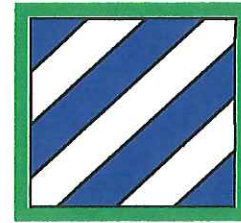


FORS COM

UST #104 CLOSURE REPORT



3d Inf Div(m)

EMERGENCY GENERATOR DIESEL TANK

Building 8629
Hunter Army Airfield, Georgia

FACILITY ID# : 9-025101

Prepared by:

Directorate of Public Works
Environmental and Natural Resources Division
Environmental Branch
Air, Water, and Restoration Section
June 1999

CLOSURE REPORT

**Emergency Generator (Diesel) Underground Storage Tank
Building 8629, UST #104
Facility ID #: 9-025101**

Hunter Army Airfield, Georgia

Prepared by

Fort Stewart Directorate of Public Works, Environmental Branch

December 1999

**Hunter Army Airfield, Georgia
Underground Storage Tank Closure Report**

Table of Contents

<u>Item</u>	<u>Tab</u>
Georgia Closure Form	1
Photodocumentation & Certificates of Destruction	4
Site Maps	5
GUST Forms, Field Assessment Methods & Piping Certification	6
Analytical Data	7
April '98 Groundwater Investigation Data	
April '98 Soil Boring Logs	
October '96 UST Closure Data	
Manifests	9
Area Map	10

Prepared by

*Fort Stewart
Directorate of Public Works
Environmental Branch*

TAB 1

CLOSURE REPORT FORM

Georgia Department of Natural Resources

Environmental Protection Division
Underground Storage Tank Management Program
4244 International Parkway, Suite 104, Atlanta, Georgia 30354
Lonice C. Barrett, Commissioner
Harold P. 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: Department of the Army
Phone Number: (912) 767-1234/2010
Company:
Address: HQ, 3rd Infantry Division (Mechanized) & Ft Stewart 1557 Frank Ochs
Fort Stewart GA 31314-4928
(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: Thomas C. Fry Date: 12/20/99
THOMAS C. FRY, Chief, ENRD

2. UST System Site Location:

Facility Name: Hunter AAF/Building 8629 (Ordnance/ASP Area)
Street Address: Facility 8629 off Perimeter Road
Hunter Army Airfield, GA 31402
(city) (state) (zip code)
Facility ID#: 9-025101

3. Contractor 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: Anderson Columbia Environmental, Inc
Address: P.O. Box 1386
Lake City, Florida 32056-1386

Signature: [Signature] Date: 3/27/97

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
- Piping Trenches
- Dispensers
- Sewer Lines (if present)
- Water Lines
- Tanks with their ID#s, corresponding to the Notification Form 7530-1
- Sample Locations (with sample numbers and depths)
- Scale 1 in = 10 ft
- North Arrow

6. Tank Removal:

- Date of Removal: 31 OCTOBER 1996

Tank #	Tank Size (gallons)	Tank Contents
<u>104</u>	<u>5000</u>	<u>diesel</u>

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

- Attach Amended Notification Form 7530-1 **REFER TO TAB 6**
- Describe Soil Sampling Procedures (and groundwater, if encountered):
REFER TO TAB 6

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

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

**REFER TO
TAB 7**

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)

_____ Tons OR _____ yd³

☒ Not Applicable

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

☐ Drinking water supplies are NOT located in:

High or average groundwater pollution susceptibility area:
Public water systems within 2.0 miles and
Non-public water systems within 0.5 mile

OR

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

* As defined by the Groundwater Pollution Susceptibility Map of Georgia.

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

☒ Not Applicable

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

**PHOTODOCUMENTATION AND
CERTIFICATE OF DESTRUCTION**

PHOTODOCUMENTATION OF TANK REMOVAL ACTIVITIES



Photo 1. The Building 8629 site during removal of Tank 104.

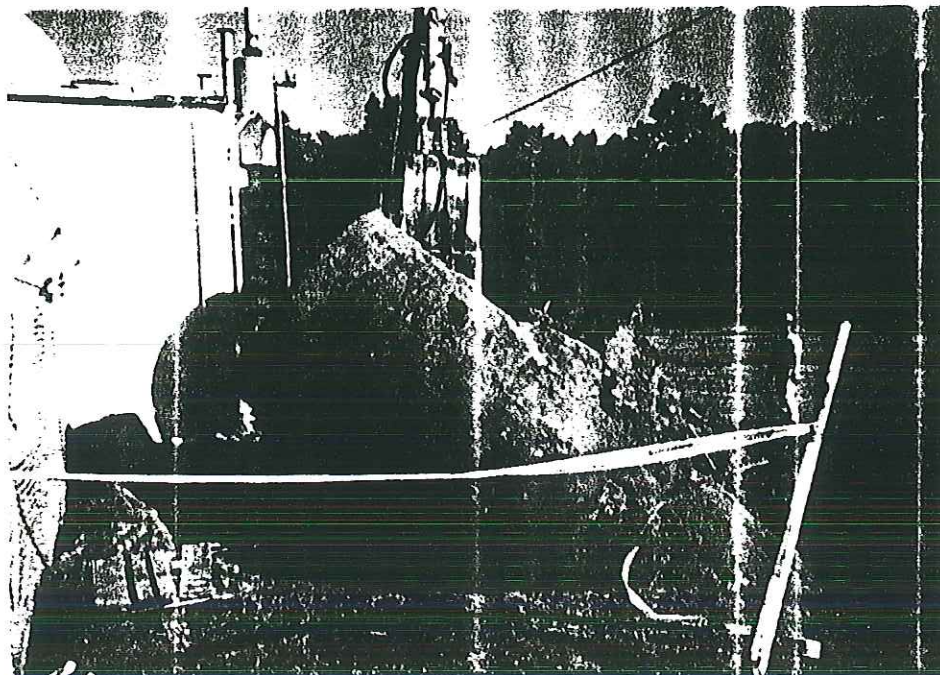


Photo 2. The tank during removal from the tank pit.

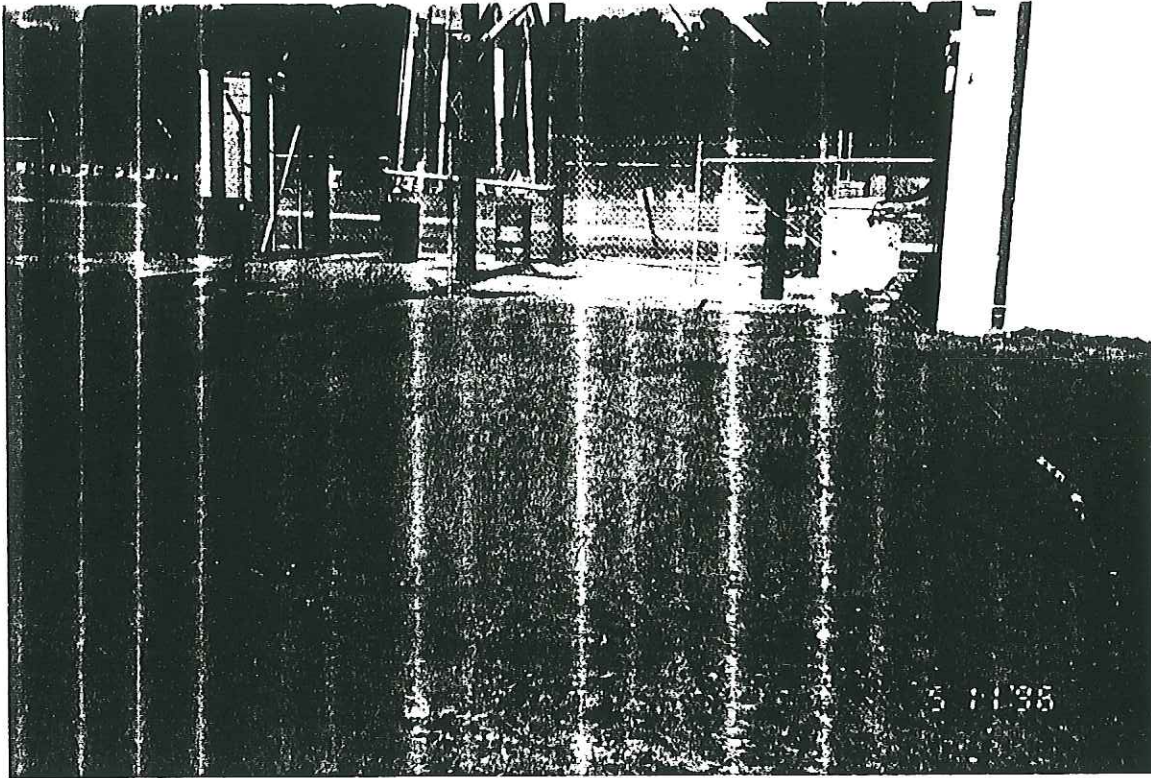


Photo 3. The site after backfilling and grading.

CERTIFICATE OF DESTRUCTION



ANDERSON COLUMBIA
ENVIRONMENTAL, INC.

P.O. Box 1386
Lake City, Florida 32056-1386
(904) 755-1196 (904) 755-5430 FAX

CERTIFICATE OF TANK DESTRUCTION

THIS CERTIFICATE IS ISSUED BY ANDERSON COLUMBIA ENVIRONMENTAL, INC. TO:

Savannah Steel + Metal

FOR THE DOCUMENTATION OF TANK DESTRUCTION AS IDENTIFIED BELOW:

Hunter AAF - Bldg 8629 - Tank #9
104
UST SITE NAME

TANK TYPE: ABOVE GROUND STORAGE X UNDERGROUND STORAGE

TANK CAPACITY/SIZE: 5000 GAX STEEL TANK REGISTRATION NO. (IF KNOWN):

TANK WAS:

- CLEANED AND DECONTAMINATED ON (DATE): 10-31-96
- REMOVED FROM SITE ON (DATE): Savannah Steel + Metal
- RECEIVED BY SSM
- FOR RECYCLING OR ULTIMATE DISPOSAL ON (DATE):

 SIGNATURE OF RECEIVING FACILITY'S REPRESENTATIVE
11-4-96 DATE

PROCEDURES FOR TANK DESTRUCTION WERE PERFORMED IN ACCORDANCE WITH ALL FEDERAL, STATE, AND GOVERNMENT REQUIREMENTS.

ANDERSON COLUMBIA ENVIRONMENTAL, INC.

10-31-96
ACE JOB NUMBER

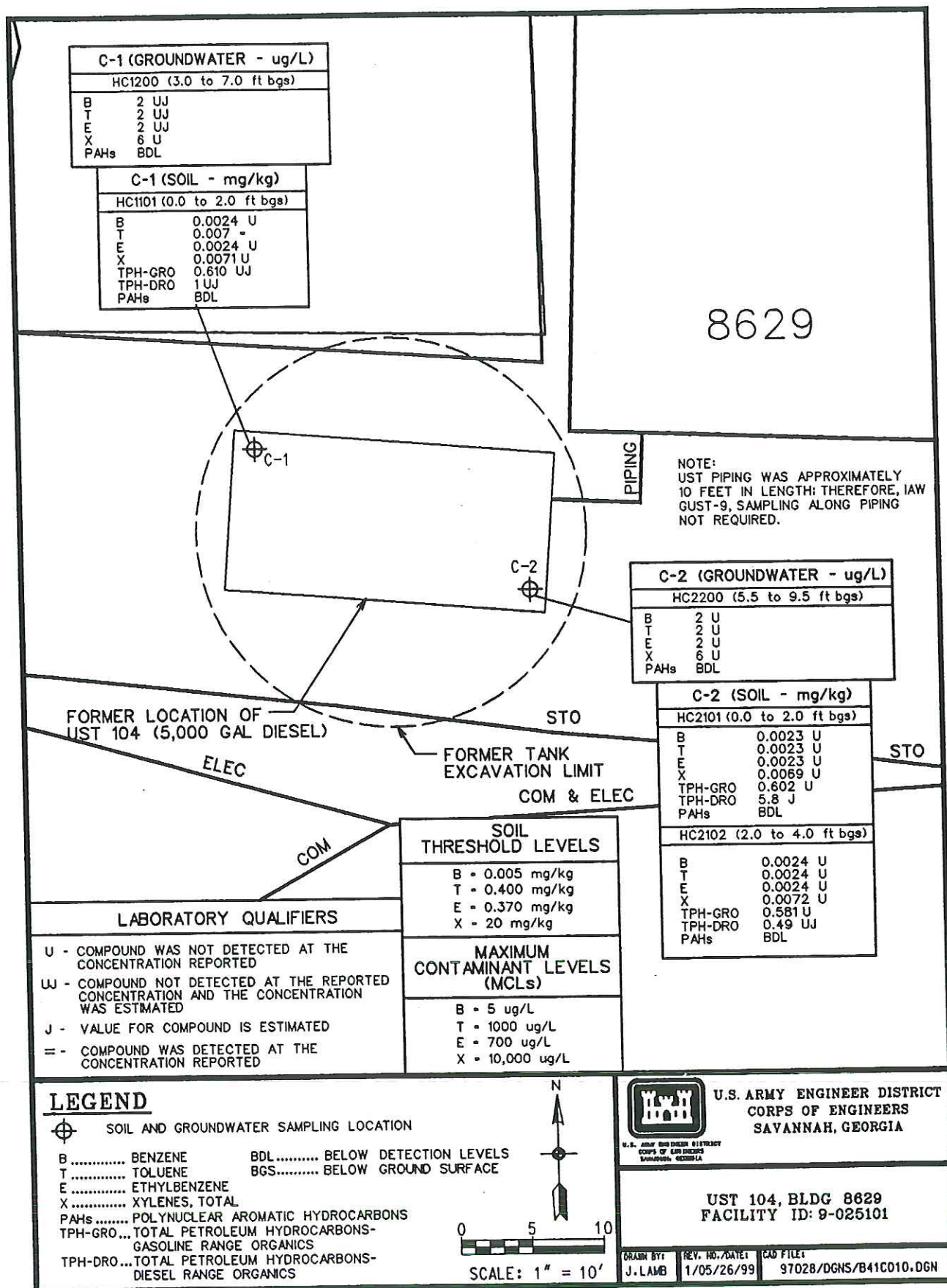
9-025101

TAB 5
SITE MAPS

TAB 5
SITE MAPS

Map #1: Provided to Fort Stewart/Hunter Army Airfield by Science Applications International Corporation after the groundwater investigation (April 1998). The site map depicts the tank pit area, all underground utilities, sample locations (C-1 and C-2), approximate location of associated piping, and includes a directional arrow and scale.

Map #2: Provided to Fort Stewart/Hunter Army Airfield by Anderson Columbia Environmental (ACE) upon completion of tank removal activities (October 1996). The site map depicts the tank pit area, sampling location (S1), approximate location of associated piping, and includes a directional arrow and scale.





Building 8629

Electric Sub Station

Excavation Limit

Approx Piping
Location

Grass

Sample	Depth	FID
1	2'	2
2	3'	3
3	4'	0
4	6'	7
5	3.5'	50
6	2.5'	0
7	3.5'	25
8	3'	2
9	3'	200
10	3'	460
(60 ppm methane)		

LEGEND

③ 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 8629

Tank 104 Facility Id No 9-035101

Hunter AAF, Savannah, Georgia

Delivery Order 102

FIGURE NO.: 1

MAP#2

TAB 6

**GUST FORMS AND
FIELD ASSESSMENT METHODS**

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

state use only

Part I: Facility Data

FACILITY ID NUMBER: 9-025101

OWNER'S ID: 197

INITIAL DATE RECEIVED: 05-06-1986

DATE AMENDED LAST: 02-02-1996

NOTIFICATION TYPE: ☐ New ☒ Amended ☒ Closure

OWNERSHIP OF TANK(S):

NUMBER OF TANK(S): 1

Name : US ARMY/FT STEWART
Mailing Address: HQS 3RD INF DIV (MECH) , 1557 FRANK COCHRAN DRIVE
City : FT STEWART State : GA Zip Code: 31314-4928
Phone: (912) 767-2010 County: LIBERTY

LOCATION OF TANK(S):

Name : HUNTER AAF/FAC 8629
Street Address: FAC 8629
City : SAVANNAH State : GA Zip Code : 31402-5026
County: CHATHAM Latitude: : : Longitude: : :
Phone : () -

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

FACILITY TYPE(S):

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

CONTACT PERSON IN CHARGE OF TANK(S)

Name : US ARMY/FT STEWART U.S. ARMY / FORT STEWART
Address: ~~HQ 24TH INF DIV (M)~~ , HQS 3D INF DIV (MECH) Thomas Fry, Environmental Branch Chief N ~~SPEAR/ENV ENG~~
City : FT STEWART 1557 Frank Cochran Drive p Code: ~~31314-5000~~
Phone : (912) 767-~~1071~~ 2010 Fort Stewart, GA 31314-4928

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part I: Facility Data

FINANCIAL RESPONSIBILITY:

FACILITY ID NUMBER: 9-025101

- ☒ I meet the financial responsibility requirements of §12-13-9 Official Code of Georgia Annotated by providing or participating in one of the following financial assurance mechanisms.

Primary Financial Responsibility Mechanism: (check one):

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

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

Financial Responsibility Provider (Primary):

Name : US ARMY 3RD INFANTRY DIV

Address: 1587 FRANK COCHRAN DR, SUITE 1 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 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 primary Financial Responsibility Mechanism is other than GUST Trust Fund and it has deductible, you must also check one of the following boxes indicating how coverage for the deductible is being provided.

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

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

Financial Responsibility Provider (Deductible):

Name :

Address: City: State:

Mechanism Id Number:

Mechanism Anniversary Date:

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part II: Tank Data

FACILITY ID	9-025101				
TANK ID	104				
Status of Tank					
Currently In Use					
Temp. Out of Use					
Perm. Out of Use	X				
Date of Installation	02-06-1975				
Age	23				
Est. Total Capacity	5,000				
Material of Construction					
Asphalt or Bare Steel	X				
Cath. Protected Steel					
Epoxy Coated Steel					
Composite					
Fiberglass Reinf. Plas.					
Lined Interior					
Double Walled					
Poly. Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, explanation					
Date Tank Repaired					
Piping Material					
Steel					
Galvanized Steel	X				
Fiberglass					
Copper					
Cathodically Protected					
Double Walled					
Secondary Containment					
Unknown					
Other, explanation					
Date Piping Installed					
Piping Type					
Suction: No Valve					
Suction: Valve					
Pressure					
Gravity Fed					
Date Piping Repaired					
Substance Stored in Tank					
Gasoline					
Diesel	X				
Gasohol					
Kerosene					
Heating Oil					
Used Oil					
Propane					
Empty					
Other, explanation					

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part II: Tank Data

FACILITY ID	9-025101		
TANK ID	104		
Substance Stored in Tank			
Hazardous Substance			
CERCLA Name			
CAS Number			
Mixture			
Mixture, Specification			
Tanks Out of Use/Chg. Ser.			
Est. Date Last Used	10-96 UN-	10-96	
Est. Date Closed	10-96	10-96	
Removed from Ground	X		
Closed in Ground		X	
Filled with Inert Mat.		X	
Change in Service			
Site Assessment Compl.			
Leak Detected			
Installation			
Certified by Mfg			
Certified by Imple Agn.			
Inspected by Engineer			
Checklists Completed			
Another Allowed Method			
Other Description			
Leak Detection			
Tank Tightness Testing			
Inventory Controls			
SIR			
Automatic Tank Gauging			
Inter. Mon./Double Wall			
Groundwater Monitoring			
Manual Tank Gauging			
Vapor Monitoring			
Inter. Mon./Sec. Cont.			
Auto. Line Leak Detect.			
Line Tightness Testing			
Other Method			
Other Description			
Spill and Overfill			
Date Overfill Device			
Date Spill Device			
Installer Certification			
Name			
Position			
Company			

Part III: Certifications

TH OF
STALLATION: I certify the information concerning installation of the UST system, release detection, and spill/overfill protection specified in Part II-Tank data is true to the best of my belief and knowledge.

staller:

Company_____
Company Address_____
Authorized Representative_____
Signature_____
Date_____
Title_____
Telephone Number (include Area Code)

RTIFICATION: 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.

er:

Thomas C. Fry_____
Environmental Branch Chief

Owner Name

TitleThomas C. Fry
Owner's Signature05/11/99
Date

TAB 6 FIELD ASSESSMENT METHODS

SOIL SAMPLE (October 1996)

One soil sample was collected for analytical testing by Anderson Columbia Environmental, Inc. (ACE) personnel two feet below the actual excavation boundaries for the tank formerly located at Building 8629 (i.e., UST #104, a 5000-gallon emergency generator tank). The soil sample was collected into appropriate (i.e., depending on required analyses) 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, located in Norcross, Georgia.

Soil samples for field screening were collected by ACE personnel from each side of the excavation and from the bottom of the excavated 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 membrane 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 to equilibrate for approximately 15 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 INVESTIGATION (April 1998)

The groundwater investigation at the site included the following activities:

1. Two soil boreholes were drilled within the former tank pit to the local water table using a hollow-stem auger rig.
2. Soil samples were continuously collected from 2.5 foot intervals during borehole drilling. Field headspace gas analysis was performed on each sample to determine organic vapor concentration.
3. For each borehole drilled, soil samples for laboratory analysis were selected only from boreholes where organic vapors were detected (one soil sample from the 2.5 foot interval where the highest vapor concentration was encountered, and the other from the 2.5 foot interval located immediately above or at the water table). Chemical parameters for soil samples submitted included BTEX, PAH, and TPH.
4. One groundwater sample was collected from each borehole upon reaching the water table using a Hydropunch II or similar device. Chemical parameters for groundwater samples submitted for laboratory analysis included BTEX and PAH.

The soil samples were collected into appropriate (i.e., depending on required analyses) precleaned, labeled laboratory sample bottles and immediately placed on ice. The samples were shipped under Chain of Custody to General Engineering Laboratory, located in Charleston, South Carolina.

TAB 6
PIPING CERTIFICATION

The undersigned certifies that, to the best of my knowledge and those working under my direct supervision, the piping associated with UST #104, formerly located at Building 8629, Hunter Army Airfield, Georgia, was closed in-place by our contractor, Anderson Columbia Environmental. In-place closure consisted of purging the line and grouting both ends.

The undersigned also certifies that the piping at this facility associated with UST#104, an emergency generator (diesel) tank, was not greater than 25 feet in length. Therefore, and in accordance with GUST Rules, pipeline sampling is not required, nor was it performed.

Name: Thomas C. Fry

Title: Chief, Environmental and
Natural Resources Division

Signature: Thomas C. Fry

Date: 12/20/99

TAB 7

ANALYTICAL DATA

TAB 7
LABORATORY ANALYTICAL DATA

The analytical results from the one soil sample obtained during UST closure activities and the two additional borings installed at this site in April 1998 are provided for your use and convenience. The analytical results from the groundwater investigation (April 1998) are followed by the analytical results from the UST removal (October 1996). All corresponding chain of custody forms and data validation is also included in this section.

NOTE: Map#1, included in Tab 5, depicts the sampling locations from the groundwater investigation. Map#2, also included in Tab 5, depicts the sampling location from the tank removal.

UST 104, Building 8629
Hunter Army Airfield
Chatham County, Facility ID: 9-025101

TABLE 1. SUMMARY OF SOIL ANALYTICAL RESULTS³

Location Sample ID Date Collected Depth (ft BGS)	Applicable Standards ¹	C-1 HC1101 04/09/98 0.0 to 2.0	C-2 HC2101 4/09/98 0.0 to 2.0	C-2 HC2102 4/09/98 2.0 to 4.0
VOCs	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	0.005	0.0024 U	0.0023 U	0.0024 U
Toluene	0.400	0.007 =	0.0023 U	0.0024 U
Ethylbenzene	0.370	0.0024 U	0.0023 U	0.0024 U
Xylenes	20.00	0.0071 U	0.0069 U	0.0072 U
TPH-DRO	NRC	1.0 UJ	5.8 J	0.49 UJ
TPH-GRO	NRC	0.610 UJ	0.602 U	0.581 U
PAHs	mg/kg	mg/kg	mg/kg	mg/kg
2-Chloronaphthalene	NRC	0.406 U	0.399 U	0.385 U
Acenaphthene	N/A ²	0.406 U	0.399 U	0.385 U
Acenaphthylene	NRC	0.406 U	0.399 U	0.385 U
Anthracene	N/A ²	0.406 U	0.399 U	0.385 U
Benzo(a)anthracene	N/A ²	0.406 U	0.399 U	0.385 U
Benzo(a)pyrene	0.660	0.406 U	0.399 U	0.385 U
Benzo(b)fluoranthene	0.820	0.406 U	0.399 U	0.385 U
Benzo(g,h,i)perylene	N/A ²	0.406 U	0.399 U	0.385 U
Benzo(k)fluoranthene	1.60	0.406 U	0.399 U	0.385 U
Chrysene	0.660	0.406 U	0.399 U	0.385 U
Dibenzo(a,h)anthracene	1.50	0.406 U	0.399 U	0.385 U
Fluoranthene	N/A ²	0.406 U	0.399 U	0.385 U
Fluorene	N/A ²	0.406 U	0.399 U	0.385 U
Indeno(1,2,3-cd)pyrene	0.660	0.406 U	0.399 U	0.385 U
Naphthalene	N/A ²	0.406 U	0.399 U	0.385 U
Phenanthrene	N/A ²	0.406 U	0.399 U	0.385 U
Pyrene	N/A ²	0.406 U	0.399 U	0.385 U

NOTE: ¹Georgia Department of Natural Resources (GA DNR) Applicable Soil Threshold Levels (i.e., Table A, column 1).

²Not applicable; the health-based threshold level exceeds the expected soil concentration under free product conditions.

³All field work and analytical sampling were performed prior to the release of the new GA DNR Corrective Action Plan (CAP)-Part A Guidance (i.e., May 1998); therefore, the new analytical methods specified were not used.

BGS - Below ground surface.

NRC - No regulatory criteria.

PAHs - Polynuclear aromatic hydrocarbons.

TPH-DRO - Total petroleum hydrocarbon-diesel-range organics.

TPH-GRO - Total petroleum hydrocarbon-gasoline-range organics.

VOCs - Volatile organic compounds.

Laboratory Qualifier

U - Indicates the compound was not detected at the concentration reported.

J - Indicates the value for the compound is an estimated value.

UJ - Indicates the compound was not detected at the reported concentration and the concentration was estimated.

= - Indicates the compound was detected at the concentration reported.

CHAIN OF CUSTODY RECORD

COC NO.: 41098B

PROJECT NAME: CAP - Hunter AFB - Part A				REQUESTED PARAMETERS												LABORATORY NAME: General Engineering Laboratory	
PROJECT NUMBER: 0019																LABORATORY ADDRESS: 2040 Savage Road Charleston, SC 29417	
PROJECT MANAGER: Allison Bailey																PHONE NO: (803) 556-8171	
Sampler (Signature) <i>Patricia A. Hall</i>				(Printed Name) Mitchell Hall													
Sample ID	Date Collected	Time Collected	Matrix	ETX	PM	DR	GRO	TOC					No. of Bottles/Vials	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS		
HC1101	4/09/98	1315	Soil	X	X	X	X	X						2	1900	09804286-08	
HP3103	4/10/98	0735	Soil	X	X	X	X	X						2	2000	09804286-15	
HP3105	4/10/98	0750	Soil	X	X	X	X	X						2	5000	09804286-16	
HP2101	4/09/98	1555	Soil	X	X	X	X	X						2	516	09804286-17	
HP2105	4/09/98	1615	Soil	X	X	X	X	X						2	32	09804286-18	
HP1102	4/09/98	1455	Soil	X	X	X	X	X						2	2000	09804286-19	
HP1105	4/09/98	1525	Soil	X	X	X	X	X						2	1005	09804286-20	
HP6400	4/10/98	0945	Soil					X						1	NA	09804286-01	
HP4105	4/10/98	0920	Soil	X	X	X	X	X						2	2000	09804286-02	
HP4104	4/10/98	0915	Soil	X	X	X	X	X						2	1040	09804286-03	
HC2102	4/09/98	1340	Soil	X	X	X	X	X						2	70	09804286-04	
HC2101	4/09/98	1335	Soil	X	X	X	X	X						2	2000	09804286-05	
RELINQUISHED BY: <i>Mitchell Hall</i>				Date/Time 4/10/98	RECEIVED BY: <i>Patricia A. Hall</i>				Date/Time 4-10-98	TOTAL NUMBER OF CONTAINERS: 23				Cooler Temperature: 40C			
COMPANY NAME: <i>SAIC</i>					COMPANY NAME: <i>GEEL</i>					Cooler ID: 326				FEDEX NUMBER: <i>NA</i>			
RECEIVED BY: <i>Raymond Reed</i>				Date/Time 4/10/98	RELINQUISHED BY:				Date/Time 15:45	HC1101 } quick turnaround HC2102 } HC2101 }							
COMPANY NAME: <i>G. E. L.</i>					COMPANY NAME:												
RELINQUISHED BY: <i>Raymond Reed</i>				Date/Time 4/10/98	RECEIVED BY:				Date/Time 15:45								
COMPANY NAME: <i>G. E. L.</i>					COMPANY NAME:												

1A DATA VALIDATION
VOLATILE ORGANICS ANALYSIS DATA SHEET
COPY

EPA SAMPLE NO.

HC1101

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA011S

Matrix: (soil/water) SOIL Lab Sample ID: 9804286-03

Sample wt/vol: 10.0 (g/mL) G Lab File ID: 2D5028

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: not dec. 16 Date Analyzed: 04/10/98

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

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

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

71-43-2-----Benzene	2.4	U	21122
108-88-3-----Toluene	7.0		
100-41-4-----Ethylbenzene	2.4	U	
1330-20-7-----Xylenes (total)	7.1	U	

FORM 1 Science Applications10-APR-1998 SA
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HC1101

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA011S

Matrix: (soil/water) SOIL Lab Sample ID: 9804286-08

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 4D40017

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: 18 decanted: (Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 04/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG		Q
-----	Diesel Range Organics	1.0	B	

VS c14, F01, R
F07

FORM I SV

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HC1101

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA011S

Matrix: (soil/water) SOIL Lab Sample ID: 9804286-08

Sample wt/vol: 10.0 (g/mL) G Lab File ID: 1E609

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: not dec. 18 Date Analyzed: 04/18/98

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

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

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

-----Gasoline Range Organics	610	U	05 G02
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USE

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HC1101

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA011S

Matrix: (soil/water) SOIL Lab Sample ID: 9804286-08

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1P507

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: 18 decanted: (Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 04/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

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

91-20-3-----	naphthalene	406	U
91-58-7-----	2-chloronaphthalene	406	U
208-96-8-----	acenaphthylene	406	U
83-32-9-----	acenaphthene	406	U
86-73-7-----	fluorene	406	U
85-01-8-----	phenanthrene	406	U
120-12-7-----	anthracene	406	U
206-44-0-----	fluoranthene	406	U
129-00-0-----	pyrene	406	U
56-55-3-----	benzo (a) anthracene	406	U
218-01-9-----	chrysene	406	U
205-99-2-----	benzo (b) fluoranthene	406	U
207-08-9-----	benzo (k) fluoranthene	406	U
50-32-8-----	benzo (a) pyrene	406	U
193-39-5-----	indeno (1,2,3-cd) pyrene	406	U
53-70-3-----	dibenz (a,h) anthracene	406	U
191-24-2-----	benzo (g,h,i) perylene	406	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HC2101

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA011S

Matrix: (soil/water) SOIL Lab Sample ID: 9804286-05

Sample wt/vol: 10.0 (g/mL) G Lab File ID: 2D5030

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: not dec. 13 Date Analyzed: 04/10/98

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

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

CAS NO.

COMPOUND

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

Q

71-43-2-----Benzene	2.3	U	C ↓
108-88-3-----Toluene	2.3	U	
100-41-4-----Ethylbenzene	2.3	U	
1330-20-7-----Xylenes (total)	6.9	U	

FORM I VOA

FORM 1 Science Applications 10-APR-1996 SA
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HC2101

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA011S

Matrix: (soil/water) SOIL Lab Sample ID: 9804286-10

Sample wt/vol: 30.5 (g/mL) G Lab File ID: 4D40019

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: 17 decanted: (Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 04/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG		Q
-----	Diesel Range Organics	5.8	B	J C14, F08

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HC210

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA011S

Matrix: (soil/water) SOIL Lab Sample ID: 9804286-10

Sample wt/vol: 10.0 (g/mL) G Lab File ID: 1F3011

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: not dec. 17 Date Analyzed: 04/22/98

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

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

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

-----Gasoline Range Organics	602	U
------------------------------	-----	---

U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HC2101

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA011S

Matrix: (soil/water) SOIL Lab Sample ID: 9804286-10

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 1P511

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: 17 decanted: (Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 04/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

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

91-20-3-----	naphthalene	399	U
91-58-7-----	2-chloronaphthalene	399	U
208-96-8-----	acenaphthylene	399	U
83-32-9-----	acenaphthene	399	U
86-73-7-----	fluorene	399	U
85-01-8-----	phenanthrene	399	U
120-12-7-----	anthracene	399	U
206-44-0-----	fluoranthene	399	U
129-00-0-----	pyrene	399	U
56-55-3-----	benzo(a)anthracene	399	U
218-01-9-----	chrysene	399	U
205-99-2-----	benzo(b)fluoranthene	399	U
207-08-9-----	benzo(k)fluoranthene	399	U
50-32-8-----	benzo(a)pyrene	399	U
193-39-5-----	indeno(1,2,3-cd)pyrene	399	U
53-70-3-----	dibenz(a,h)anthracene	399	U
191-24-2-----	benzo(g,h,i)perylene	399	U

U
↓

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HC2102

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA011S

Matrix: (soil/water) SOIL Lab Sample ID: 9804286-04

Sample wt/vol: 10.0 (g/mL) G Lab File ID: 2D5029

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: not dec. 17 Date Analyzed: 04/10/98

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

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

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

71-43-2-----Benzene	2.4	U	U ↓
108-88-3-----Toluene	2.4	U	
100-41-4-----Ethylbenzene	2.4	U	
1330-20-7-----Xylenes (total)	7.2	U	

FORM I VOA

FORM 1 Science Applications
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HC2102

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA011S

Matrix. (soil/water) SOIL Lab Sample ID: 9804286-09

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 4D40018

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: 14 decanted: (Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 04/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG	Q
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-----Diesel Range Organics	0.49	JB	US C14, F21, F2
----------------------------	------	----	-----------------

FORM I SV

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HC2102

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA0113

Matrix: (soil/water) SOIL Lab Sample ID: 9804286-09

Sample wt/vol: 10.0 (g/mL) G Lab File ID: 1F3010

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: not dec. 14 Date Analyzed: 04/22/98

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

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

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

-----Gasoline Range Organics	581	U	U
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HC2102

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA011S

Matrix: (soil/water) SOIL Lab Sample ID: 9804286-09

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 1P510

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: 14 decanted: (Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 04/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

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

91-20-3-----	naphthalene	385	U
91-58-7-----	2-chloronaphthalene	385	U
208-96-8-----	acenaphthylene	385	U
83-32-9-----	acenaphthene	385	U
86-73-7-----	fluorene	385	U
85-01-8-----	phenanthrene	385	U
120-12-7-----	anthracene	385	U
206-44-0-----	fluoranthene	385	U
129-00-0-----	pyrene	385	U
56-55-3-----	benzo (a) anthracene	385	U
218-01-9-----	chrysene	385	U
205-99-2-----	benzo (b) fluoranthene	385	U
207-08-9-----	benzo (k) fluoranthene	385	U
50-32-8-----	benzo (a) pyrene	385	U
193-39-5-----	indeno (1,2,3-cd) pyrene	385	U
53-70-3-----	dibenz (a,h) anthracene	385	U
191-24-2-----	benzo (g,h,i) perylene	385	U

UST 104, Building 8629
Hunter Army Airfield
Chatham County, Facility ID: 9-025101

TABLE 2. SUMMARY OF GROUNDWATER ANALYTICAL RESULTS²

Location Sample ID Date Collected Depth (ft BGS)	Applicable Standards ¹	C-1 HC1200 04/09/98 3.0 to 7.0	C-2 HC2200 04/09/98 5.5 to 9.5
VOCs	µg/L	µg/L	µg/L
Benzene	5	2 U	2 U
Toluene	1,000	2 U	2 U
Ethylbenzene	700	2 U	2 U
Xylenes	10,000	6 U	6 U
PAHs	µg/L	µg/L	µg/L
2-Chloronaphthalene	NRC	10.6 U	10.2 U
Acenaphthene	NRC	10.6 U	10.2 U
Acenaphthylene	NRC	10.6 U	10.2 U
Anthracene	NRC	10.6 U	10.2 U
Benzo(a)anthracene	NRC	10.6 U	10.2 U
Benzo(a)pyrene	0.2	10.6 U	10.2 U
Benzo(b)fluoranthene	NRC	10.6 U	10.2 U
Benzo(g,h,i)perylene	NRC	10.6 U	10.2 U
Benzo(k)fluoranthene	NRC	10.6 U	10.2 U
Chrysene	NRC	10.6 U	10.2 U
Dibenzo(a,h)anthracene	NRC	10.6 U	10.2 U
Fluoranthene	NRC	10.6 U	10.2 U
Fluorene	NRC	10.6 U	10.2 U
Indeno(1,2,3-cd)pyrene	NRC	10.6 U	10.2 U
Naphthalene	NRC	10.6 U	10.2 U
Phenanthrene	NRC	10.6 U	10.2 U
Pyrene	NRC	10.6 U	10.2 U

NOTE: ¹U.S. Environmental Protection Agency maximum contaminant level.

²All field work and analytical sampling were performed prior to the release of the new Georgia Department of Natural Resources (GA DNR) Corrective Action Plan (CAP)-Part A Guidance (i.e., May 1998); therefore, the new analytical methods specified were not used.

BGS - Below ground surface.

NRC - No regulatory criteria.

PAHs - Polynuclear aromatic hydrocarbons.

VOCs - Volatile organic compounds.

Laboratory Qualifiers

U - Indicates the compound was not detected at the concentration reported.

J - Indicates the value for the compound is an estimated value.

UJ - Indicates the compound was not detected at the reported concentration and the concentration was estimated.

- - Indicates the compound was detected at the concentration reported.

CHAIN OF CUSTODY RECORD

COC NO.: 41698F

PROJECT NAME: CAP - Hunter AFB - Part A							REQUESTED PARAMETERS						LABORATORY NAME: General Engineering Laboratory			
PROJECT NUMBER: 0019													LABORATORY ADDRESS: 2040 Savage Road Charleston, SC 29417			
PROJECT MANAGER: Allison Bailey													PHONE NO: (803) 556-8171			
Sampler (Signature) <i>Mitchell Hall</i>		(Printed Name) Mitchell Hall											OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS		
Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	DNP	GRO	TOC	No. of Bottles/Vials:							
HC1200	4/09/98	1325	water	X					2						NA	9804#19-10
HP1200	4/09/98	1530	water	X					2						NA	9804#284-30
RELINQUISHED BY: <i>Mitchell Hall</i>		Date/Time 4/10/98		RECEIVED BY: S. Francis		Date/Time 4/10/98		TOTAL NUMBER OF CONTAINERS: 4		Cooler Temperature: 4°C		FEDEX NUMBER:				
COMPANY NAME: SAIC				SIGNATURE: Die Loes GIBBS		1545		Cooler ID: 375				<i>nott</i>				
RECEIVED BY: <i>Raymond Reed</i>		Date/Time 4/10/98		RELINQUISHED BY:		Date/Time						HC1200 - quick turnaround				
COMPANY NAME: G.E.L.				COMPANY NAME:												
RELINQUISHED BY: <i>Raymond Reed</i>		Date/Time 4/10/98		RECEIVED BY:		Date/Time										
COMPANY NAME: G.E.L.				COMPANY NAME:												

COC NO.: 41698F

PROJECT NAME: CAP - Hunter AFB - Part A		PROJECT NUMBER: 0019		PROJECT MANAGER: Allison Bailey		Requested Parameters		Laboratory Name: General Engineering Laboratory	
Sample ID		Date Collected		Time Collected		Matrix		Laboratory Address: 2040 Savage Road Charleston, SC 29417	
Sampler (Signature) <i>Nichelle Hall</i>		Date Collected		Time Collected		Matrix		Phone NO: (803) 556-8171	
Sample ID		Date Collected		Time Collected		Matrix		OVA SCREENING	
HP5333p	4/10/98	1010	water						NA
HP5333p	4/10/98	1040	water						NA
HP3233p	4/10/98	0730	water						NA
HP5333p	4/10/98	1040	water						NA
HP5333p	4/10/98	1010	water						NA
HTB010	4/10/98	0800	water						NA
HP4200p	4/10/98	0930	water						NA
HP2200p	4/10/98	1630	water						NA
HP5333p	4/10/98	0830	water						NA
HP3200p	4/10/98	0800	water						NA
HP5333p	4/10/98	0815	water						NA
HP1210	4/10/98	1530	water						NA
HC2200p	4/10/98	1410	water						NA
RELINQUISHED BY: <i>Nichelle</i>		Date/Time: 4/10/98 1545		RECEIVED BY: Dianne Terrell		Date/Time: 4/10/98 1545		TOTAL NUMBER OF CONTAINERS: 26	
COMPANY NAME: <i>DAIC</i>		Date/Time: 4/10/98 1545		SIGN for DELBES GIBBS		Date/Time: 4/10/98 1545		Cooler ID: #375	
RECEIVED BY: <i>Dianne Terrell</i>		Date/Time: 4/10/98 1545		COMPANY NAME: <i>SEL</i>		Date/Time: 4/10/98 1545		Cooler Temperature: 9°C	
COMPANY NAME: <i>G.E.L.</i>		Date/Time: 4/10/98 1545		RELINQUISHED BY:		Date/Time: 4/10/98 1545		FEDEX NUMBER: NA	
RECEIVED BY: <i>Dianne Terrell</i>		Date/Time: 4/10/98 1545		COMPANY NAME:		Date/Time: 4/10/98 1545		HC2200p - quick turnaround	
COMPANY NAME: <i>G.E.L.</i>		Date/Time: 4/10/98 1545		RECEIVED BY:		Date/Time: 4/10/98 1545			
RELINQUISHED BY: <i>Dianne Terrell</i>		Date/Time: 4/10/98 1545		COMPANY NAME:		Date/Time: 4/10/98 1545			
COMPANY NAME: <i>G.E.L.</i>		Date/Time: 4/10/98 1545		RECEIVED BY:		Date/Time: 4/10/98 1545			

CHAIN OF CUSTODY RECORD

COC NO.: 41698C

PROJECT NAME: CAP - Hunter AFB - Part A			REQUESTED PARAMETERS										LABORATORY NAME: General Engineering Laboratory	
PROJECT NUMBER: 0019													LABORATORY ADDRESS: 2040 Savages Road Charleston, SC 29417	
PROJECT MANAGER: Allison Bailey													PHONE NO: (803) 556-8171	
Sampler (Signature) <i>Michael Hall</i>			(Printed Name) Michael Hall											
Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	DRP	GRO	TOC	No. of Bottles/Vials		OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS		
HP2200	4/9/98	1630	water	X							NA	9804213-15		
HP1210	4/9/98	1530	water	X							NA	9804214-16		
HC2200	4/9/98	1410	water	X							NA	9804214-17		
HP1200	4/9/98	1530	water	X							NA	9804284-08		
HC1200	4/9/98	1325	water	X							NA	9804284-09		
RECEIVED BY: <i>Michael Hall</i> COMPANY NAME: <i>ETHC</i>														
RELINQUISHED BY: <i>Michael Hall</i> COMPANY NAME: <i>ETHC</i>			DATE/TIME: 4/10/98 1325		RECEIVED BY: <i>Michael Hall</i> COMPANY NAME: <i>ETHC</i>		DATE/TIME: 4/10/98 1545		RELINQUISHED BY: <i>Michael Hall</i> COMPANY NAME: <i>ETHC</i>		DATE/TIME: 4/10/98 1545		RELINQUISHED BY: <i>Michael Hall</i> COMPANY NAME: <i>ETHC</i>	
RELINQUISHED BY: <i>Michael Hall</i> COMPANY NAME: <i>ETHC</i>			DATE/TIME: 4/10/98 1545		RELINQUISHED BY: <i>Michael Hall</i> COMPANY NAME: <i>ETHC</i>		DATE/TIME: 4/10/98 1545		RELINQUISHED BY: <i>Michael Hall</i> COMPANY NAME: <i>ETHC</i>		DATE/TIME: 4/10/98 1545		RELINQUISHED BY: <i>Michael Hall</i> COMPANY NAME: <i>ETHC</i>	
RELINQUISHED BY: <i>Michael Hall</i> COMPANY NAME: <i>ETHC</i>			DATE/TIME: 4/10/98 1545		RELINQUISHED BY: <i>Michael Hall</i> COMPANY NAME: <i>ETHC</i>		DATE/TIME: 4/10/98 1545		RELINQUISHED BY: <i>Michael Hall</i> COMPANY NAME: <i>ETHC</i>		DATE/TIME: 4/10/98 1545		RELINQUISHED BY: <i>Michael Hall</i> COMPANY NAME: <i>ETHC</i>	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HC1200

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA010W

Matrix: (soil/water) GROUNDH2O Lab Sample ID: 9804219-10

Sample wt/vol: 10.00 (g/ml) ML Lab File ID: 2D608

Level: (low/med) LOW DATA VALIDATION Date Received: 04/10/98

% Moisture: not dec. _____ COPY Date Analyzed: 04/11/98

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

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

CAS NO.

COMPOUND

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

Q

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

DATA VALIDATION

COPY

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HC1200

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA

Case No.: NA

SAS No.: NA

SDG No.: HA013W

Matrix: (soil/water) GROUNDH2O

Lab Sample ID: 9804284-09

Sample wt/vol: 945.0 (g/mL) ML

Lab File ID: 4Q313

Level: (low/med) LOW

Date Received: 04/10/98

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

Date Extracted: 04/13/98

Concentrated Extract Volume: 1.00 (mL)

Date Analyzed: 04/22/98

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

CAS NO.

COMPOUND

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

Q

91-20-3-----	naphthalene	10.6	U
91-58-7-----	2-chloronaphthalene	10.6	U
208-96-8-----	acenaphthylene	10.6	U
83-32-9-----	acenaphthene	10.6	U
86-73-7-----	fluorene	10.6	U
85-01-8-----	phenanthrene	10.6	U
120-12-7-----	anthracene	10.6	U
206-44-0-----	fluoranthene	10.6	U
129-00-0-----	pyrene	10.6	U
56-55-3-----	benzo (a) anthracene	10.6	U
218-01-9-----	chrysene	10.6	U
205-99-2-----	benzo (b) fluoranthene	10.6	U
207-08-9-----	benzo (k) fluoranthene	10.6	U
50-32-8-----	benzo (a) pyrene	10.6	U
193-39-5-----	indeno (1,2,3-cd) pyrene	10.6	U
53-70-3-----	dibenz (a,h) anthracene	10.6	U
191-24-2-----	benzo (g,h,i) perylene	10.6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

HC2200

Lab Code: NA

Case No.: NA

SAS No.: NA

SDG No.: HA010W

Matrix: (soil/water) GROUNDH2O

Lab Sample ID: 9804219-09

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

Lab File ID: 2D609

Level: (low/med) LOW

Date Received: 04/10/98

% Moisture: not dec. _____

Date Analyzed: 04/11/98

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

Dilution Factor: 1.0

Soil Extract Volume: _____ (ml)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

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

15
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

HC2200

Lab Code: NA

Case No.: NA

SAS No.: NA

SDG No.: HA010W

Matrix: (soil/water) WATER

Lab Sample ID: 9804219-17

Sample wt/vol: 980.0 (g/mL) ML

Lab File ID: 1R107

Level: (low/med) LOW

Date Received: 04/10/98

% Moisture: _____ decanted: (Y/N)

Date Extracted: 04/13/98

Concentrated Extract Volume: 1.00 (mL)

Date Analyzed: 04/27/98

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.0

CAS NO.

COMPOUND

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

Q

91-20-3	-----naphthalene	10.2	U
91-58-7	-----2-chloronaphthalene	10.2	U
208-96-8	-----acenaphthylene	10.2	U
83-32-9	-----acenaphthene	10.2	U
86-73-7	-----fluorene	10.2	U
85-01-8	-----phenanthrene	10.2	U
120-12-7	-----anthracene	10.2	U
206-44-0	-----fluoranthene	10.2	U
129-00-0	-----pyrene	10.2	U
56-55-3	-----benzo(a)anthracene	10.2	U
218-01-9	-----chrysene	10.2	U
205-99-2	-----benzo(b)fluoranthene	10.2	U
207-08-9	-----benzo(k)fluoranthene	10.2	U
50-32-8	-----benzo(a)pyrene	10.2	U
193-39-5	-----indeno(1,2,3-cd)pyrene	10.2	U
53-70-3	-----dibenz(a,h)anthracene	10.2	U
191-24-2	-----benzo(g,h,i)perylene	10.2	U

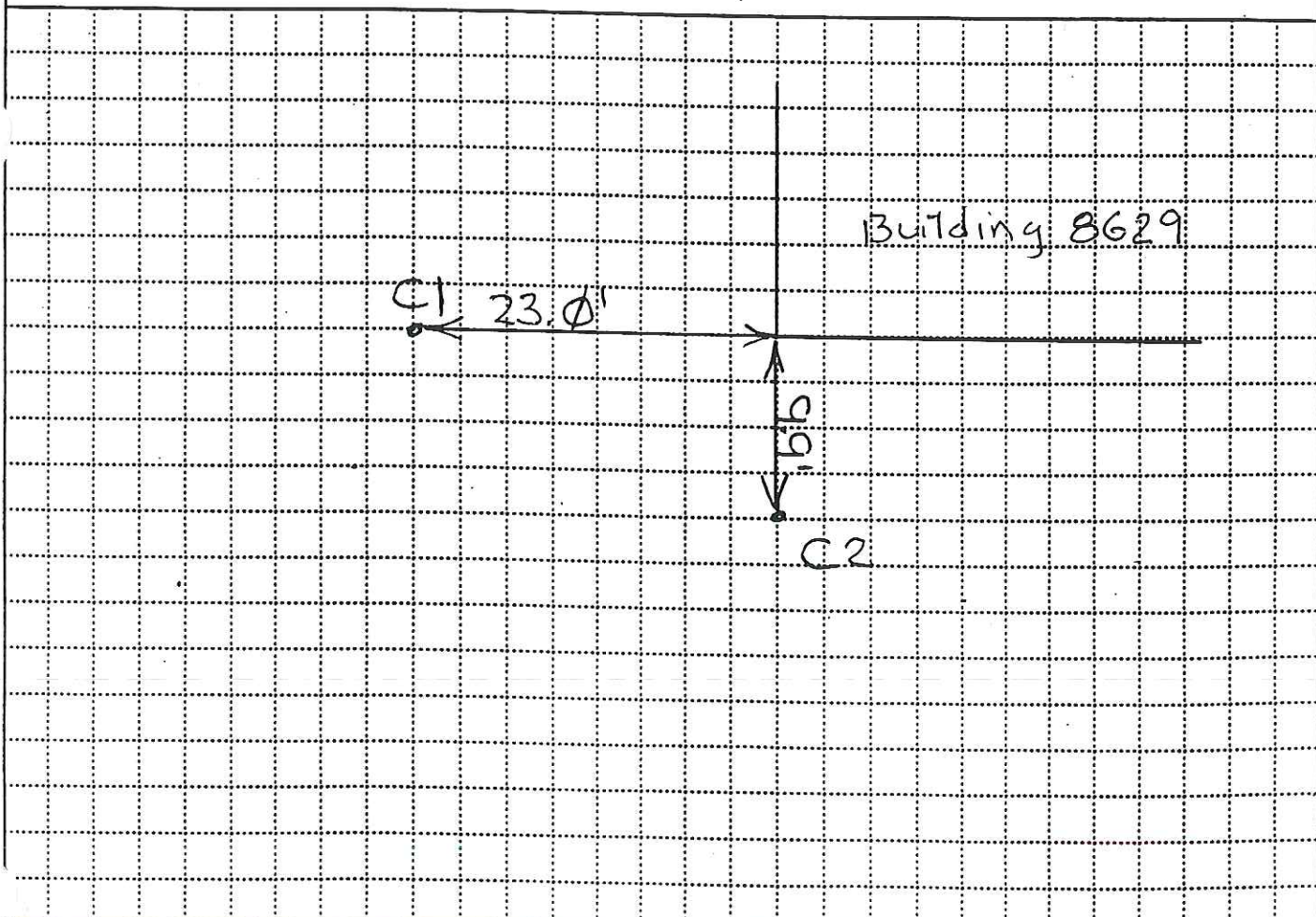
FORM I SV-1

OLM03.0

HTRW DRILLING LOG		INSTRUMENT		HOLE NUMBER	
1 COMPANY NAME		2 DRILL SUBCONTRACTOR		SHEET SHEETS	
SAIC		USACE Savannah RE Wright (SAIC)		C1 1 OF 2	
3 PROJECT		4 LOCATION			
HAAF CAP A UST sites		Hunter AAF Bldg 8629 Tank			
5 NAME OF DRILLER		6 MANUFACTURERS DESIGNATION OF DRILL			
		Geoprobe, Salina, KA			
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		8 HOLE LOCATION			
2" dia macro core acetic acid liner = 4'		C1			
shoe to drive cap = 4.6' push rods = 4' and 3', landing bore rods = 3' screen = 3.5'		9 SURFACE ELEVATION			
		TBD			
12 OVERBURDEN THICKNESS		10 DATE STARTED		11 DATE COMPLETED	
NA		4-9-98		4-9-98	
13 DEPTH DRILLED INTO ROCK		15 DEPTH GROUNDWATER ENCOUNTERED			
NA		See water level 109, 2.2' BG			
14 TOTAL DEPTH OF HOLE		16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED			
4' 7'		See water level 109			
18 GEOTECHNICAL SAMPLES		19 TOTAL NUMBER OF CORE BOXES			
DISTURBED		UNDISTURBED		NA	
NA		NA		NA	
20 SAMPLES FOR CHEMICAL ANALYSIS		VOC		OTHER (SPECIFY)	
		METALS		OTHER (SPECIFY)	
		OTHER (SPECIFY)		OTHER (SPECIFY)	
22 DISPOSITION OF HOLE		BACKFILLED		21 TOTAL CORE RECOVERY %	
piezometer		✓		63	
		MONITORING WELL			
		OTHER (SPECIFY)		23 SIGNATURE OF INSPECTOR	
		NO		John B. Reimer	

LOCATION SKETCH/COMMENTS

SCALE:



PROJECT	HOLE NO.
Hunter AAF CAP Part A UST Sites	C1

DEPTH (ft)	DESCRIPTION OF MATERIALS (C)	FIELD SCREENING RESULTS (D)	GEOTECH SAMPLE OR CORE BOX NO. (E)	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
0'	Top Soil v v v Silty fine sand varying colors 5YR4/3 reddish brown	head space 0' to 2' 19φφ		0' to 2' HC11φ1	Start 13:10 end 13:15 drilled 4' recovered 2.5' Note: ground water depth prevents enough soil material for a 2nd sample
4'	WT — 2.2'			HC12φφ	water sample collected at 3 to 7' TD = 7.0'
8'					

PROJECT

HAAF CAP A / UST INVESTIGATIONS

HOLE NO.

C1

HTRW DRILLING LOG		DISTRICT		USACE Savannah		HOLE NUMBER	
1. COMPANY NAME		2. DRILL SUBCONTRACTOR		3. LOCATION		4. SHEET	
SAIC		RE Wright (SAIC)		Hunter AAF Bldg 8629 Tank		1 OF 2	
5. NAME OF DRILLER		6. MANUFACTURERS DESIGNATION OF DRILL		7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		8. HOLE LOCATION	
John Hasselhoff		Geoprobe Salina, KA		2" dia Macrocore acetic acid liners = 4'		C2	
9. SURFACE ELEVATION		10. DATE STARTED		11. DATE COMPLETED		12. OVERBURDEN THICKNESS	
TBD		4-9-98		4-9-98		NA	
13. DEPTH DRILLED INTO ROCK		14. TOTAL DEPTH OF HOLE		15. DEPTH GROUNDWATER ENCOUNTERED		16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
NA		8.0' 9.5'		4.5'		see water level log	
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)		18. GEOTECHNICAL SAMPLES		19. TOTAL NUMBER OF CORE BOXES		20. SAMPLES FOR CHEMICAL ANALYSIS	
see water level log		NA		NA		VOC	
21. TOTAL CORE RECOVERY		22. DISPOSITION OF HOLE		23. SIGNATURE OF INSPECTOR		24. LOCATION SKETCH/COMMENTS	
98%		Piezometer		John B. Reeves		SCALE:	

See page 48

PROJECT	HOLE NO.
Hunter AAF CAP Part a UST sites	C2

DEPTH (D)	DESCRIPTION OF MATERIALS (C)	FIELD SCREENING RESULTS (B)	GEOTECH SAMPLE OR CORE BOX NO (E)	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
0'	0 to .6' Top Soil V V V V	head space 0' to 2' 72000 ppm		0' to 2' HC2101	began 1320 end 1325 drilled 4' recovered 3.8'
4'	0.6' to 1.1' fine sand well sorted 10YR5/4 yellowish brown moist 1.1' to 2.8' Silty fine sand 10YR2/1 black moist grades to 10YR3/2 very dark grayish sand	head space 2' to 4' 78 ppm		2' to 4' HC2102	
8'	2.8' to 3.8' med. sand well sorted 2.5Y6/3 light yellowish brown moist	WT = 4.5			began 1335 end 1340 drilled 4' recovered 4' Note: Soil characteristics not taken due to high water level
	WT QBR 4-9-98				Push to 9.5 TD water sample taken at 5.5 to 9.5

PROJECT

HOLE NO

C2

Lab Sample ID AB41130

Client Site #

Project # 8102

Client Sample # 8102-B8629-TK104

Project Name HUNTER ARMY AIRFIELD

Sampling Date/Time 10/31/96 15:15

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEMI (GC/MS) SOIL				Prep Date 11/13/96		Batch 1114960001			
8270B	PHENOL	\$06013	Below MDL	600	ug/Kg	1.5	108-95-2	GC	11/13/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06013	Below MDL	600	ug/Kg	1.5	111-44-4	GC	11/13/96
8270B	2-CHLOROPHENOL	\$06013	Below MDL	600	ug/Kg	1.5	85-57-8	GC	11/13/96
8270B	1,3-DICHLOROBENZENE	\$06013	Below MDL	600	ug/Kg	1.5	541-73-1	GC	11/13/96
8270B	1,4-DICHLOROBENZENE	\$06013	Below MDL	600	ug/Kg	1.5	106-46-7	GC	11/13/96
8270B	1,2-DICHLOROBENZENE	\$06013	Below MDL	600	ug/Kg	1.5	95-50-1	GC	11/13/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06013	Below MDL	600	ug/Kg	1.5	108-80-1	GC	11/13/96
8270B	2-METHYLPHENOL	\$06013	Below MDL	600	ug/Kg	1.5	95-48-7	GC	11/13/96
8270B	4-METHYLPHENOL	\$06013	Below MDL	600	ug/Kg	1.5	106-44-6	GC	11/13/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06013	Below MDL	600	ug/Kg	1.5	821-84-7	GC	11/13/96
8270B	HEXACHLOROETHANE	\$06013	Below MDL	600	ug/Kg	1.5	67-72-1	GC	11/13/96
8270B	NITROBENZENE	\$06013	Below MDL	600	ug/Kg	1.5	98-95-3	GC	11/13/96
8270B	ISOPHORONE	\$06013	Below MDL	600	ug/Kg	1.5	78-59-1	GC	11/13/96
8270B	2-NITROPHENOL	\$06013	Below MDL	1200	ug/Kg	1.5	88-75-5	GC	11/13/96
8270B	2,4-DIMETHYLPHENOL	\$06013	Below MDL	600	ug/Kg	1.5	105-67-9	GC	11/13/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06013	Below MDL	600	ug/Kg	1.5	111-91-1	GC	11/13/96
8270B	2,4-DICHLOROPHENOL	\$06013	Below MDL	600	ug/Kg	1.5	120-83-2	GC	11/13/96
8270B	1,2,4-TRICHLOROBENZENE	\$06013	Below MDL	600	ug/Kg	1.5	120-82-1	GC	11/13/96
8270B	NAPHTHALENE	\$06013	Below MDL	600	ug/Kg	1.5	91-20-3	GC	11/13/96
8270B	4-CHLOROANILINE	\$06013	Below MDL	600	ug/Kg	1.5	108-47-8	GC	11/13/96
8270B	HEXACHLOROBUTADIENE	\$06013	Below MDL	600	ug/Kg	1.5	87-68-3	GC	11/13/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06013	Below MDL	1200	ug/Kg	1.5	59-50-7	GC	11/13/96
8270B	2-METHYLNAPHTHALENE	\$06013	Below MDL	600	ug/Kg	1.5	91-57-6	GC	11/13/96
8270B	HEXACHLOROCYCLOPENTADIENE	\$06013	Below MDL	600	ug/Kg	1.5	77-47-4	GC	11/13/96
8270B	2,4,6-TRICHLOROPHENOL	\$06013	Below MDL	600	ug/Kg	1.5	88-08-2	GC	11/13/96
8270B	2,4,5-TRICHLOROPHENOL	\$06013	Below MDL	600	ug/Kg	1.5	95-95-4	GC	11/13/96
8270B	2-CHLORONAPHTHALENE	\$06013	Below MDL	600	ug/Kg	1.5	91-58-7	GC	11/13/96
8270B	2-NITROANILINE	\$06013	Below MDL	600	ug/Kg	1.5	88-74-4	GC	11/13/96
8270B	DIMETHYL PHTHALATE	\$06013	Below MDL	600	ug/Kg	1.5	131-11-3	GC	11/13/96
8270B	ACENAPHTHYLENE	\$06013	Below MDL	600	ug/Kg	1.5	208-96-8	GC	11/13/96
8270B	2,6-DINITROTOLUENE	\$06013	Below MDL	600	ug/Kg	1.5	606-20-2	GC	11/13/96
8270B	3-NITROANILINE	\$06013	Below MDL	600	ug/Kg	1.5	99-08-2	GC	11/13/96
8270B	ACENAPHTHENE	\$06013	Below MDL	600	ug/Kg	1.5	83-32-9	GC	11/13/96
8270B	2,4-DINITROPHENOL	\$06013	Below MDL	3000	ug/Kg	1.5	51-28-5	GC	11/13/96
8270B	4-NITROPHENOL	\$06013	Below MDL	3000	ug/Kg	1.5	100-02-7	GC	11/13/96
8270B	DIBENZOFURAN	\$06013	Below MDL	600	ug/Kg	1.5	132-64-9	GC	11/13/96
8270B	2,4-DINITROTOLUENE	\$06013	Below MDL	600	ug/Kg	1.5	121-14-2	GC	11/13/96
8270B	DIETHYL PHTHALATE	\$06013	Below MDL	600	ug/Kg	1.5	84-66-2	GC	11/13/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06013	Below MDL	600	ug/Kg	1.5	7005-72-3	GC	11/13/96
8270B	FLUORENE	\$06013	Below MDL	600	ug/Kg	1.5	88-73-7	GC	11/13/96
8270B	4-NITROANILINE	\$06013	Below MDL	600	ug/Kg	1.5	100-01-6	GC	11/13/96
8270B	2-METHYL-4,6-DINITROPHENOL	\$06013	Below MDL	2889	ug/Kg	1.5	534-52-1	GC	11/13/96
8270B	N-NITROSODIPHENYLAMINE	\$06013	Below MDL	600	ug/Kg	1.5	88-30-6	GC	11/13/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$06013	Below MDL	600	ug/Kg	1.5	101-55-3	GC	11/13/96
8270B	HEXACHLOROBENZENE	\$06013	Below MDL	600	ug/Kg	1.5	118-74-1	GC	11/13/96

Lab Sample ID AB41130
 Project # 8102
 Project Name HUNTER ARMY AIRFIELD
 Sampling Date/Time 10/31/96 15:15

Client Site #
 Client Sample # 8102-B8629-TK104

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEMI (GC/MS) SOIL				Prep Date 11/13/96		Batch 1114960001			
8270B	PENTACHLOROPHENOL	\$06013	Below MDL	3000	ug/Kg	1.5	87-86-5	GC	11/13/96
8270B	PHENANTHRENE	\$06013	Below MDL	800	ug/Kg	1.5	85-01-8	GC	11/13/96
8270B	ANTHRACENE	\$06013	Below MDL	600	ug/Kg	1.5	120-12-7	GC	11/13/96
8270B	DI-N-BUTYL PHTHALATE	\$08013	Below MDL	600	ug/Kg	1.5	84-74-2	GC	11/13/96
8270B	FLUORANTHENE	\$08013	Below MDL	600	ug/Kg	1.5	208-44-0	GC	11/13/96
8270B	PYRENE	\$08013	Below MDL	600	ug/Kg	1.5	129-00-0	GC	11/13/96
8270B	BUTYL BENZYL PHTHALATE	\$08013	Below MDL	600	ug/Kg	1.5	85-88-7	GC	11/13/96
8270B	3,3'-DICHLOROBENZIDINE	\$08013	Below MDL	1200	ug/Kg	1.5	91-84-1	GC	11/13/96
8270B	BENZO(A)ANTHRACENE	\$06013	Below MDL	800	ug/Kg	1.5	56-55-3	GC	11/13/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06013	Below MDL	800	ug/Kg	1.5	117-81-7	GC	11/13/96
8270B	CHRYSENE	\$06013	Below MDL	600	ug/Kg	1.5	218-01-9	GC	11/13/96
8270B	DI-N-OCTYL PHTHALATE	\$06013	Below MDL	600	ug/Kg	1.5	117-84-0	GC	11/13/96
8270B	BENZO(B)FLUORANTHENE	\$06013	Below MDL	600	ug/Kg	1.5	205-99-2	GC	11/13/96
8270B	BENZO(K)FLUORANTHENE	\$06013	Below MDL	600	ug/Kg	1.5	207-08-9	GC	11/13/96
8270B	BENZO(A)PYRENE	\$06013	Below MDL	600	ug/Kg	1.5	50-32-8	GC	11/13/96
8270B	INDENO(1,2,3-CD)PYRENE	\$06013	Below MDL	600	ug/Kg	1.5	193-39-5	GC	11/13/96
8270B	DIBENZO(A,H)ANTHRACENE	\$06013	Below MDL	800	ug/Kg	1.5	53-70-3	GC	11/13/96
8270B	BENZO(G,H,I)PERYLENE	\$06013	Below MDL	800	ug/Kg	1.5	191-24-2	GC	11/13/96
8270B	CARBAZOLE	\$06013	Below MDL	600	ug/Kg	1.5	86-74-8	GC	11/13/96
AROMATIC VOC (GC) SOIL				Prep Date 11/14/96		Batch 1115960009			
8020A	BENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	71-43-2	ML	11/14/96
8020A	TOLUENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-88-3	ML	11/14/96
8020A	ETHYLBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	100-41-4	ML	11/14/96
8020A	XYLENES (TOTAL)	\$08006	Below MDL	1.2	ug/Kg	1.0	1330-20-7	ML	11/14/96
8020A	CHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-90-7	ML	11/14/96
8020A	1,2-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	95-50-1	ML	11/14/96
8020A	1,3-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	541-73-1	ML	11/14/96
8020A	1,4-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	106-46-7	ML	11/14/96
8020A	TERT-METHYLBUTYL ETHER	\$08006	Below MDL	1.2	ug/Kg	1.0	1634-04-4	ML	11/14/96
TPH DRO (FID) SOIL				Prep Date 11/06/96		Batch 1106980006			
8015A	DIESEL RANGE ORGANICS (DRO)	\$08009	648.6	18.1	mg/Kg	1.5		ML	11/28/96
				Prep Date 11/07/96		Batch 1107980004			
160.3	% TOTAL SOLIDS SOIL (N/C)	09099	82.8	0.1	%	1.0		CW	11/07/96

Lab Sample ID AB41131 Client Site #
 Project # 8102 Client Sample # TRIP BLANK
 Project Name HUNTER ARMY AIRFIELD
 Sampling Date/Time / / :

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
AROMATIC VOC (GC) WATER				Prep Date 11/11/96		Batch 1113860008			
8020A	BENZENE	\$08106	Below MDL	1.0	ug/L	1.0	71-43-2	DTA	11/11/96
8020A	TOLUENE	\$08106	Below MDL	1.0	ug/L	1.0	108-88-8	DTA	11/11/96
8020A	ETHYLBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	100-41-4	DTA	11/11/96
8020A	XYLENES (TOTAL)	\$08106	Below MDL	1.0	ug/L	1.0	1330-20-7	DTA	11/11/96
8020A	CHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	108-90-7	DTA	11/11/96
8020A	1,2-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	95-50-1	DTA	11/11/96
8020A	1,3-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	541-73-1	DTA	11/11/96
8020A	1,4-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	106-46-7	DTA	11/11/96
8020A	TERT-METHYLBUTYL ETHER	\$08106	Below MDL	1.0	ug/L	1.0	1634-04-4	DTA	11/11/96
TPH DRO (FID) WATER				Prep Date 11/11/96		Batch 1118960116			
8015A	DIESEL RANGE ORGANICS (DRO)	\$08109	Below MDL	1.0	mg/L	1.0		ML	11/11/96

Lab Sample ID AB41132 Client Site #
 Project # 8102 Client Sample # TEMP VIAL
 Project Name HUNTER ARMY AIRFIELD
 Sampling Date/Time / / :

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
Temperature at receiving time:				TEMP	4	oC	1.0	QN	11/04/96

Lab Sample ID AB41251 Client Site #
 Project # Client Sample #
 Project Name
 Sampling Date/Time / / :

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BLANK - TPH DRO (FID) SOIL				Prep Date 11/06/96		Batch 1106960006			
8015A	DIESEL RANGE ORGANICS (DRO)	\$B8015D	Below MDL	10	mg/Kg	1.0		ML	11/26/96

Lab Sample ID AB41502

Client Site #

Project #

Client Sample #

Project Name

Sampling Date/Time / /

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BLANK - AROMATIC VOC (GC) WATER				Prep Date 11/11/96		Batch 1113960008			
8020A	BENZENE	\$B8020W	Below MDL	1.0	ug/L	1.0	71-43-2	DTA	11/11/96
8020A	TOLUENE	\$B8020W	Below MDL	1.0	ug/L	1.0	108-88-3	DTA	11/11/96
8020A	ETHYLBENZENE	\$B8020W	Below MDL	1.0	ug/L	1.0	100-41-4	DTA	11/11/96
8020A	XYLENES (TOTAL)	\$B8020W	Below MDL	1.0	ug/L	1.0	1330-20-7	DTA	11/11/96
8020A	CHLOROBENZENE	\$B8020W	Below MDL	1.0	ug/L	1.0	108-90-7	DTA	11/11/96
8020A	1,2-DICHLOROBENZENE	\$B8020W	Below MDL	1.0	ug/L	1.0	95-50-1	DTA	11/11/96
8020A	1,3-DICHLOROBENZENE	\$B8020W	Below MDL	1.0	ug/L	1.0	641-73-1	DTA	11/11/96
8020A	1,4-DICHLOROBENZENE	\$B8020W	Below MDL	1.0	ug/L	1.0	106-46-7	DTA	11/11/96
8020A	TERT-METHYLBUTYL ETHER	\$B8020W	Below MDL	1.0	ug/L	1.0	1634-04-4	DTA	11/11/96

Lab Sample ID AB41517

Client Site #

Project #

Client Sample #

Project Name

Sampling Date/Time / /

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BLANK - SEMI (GC/MS) SOIL				Prep Date 11/13/96		Batch 1114960001			
8270B	PHENOL	\$B8270S	Below MDL	330	ug/Kg	1.0	108-95-2	GC	11/13/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$B8270S	Below MDL	330	ug/Kg	1.0	111-44-4	GC	11/13/96
8270B	2-CHLOROPHENOL	\$B8270S	Below MDL	330	ug/Kg	1.0	95-57-8	GC	11/13/96
8270B	1,3-DICHLOROBENZENE	\$B8270S	Below MDL	330	ug/Kg	1.0	641-73-1	GC	11/13/96
8270B	1,4-DICHLOROBENZENE	\$B8270S	Below MDL	330	ug/Kg	1.0	108-46-7	GC	11/13/96
8270B	1,2-DICHLOROBENZENE	\$B8270S	Below MDL	330	ug/Kg	1.0	95-50-1	GC	11/13/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$B8270S	Below MDL	330	ug/Kg	1.0	108-60-1	GC	11/13/96
8270B	2-METHYLPHENOL	\$B8270S	Below MDL	330	ug/Kg	1.0	95-48-7	GC	11/13/96
8270B	4-METHYLPHENOL	\$B8270S	Below MDL	330	ug/Kg	1.0	108-44-5	GC	11/13/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$B8270S	Below MDL	330	ug/Kg	1.0	621-84-7	GC	11/13/96
8270B	HEXACHLOROETHANE	\$B8270S	Below MDL	330	ug/Kg	1.0	67-72-1	GC	11/13/96
8270B	NITROBENZENE	\$B8270S	Below MDL	330	ug/Kg	1.0	98-95-3	GC	11/13/96
8270B	ISOPHORONE	\$B8270S	Below MDL	330	ug/Kg	1.0	78-59-1	GC	11/13/96
8270B	2-NITROPHENOL	\$B8270S	Below MDL	660	ug/Kg	1.0	88-75-5	GC	11/13/96
8270B	2,4-DIMETHYLPHENOL	\$B8270S	Below MDL	330	ug/Kg	1.0	105-87-9	GC	11/13/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$B8270S	Below MDL	330	ug/Kg	1.0	111-91-1	GC	11/13/96
8270B	2,4-DICHLOROPHENOL	\$B8270S	Below MDL	330	ug/Kg	1.0	120-83-2	GC	11/13/96
8270B	1,2,4-TRICHLOROBENZENE	\$B8270S	Below MDL	330	ug/Kg	1.0	120-82-1	GC	11/13/96
8270B	NAPHTHALENE	\$B8270S	Below MDL	330	ug/Kg	1.0	91-20-3	GC	11/13/96
8270B	4-CHLOROANILINE	\$B8270S	Below MDL	330	ug/Kg	1.0	106-47-8	GC	11/13/96
8270B	HEXACHLOROBUTADIENE	\$B8270S	Below MDL	330	ug/Kg	1.0	87-68-3	GC	11/13/96
8270B	4-CHLORO-3-METHYLPHENOL	\$B8270S	Below MDL	660	ug/Kg	1.0	59-50-7	GC	11/13/96
8270B	2-METHYLNAPHTHALENE	\$B8270S	Below MDL	330	ug/Kg	1.0	91-57-6	GC	11/13/96
8270B	HEXACHLOROCYCLOPENTADIENE	\$B8270S	Below MDL	330	ug/Kg	1.0	77-47-4	GC	11/13/96
8270B	2,4,6-TRICHLOROPHENOL	\$B8270S	Below MDL	330	ug/Kg	1.0	88-08-2	GC	11/13/96
8270B	2,4,6-TRICHLOROPHENOL	\$B8270S	Below MDL	330	ug/Kg	1.0	95-95-4	GC	11/13/96

Lab Sample ID AB41517

Client Site #

Project #

Client Sample #

Project Name

Sampling Date/Time / /

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BLANK - SEMI (GC/MS) SOIL				Prep Date 11/13/96		Batch 1114960001			
8270B	2-CHLORONAPHTHALENE	\$B8270S	Below MDL	330	ug/Kg	1.0	91-58-7	GC	11/13/96
8270B	2-NITROANILINE	\$B8270S	Below MDL	330	ug/Kg	1.0	88-74-4	GC	11/13/96
8270B	DIMETHYL PHTHALATE	\$B8270S	Below MDL	330	ug/Kg	1.0	131-11-3	GC	11/13/96
8270B	ACENAPHTHYLENE	\$B8270S	Below MDL	330	ug/Kg	1.0	208-98-8	GC	11/13/96
8270B	2,6-DINITROTOLUENE	\$B8270S	Below MDL	330	ug/Kg	1.0	606-20-2	GC	11/13/96
8270B	3-NITROANILINE	\$B8270S	Below MDL	330	ug/Kg	1.0	99-09-2	GC	11/13/96
8270B	ACENAPHTHENE	\$B8270S	Below MDL	330	ug/Kg	1.0	83-32-9	GC	11/13/96
8270B	2,4-DINITROPHENOL	\$B8270S	Below MDL	1650	ug/Kg	1.0	51-28-5	GC	11/13/96
8270B	4-NITROPHENOL	\$B8270S	Below MDL	1650	ug/Kg	1.0	100-02-7	GC	11/13/96
8270B	DIBENZOFURAN	\$B8270S	Below MDL	330	ug/Kg	1.0	132-84-8	GC	11/13/96
8270B	2,4-DINITROTOLUENE	\$B8270S	Below MDL	330	ug/Kg	1.0	121-14-2	GC	11/13/96
8270B	DIETHYL PHTHALATE	\$B8270S	Below MDL	330	ug/Kg	1.0	84-69-2	GC	11/13/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$B8270S	Below MDL	330	ug/Kg	1.0	7005-72-3	GC	11/13/96
8270B	FLUORENE	\$B8270S	Below MDL	330	ug/Kg	1.0	86-73-7	GC	11/13/96
8270B	4-NITROANILINE	\$B8270S	Below MDL	330	ug/Kg	1.0	100-01-6	GC	11/13/96
8270B	2-METHYL-4,6-DINITROPHENOL	\$B8270S	Below MDL	1650	ug/Kg	1.0	534-52-1	GC	11/13/96
8270B	N-NITROSODIPHENYLAMINE	\$B8270S	Below MDL	330	ug/Kg	1.0	86-30-6	GC	11/13/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$B8270S	Below MDL	330	ug/Kg	1.0	101-55-3	GC	11/13/96
8270B	HEXACHLOROBENZENE	\$B8270S	Below MDL	330	ug/Kg	1.0	118-74-1	GC	11/13/96
8270B	PENTACHLOROPHENOL	\$B8270S	Below MDL	1650	ug/Kg	1.0	87-88-5	GC	11/13/96
8270B	PHENANTHRENE	\$B8270S	Below MDL	330	ug/Kg	1.0	85-01-8	GC	11/13/96
8270B	ANTHRACENE	\$B8270S	Below MDL	330	ug/Kg	1.0	120-12-7	GC	11/13/96
8270B	DI-N-BUTYL PHTHALATE	\$B8270S	Below MDL	330	ug/Kg	1.0	84-74-2	GC	11/13/96
8270B	FLUORANTHENE	\$B8270S	Below MDL	330	ug/Kg	1.0	206-44-0	GC	11/13/96
8270B	PYRENE	\$B8270S	Below MDL	330	ug/Kg	1.0	129-00-0	GC	11/13/96
8270B	BUTYL BENZYL PHTHALATE	\$B8270S	Below MDL	330	ug/Kg	1.0	85-88-7	GC	11/13/96
8270B	3,3'-DICHLOROBENZIDINE	\$B8270S	Below MDL	660	ug/Kg	1.0	91-94-1	GC	11/13/96
8270B	BENZO(A)ANTHRACENE	\$B8270S	Below MDL	330	ug/Kg	1.0	56-55-3	GC	11/13/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$B8270S	Below MDL	330	ug/Kg	1.0	117-81-7	GC	11/13/96
8270B	CHRYSENE	\$B8270S	Below MDL	330	ug/Kg	1.0	218-01-9	GC	11/13/96
8270B	DI-N-OCTYL PHTHALATE	\$B8270S	Below MDL	330	ug/Kg	1.0	117-84-0	GC	11/13/96
8270B	BENZO(B)FLUORANTHENE	\$B8270S	Below MDL	330	ug/Kg	1.0	205-99-2	GC	11/13/96
8270B	BENZO(K)FLUORANTHENE	\$B8270S	Below MDL	330	ug/Kg	1.0	207-08-8	GC	11/13/96
8270B	BENZO(A)PYRENE	\$B8270S	Below MDL	330	ug/Kg	1.0	50-32-8	GC	11/13/96
8270B	INDENO(1,2,3-CD)PYRENE	\$B8270S	Below MDL	330	ug/Kg	1.0	193-39-5	GC	11/13/96
8270B	DIBENZO(A,H)ANTHRACENE	\$B8270S	Below MDL	330	ug/Kg	1.0	53-70-3	GC	11/13/96
8270B	BENZO(G,H,I)PERYLENE	\$B8270S	Below MDL	330	ug/Kg	1.0	191-24-2	GC	11/13/96
8270B	CARBAZOLE	\$B8270S	Below MDL	330	ug/Kg	1.0	88-74-8	GC	11/13/96

Lab Sample ID AB41626

Client Site #

Project #

Client Sample #

Project Name

Sampling Date/Time / /

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BLANK - AROMATIC VOC (GC) SOIL				Prep Date 11/14/96		Batch 1115960009			
8020A	BENZENE	\$B8020S	Below MDL	1.0	ug/Kg	1.0	71-43-2	ML	11/14/96
8020A	TOLUENE	\$B8020S	Below MDL	1.0	ug/Kg	1.0	108-88-3	ML	11/14/96
8020A	ETHYLBENZENE	\$B8020S	Below MDL	1.0	ug/Kg	1.0	100-41-4	ML	11/14/96
8020A	XYLENES (TOTAL)	\$B8020S	Below MDL	1.0	ug/Kg	1.0	133-20-7	ML	11/14/96
8020A	CHLOROBENZENE	\$B8020S	Below MDL	1.0	ug/Kg	1.0	108-90-7	ML	11/14/96
8020A	1,2-DICHLOROBENZENE	\$B8020S	Below MDL	1.0	ug/Kg	1.0	95-50-1	ML	11/14/96
8020A	1,3-DICHLOROBENZENE	\$B8020S	Below MDL	1.0	ug/Kg	1.0	541-73-1	ML	11/14/96
8020A	1,4-DICHLOROBENZENE	\$B8020S	Below MDL	1.0	ug/Kg	1.0	106-46-7	ML	11/14/96
8020A	TERT-METHYLBUTYL ETHER	\$B8020S	Below MDL	1.0	ug/Kg	1.0	1634-04-4	ML	11/14/96

Lab Sample ID AB42834

Client Site #

Project # 8102

Client Sample # 8102-B850-TKA-C

Project Name HUNTER ARMY AIRFIELD

Sampling Date/Time 10/31/96 17:35

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BLANK - TPH DRO (FID) WATER				Prep Date 11/11/96		Batch 1118960116			
8015A	DIESEL RANGE ORGANICS (DRO)	\$B8015D	Below MDL	1.0	mg/L	1.0		ML	11/11/96

Robert L. L...

Certifying Scientist

Organics and Inorganics in Wastewater, Solids, and Wastes

NC-DEHNR 441, SC-DEHNR 98013, GA-TN-DON 02928, UT-DON E-228, FL-DEP 940134 HRS E87511 (Water) HRS 87485 (Drinking Water), NY-DEH ELAP 11551, WI-DNR 898014380

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

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ECOSYS

LABORATORY SERVICES

ANALYTICAL REPORT

1412 Oakbrook Drive
Suite 105
Norcross, Georgia 30093
Phone (770) 368-0836
Fax (770) 368-0806

PRELIMINARY REPORT

USACE-SAVANNAH DISTRICT
Brent Rose
EN-GG/Mark Harvison, 100 West Oglethorpe Ave
Savannah, GA 31401-3640
P: 912-652-5622 F: 912-652-5311

Client Code 2911223
Ledger Number 108508
P.O. Number
Date Received 11/04/96
Time Received 09:30
Reporting Date 12/18/96

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

Lab Sample ID AB41125 Client Site #
Project # 8102 Client Sample # 8102-B850-TKA-N
Project Name HUNTER ARMY AIRFIELD
Sampling Date/Time 10/31/96 17:30

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEMI (GC/MS) SOIL				Prep Date 11/13/96		Batch 1114960001			
8270B	PHENOL	\$06013	Below MDL	600	ug/Kg	1.5	108-95-2	GC	11/13/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06013	Below MDL	600	ug/Kg	1.5	111-44-4	GC	11/13/96
8270B	2-CHLOROPHENOL	\$06013	Below MDL	600	ug/Kg	1.5	95-57-8	GC	11/13/96
8270B	1,3-DICHLOROBENZENE	\$06013	Below MDL	600	ug/Kg	1.5	541-73-1	GC	11/13/96
8270B	1,4-DICHLOROBENZENE	\$06013	Below MDL	600	ug/Kg	1.5	106-46-7	GC	11/13/96
8270B	1,2-DICHLOROBENZENE	\$06013	Below MDL	600	ug/Kg	1.5	95-50-1	GC	11/13/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06013	Below MDL	600	ug/Kg	1.5	108-80-1	GC	11/13/96
8270B	2-METHYLPHENOL	\$06013	Below MDL	600	ug/Kg	1.5	95-48-7	GC	11/13/96
8270B	4-METHYLPHENOL	\$06013	Below MDL	600	ug/Kg	1.5	106-44-5	GC	11/13/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06013	Below MDL	600	ug/Kg	1.5	621-64-7	GC	11/13/96
8270B	HEXACHLOROETHANE	\$06013	Below MDL	600	ug/Kg	1.5	67-72-1	GC	11/13/96
8270B	NITROBENZENE	\$06013	Below MDL	600	ug/Kg	1.5	98-95-3	GC	11/13/96
8270B	ISOPHORONE	\$06013	Below MDL	600	ug/Kg	1.5	78-59-1	GC	11/13/96
8270B	2-NITROPHENOL	\$06013	Below MDL	1200	ug/Kg	1.5	88-75-5	GC	11/13/96
8270B	2,4-DIMETHYLPHENOL	\$06013	Below MDL	600	ug/Kg	1.5	105-67-9	GC	11/13/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06013	Below MDL	600	ug/Kg	1.5	111-91-1	GC	11/13/96
8270B	2,4-DICHLOROPHENOL	\$06013	Below MDL	600	ug/Kg	1.5	120-83-2	GC	11/13/96
8270B	1,2,4-TRICHLOROBENZENE	\$06013	Below MDL	600	ug/Kg	1.5	120-82-1	GC	11/13/96
8270B	NAPHTHALENE	\$06013	Below MDL	600	ug/Kg	1.5	91-20-3	GC	11/13/96
8270B	4-CHLOROANILINE	\$06013	Below MDL	600	ug/Kg	1.5	106-47-8	GC	11/13/96
8270B	HEXACHLOROBUTADIENE	\$06013	Below MDL	600	ug/Kg	1.5	87-68-3	GC	11/13/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06013	Below MDL	1200	ug/Kg	1.5	59-50-7	GC	11/13/96
8270B	2-METHYLNAPHTHALENE	\$06013	Below MDL	600	ug/Kg	1.5	91-57-6	GC	11/13/96
8270B	HEXACHLOROCYCLOPENTADIENE	\$06013	Below MDL	600	ug/Kg	1.5	77-47-4	GC	11/13/96
8270B	2,4,6-TRICHLOROPHENOL	\$06013	Below MDL	600	ug/Kg	1.5	88-08-2	GC	11/13/96
8270B	2,4,5-TRICHLOROPHENOL	\$06013	Below MDL	600	ug/Kg	1.5	95-95-4	GC	11/13/96
8270B	2-CHLORONAPHTHALENE	\$06013	Below MDL	600	ug/Kg	1.5	91-58-7	GC	11/13/96
8270B	2-NITROANILINE	\$06013	Below MDL	600	ug/Kg	1.5	88-74-4	GC	11/13/96
8270B	DIMETHYL PHTHALATE	\$06013	Below MDL	600	ug/Kg	1.5	131-11-3	GC	11/13/96

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

DO#010

Best Rose - 30/1/223

CHAIN OF CUSTODY

Client Name and Address: USACE-SAVANNAH DISTRICT EN-GG/Mark Harvison Savannah, GA 31401-3640 Mark Harvison Client ID 29112221				Project Name: Armed Army Airfield				ECOSys Test Code/Name: B020				Copy To:			
Sampler: Andrew Romero Name - Please Print or Type				Project #: 8102				Bid #:				Replacement Sampling Materials?			
Due Date: 10/14				Rush Date: 10/14				Rush Note: Rush Charges May Apply				Fax Report? DAVID Black			
Signature: Andrew Romero				Signature: DAVID Black				Fax # 904750956				Remarks:			
Lab Code - For Lab use only	Date Sampled	Time Sampled	Comp	Sample Number	Site Code	Containers	Date/Time Received	HELD:	QC LEVEL	1	2	3	4	RELEASED:	
Sample 1 1041125	31oct96	1730	X	Sample Number 8102-B850-	Site Code TKA-N	2	10/14/96		☒ DRINKING WATER					HCL Preserved	
Sample 2 1041126	31oct96	1750	X	Sample Number 8102-B850-	Site Code TKA-S	2	10/14/96		☒ WASTE WATER					HCL Preserved	
Sample 3 1041127	31oct96	1735	X	Sample Number 8102-B850-	Site Code TKA-C	2	10/14/96		☐ ICE	☒ Y	☒ N			HCL Preserved	
Sample 4 1041128	31oct96	1715	X	Sample Number 8102-B850-	Site Code TKB-N	2	10/14/96		☐ CUSTOMER SEAL	☒ Y	☒ N			HCL Preserved	
Sample 5 1041129	31oct96	1800	X	Sample Number 8102-B850-	Site Code TKB-S	2	10/14/96		☐ PH	☒ Y	☒ N			HCL Preserved	
Sample 6 1041130	31oct96	1810	X	Sample Number 8102-B850-	Site Code TKB-S	2	10/14/96		☐ TEMP	☒ Y	☒ N			HCL Preserved	
Sample 7 1041131	31oct96	1515	X	Sample Number 8102-B850-	Site Code TKB-S	2	10/14/96		☐ PH	☒ Y	☒ N			HCL Preserved	
Sample 8 1041132	31oct96	1515	X	Sample Number 8102-B850-	Site Code TKB-S	2	10/14/96		☐ PH	☒ Y	☒ N			HCL Preserved	
Samples Relinquished by: Andrew Romero	Date/Time Relinquished: 10/14/96	Samples Relinquished by: R. Jones	Date/Time Relinquished: 10/14/96	Remarks at Time of Receipt:											
Relinquished by: Andrew Romero	Date/Time Relinquished: 10/14/96	Relinquished by: R. Jones	Date/Time Relinquished: 10/14/96	Remarks at Time of Receipt:											
Relinquished by: Andrew Romero	Date/Time Relinquished: 10/14/96	Relinquished by: R. Jones	Date/Time Relinquished: 10/14/96	Remarks at Time of Receipt:											
Custody Seal? Y	Entered into LIMS: N	COC Reviewed by: R. Jones	Storage Location: Lab #4	Ledger Number: 108508	Due Date:										

Client Retains Green Copy

TAB 9

MANIFESTS

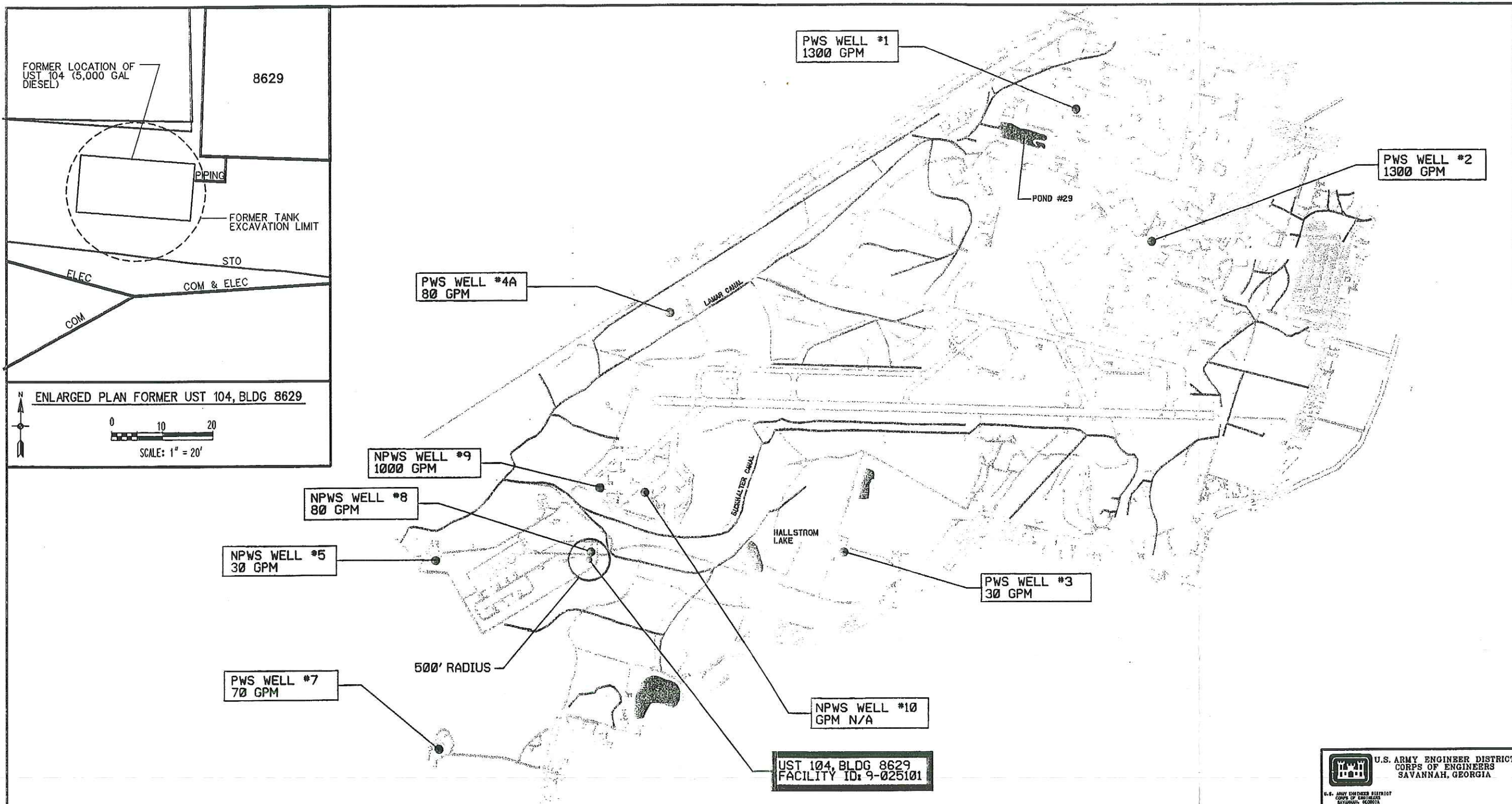
TAB 9
MANIFESTS

All soil excavated during UST removal activities was determined to meet the requirements of GUST-9 for use as backfill and was placed back into the excavation. Clean fill material was used to bring the excavated area back to grade the area was seeded.

Therefore, there are no manifests associated with the removal of UST#104, Facility Identification Number 9-025101.

TAB 10

**HUNTER ARMY AIRFIELD
AREA MAP**

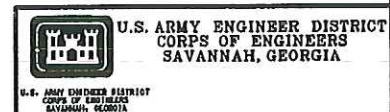
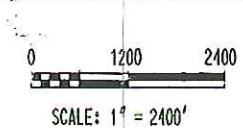


LEGEND

- CREEKS, DITCHES, & CANALS
- POND

SUPPLY WELL ABBREVIATIONS

- PWS = PUBLIC WATER SUPPLY
- NPWS = NON-PUBLIC WATER SUPPLY
- GPM = GALLONS PER MINUTE



UST 104, BLDG 8629
FACILITY ID: 9-025101

DATE: 10/06/07/99
J. LAMB
97028/00NS/B41M010.DGN