |
| Sample 95  |           |               |
| Sample 96  |           |               |
| Sample 97  |           |               |
| Sample 98  |           |               |
| Sample 99  |           |               |
| Sample 100 |           |               |

| Sample # | Site Code | Sample Number |
|----------|-----------|---------------|
| 1        | 0000      | 0000          |
| 2        | 0000      | 0000          |
| 3        | 0000      | 0000          |
| 4        | 0000      | 0000          |
| 5        | 0000      | 0000          |
| 6        | 0000      | 0000          |
| 7        | 0000      | 0000          |
| 8        | 0000      | 0000          |
| 9        | 0000      | 0000          |
| 10       | 0000      | 0000          |
| 11       | 0000      | 0000          |
| 12       | 0000      | 0000          |
| 13       | 0000      | 0000          |
| 14       | 0000      | 0000          |
| 15       | 0000      | 0000          |
| 16       | 0000      | 0000          |
| 17       | 0000      | 0000          |
| 18       | 0000      | 0000          |
| 19       | 0000      | 0000          |
| 20       | 0000      | 0000          |
| 21       | 0000      | 0000          |
| 22       | 0000      | 0000          |
| 23       | 0000      | 0000          |
| 24       | 0000      | 0000          |
| 25       | 0000      | 0000          |
| 26       | 0000      | 0000          |
| 27       | 0000      | 0000          |
| 28       | 0000      | 0000          |
| 29       | 0000      | 0000          |
| 30       | 0000      | 0000          |
| 31       | 0000      | 0000          |
| 32       | 0000      | 0000          |
| 33       | 0000      | 0000          |
| 34       | 0000      | 0000          |
| 35       | 0000      | 0000          |
| 36       | 0000      | 0000          |
| 37       | 0000      | 0000          |
| 38       | 0000      | 0000          |
| 39       | 0000      | 0000          |
| 40       | 0000      | 0000          |
| 41       | 0000      | 0000          |
| 42       | 0000      | 0000          |
| 43       | 0000      | 0000          |
| 44       | 0000      | 0000          |
| 45       | 0000      | 0000          |
| 46       | 0000      | 0000          |
| 47       | 0000      | 0000          |
| 48       | 0000      | 0000          |
| 49       | 0000      | 0000          |
| 50       | 0000      | 0000          |
| 51       | 0000      | 0000          |
| 52       | 0000      | 0000          |
| 53       | 0000      | 0000          |
| 54       | 0000      | 0000          |
| 55       | 0000      | 0000          |
| 56       | 0000      | 0000          |
| 57       | 0000      | 0000          |
| 58       | 0000      | 0000          |
| 59       | 0000      | 0000          |
| 60       | 0000      | 0000          |
| 61       | 0000      | 0000          |
| 62       | 0000      | 0000          |
| 63       | 0000      | 0000          |
| 64       | 0000      | 0000          |
| 65       | 0000      | 0000          |
| 66       | 0000      | 0000          |
| 67       | 0000      | 0000          |
| 68       | 0000      | 0000          |
| 69       | 0000      | 0000          |
| 70       | 0000      | 0000          |
| 71       | 0000      | 0000          |
| 72       | 0000      | 0000          |
| 73       | 0000      | 0000          |
| 74       | 0000      | 0000          |
| 75       | 0000      | 0000          |
| 76       | 0000      | 0000          |
| 77       | 0000      | 0000          |
| 78       | 0000      | 0000          |
| 79       | 0000      | 0000          |
| 80       | 0000      | 0000          |
| 81       | 0000      | 0000          |
| 82       | 0000      | 0000          |
| 83       | 0000      | 0000          |
| 84       | 0000      | 0000          |
| 85       | 0000      | 0000          |
| 86       | 0000      | 0000          |
| 87       | 0000      | 0000          |
| 88       | 0000      | 0000          |
| 89       | 0000      | 0000          |
| 90       | 0000      | 0000          |
| 91       | 0000      | 0000          |
| 92       | 0000      | 0000          |
| 93       | 0000      | 0000          |
| 94       | 0000      | 0000          |
| 95       | 0000      | 0000          |
| 96       | 0000      | 0000          |
| 97       | 0000      | 0000          |
| 98       | 0000      | 0000          |
| 99       | 0000      | 0000          |
| 100      | 0000      | 0000          |

| Sample / | Site Code | Sample Number | Notes |
|----------|-----------|---------------|-------|
|          |           |               |       |

|          |  |  |  |  |               |      |
|----------|--|--|--|--|---------------|------|
| Sample 8 |  |  |  |  | Site Code     | 0000 |
|          |  |  |  |  | Sample Number |      |

| Sample   | Date/Time | Sample | Site Code | Sample Number |
|----------|-----------|--------|-----------|---------------|
| Sample 9 |           |        |           | 0000          |
| Samples  | 11/11     | 11/11  | 11/11     | 0000          |

[illegible]

|                                     |                                                  |                                     |
|-------------------------------------|--------------------------------------------------|-------------------------------------|
| Relinquished by: _____<br>Signature | Date/Time Relinquished: _____<br>1-11-10 1:00 PM | Relinquished by: _____<br>Signature |
|-------------------------------------|--------------------------------------------------|-------------------------------------|

|                                                        |                                                        |
|--------------------------------------------------------|--------------------------------------------------------|
| Name - Please Print in type<br>_____<br>_____<br>_____ | Name - Please Print or Type<br>_____<br>_____<br>_____ |
| Signature<br>_____<br>_____<br>_____                   | Signature<br>_____<br>_____<br>_____                   |

Relinquished by: \_\_\_\_\_ Name - Please Print or Type

[illegible]

|                                                   |                                                  |                                                 |                      |
|---------------------------------------------------|--------------------------------------------------|-------------------------------------------------|----------------------|
| Custody Seal? <input checked="" type="checkbox"/> | NP into LIMS <input checked="" type="checkbox"/> | Reviewed by <input checked="" type="checkbox"/> | Storage Location: C4 |
|---------------------------------------------------|--------------------------------------------------|-------------------------------------------------|----------------------|

TAB 9

Manifests



**REYNOLDS CONSTRUCTION COMPANY**

Highway 84 • P. O. Box 749  
Ludowici, Georgia 31316  
Office (912) 368-7488 • Plant (912) 876-8085

Date \_\_\_\_\_ 19\_\_\_\_ Load No. 14  
Customer Triple R. Dyett Description PCS  
Project Number XXX-105  
Location Hunter County Chatham

**29700 lb Net**

**21740 lb Tare**

**51440 lb+ Gross**

**01:25 PM SE 30 96**

Shute  
Signature of Weigher

TONS: 14.85

TOTAL TONS: 204.85 <sup>83</sup>

Skendrex  
TRUCKER

419  
TRUCK NO.

Larry Christ  
DRIVER

TICKET NO. **60319**

# NON-HAZARDOUS WASTE MANIFEST

Manifest  
Document No.  
0013

1. Page 1  
of 1

2. Generator's Name and Mailing Address

Hunter Army Air Field, Bldg 1021  
Douglas Street, Hunter Army Air Field, GOV, GA 31409

3. Generator's Phone (912 ) 352-5535

4. Transporter 1 Company Name

Hendricks Hauling

5. Transporter 2 Company Name

6. Designated Facility Name and Site Address

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

A. Transporter's Phone 912-427-6758

B. Transporter's Phone

C. Facility's Phone

912-756-3655

7. Waste Shipping Name and Description

8. Containers

No.

Type

9. Total  
Quantity

10. Unit  
Wt/Vol

a.

Petroleum Contaminated Soil

1

TT

18.00

CY

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

11. Special Handling Instructions and Additional Information

TK #5049 (13)

8102

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

Angi N. Eason

Signature

*Angi N. Eason*

Month Day Year  
10 9 30 96

13. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

LARRY CHRIST

Signature

*Larry Christ*

Month Day Year  
10 9 30 96

14. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

15. Discrepancy Indication Space

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

Printed/Typed Name

Charles Pruitt

Signature

*Charles Pruitt*

Month Day Year

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

# REYNOLDS CONSTRUCTION COMPANY

Highway 84 • P. O. Box 749

Ludowici, Georgia 31316

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

|                |                |             |         |
|----------------|----------------|-------------|---------|
| Date           | 19             | Load No.    | 15      |
| Customer       | Triple R. Pymt | Description | Yes     |
| Project Number | 155            |             |         |
| Location       | Built          | County      | Chatham |

30440 lb Net

21700 lb Tare

52140 lb+ Gross

01:58 PM SE 30 96

Signature of Weigher

TONS:

15,72

TOTAL TONS:

220.05

234.88

TRUCKER

DRIVER

TRUCK NO.

TICKET NO.

60320

# NON-HAZARDOUS WASTE MANIFEST

Manifest  
Document No.  
0016

1. Page 1  
of 1

2. Generator's Name and Mailing Address  
Hunter Army Field, Bldg 1021  
Douglas Street, Hunter Army Air Field, GOV, GA 31409  
3. Generator's Phone ( 912 ) 352-5535

4. Transporter 1 Company Name  
Hendricks Hauling

5. Transporter 2 Company Name

6. Designated Facility Name and Site Address  
Triple R Management, Inc.  
C/O Reynolds Construction Co., Rt. 84  
Ludowici, GA 31316

A. Transporter's Phone 912-427-6758  
B. Transporter's Phone  
C. Facility's Phone 912-756-3655

7. Waste Shipping Name and Description

8. Containers  
No. Type

9. Total  
Quantity

10. Unit  
Wt/Vol

a.  
Petroleum Contaminated Soil

1 11 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

TK#50 (16)  
8102

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  
Lmg. N. Eason

Signature  
Chris N. Eason

Month Day Year  
10/13/86

13. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name  
Ashley Jay

Signature  
Ashley Jay

Month Day Year  
10/13/86

14. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

15. Discrepancy Indication Space

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

Printed/Typed Name  
Charles Pruitt

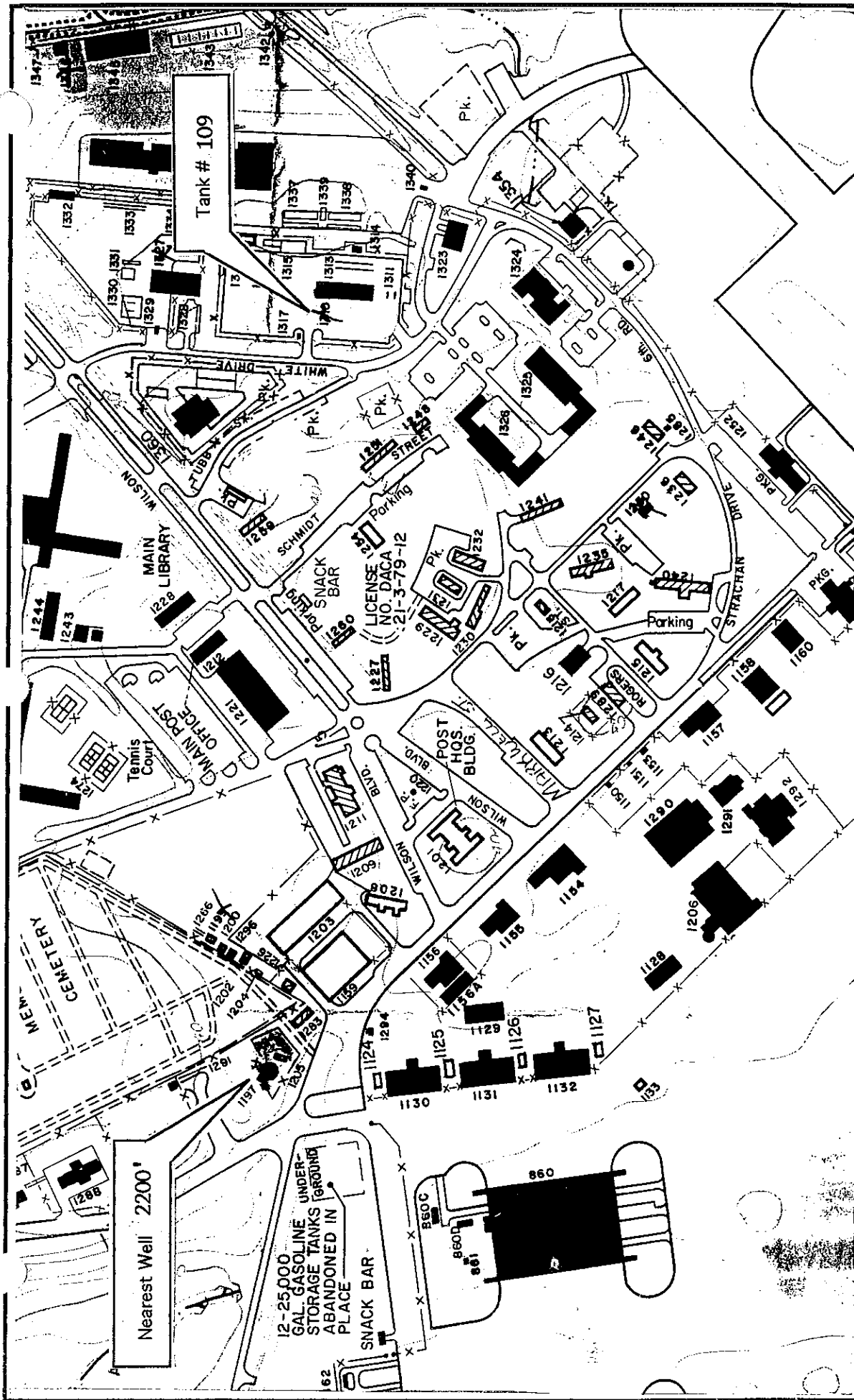
Signature  
Charles Pruitt

Month Day Year  
10/13/86

ORIGINAL - RETURN TO GENERATOR

TAB 10

Hunter Army Air Field  
Area Map

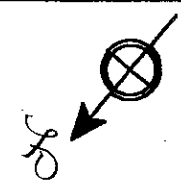


Area Map  
 Tank(s) Number: 109  
 Hunter AAF, Savannah, Georgia  
 Delivery Order 102

# ANDERSON COLUMBIA Environmental, Inc.

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

DR. AIR DR. APP. SCALE: 1" = 400'  
 DATE: 16 December 96



## LEGEND

Base Map:  
 General Site Map  
 Hunter Army Airfield  
 Savannah, GA  
 30 Nov 1989