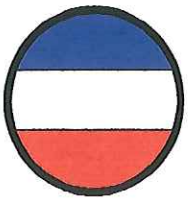


UST #110
CLOSURE REPORT

USED OIL TANK

Building 1333
Hunter Army Airfield, Georgia

FACILITY ID# : 9-025106

Prepared by:

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

DOCUMENT 8

CLOSURE REPORT

Used Oil Underground Storage Tank
Building 1333, UST #110
Facility ID #: 9-025106

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

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 Parkeay, 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;		
Company:	US Army		
Address:	Cdr. 3rd Inf. Div. (Mech.), 1557 Frank Cochran Drive		
	Ft. 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 Army Airfield/FAC 1333		
Street Address:	FAC 1333 / White Or		
	Hunter Army Arfield,	GA	31402-5026
	(city)	(state)	(zip code)
Facility ID#	9-025106		

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: [signature] Date: 1/23/97

4. Site-specific Hydrogeology:

Depth to Groundwater _____ ft. if encountered

[X] 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 thier ID#s, corresponding to the Notification Form 7530-1
- Sample Locations (with sample numbers and depths)
- Scale: 1" = 10'
- North Arrow

6. Tank Removal

- Date of Removal: 17-Sep-96
- Tank Information:

Tank #	Tank Size (gallons)	Tank Contents
110	1000	Used Oil

(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 **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 [X] 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 _____ yd^3

[X] 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

PHOTODOCUMENTATION AND CERTIFICATE OF DESTRUCTION

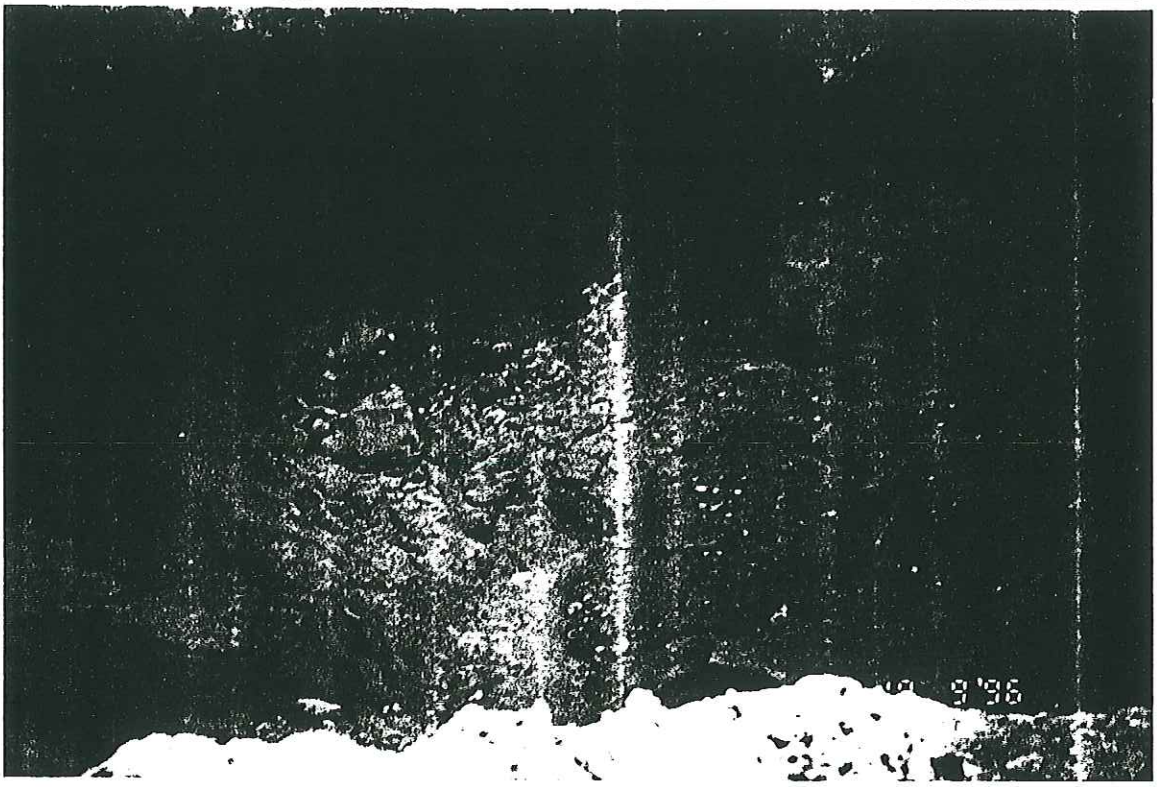


Photo 1. Photograph of the Tank 110 excavation pit after tank removal.

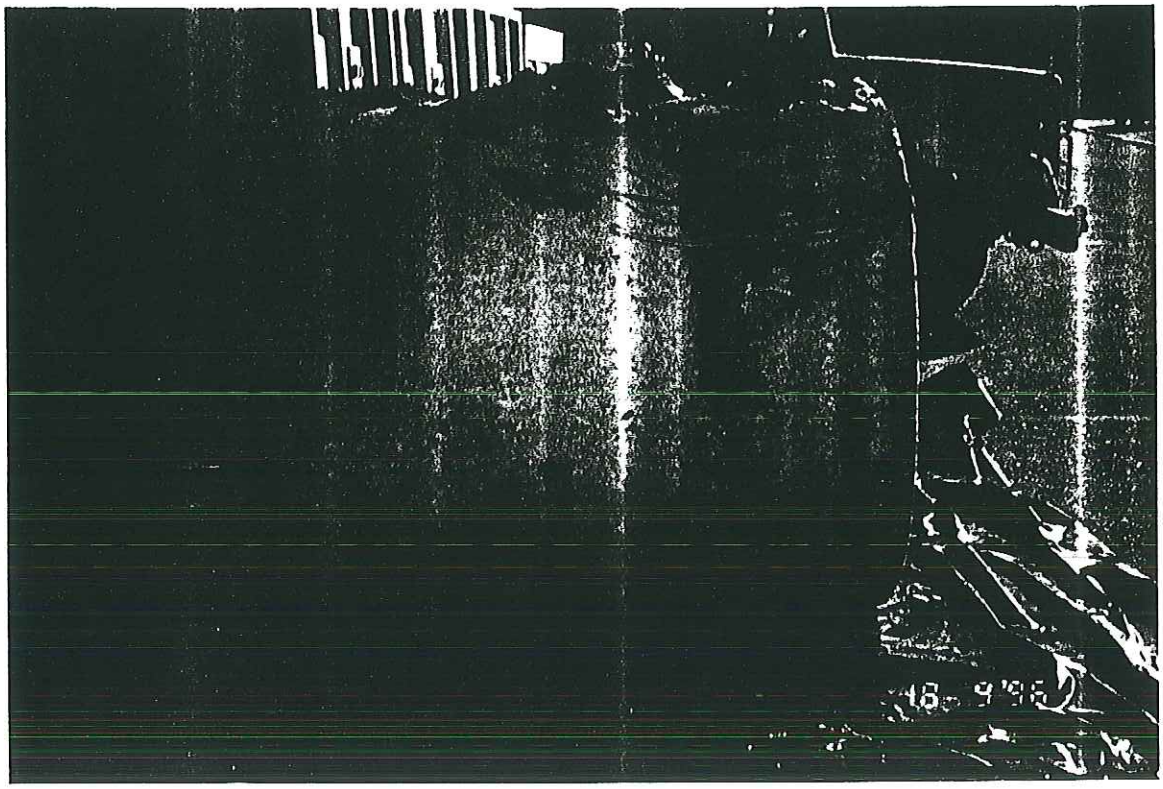


Photo 2. Tank 110 after removal from the excavation pit.

A CERTIFICATE OF DESTRUCTION WAS NOT PROVIDED BY THE INSTALLATION'S CONTRACTOR

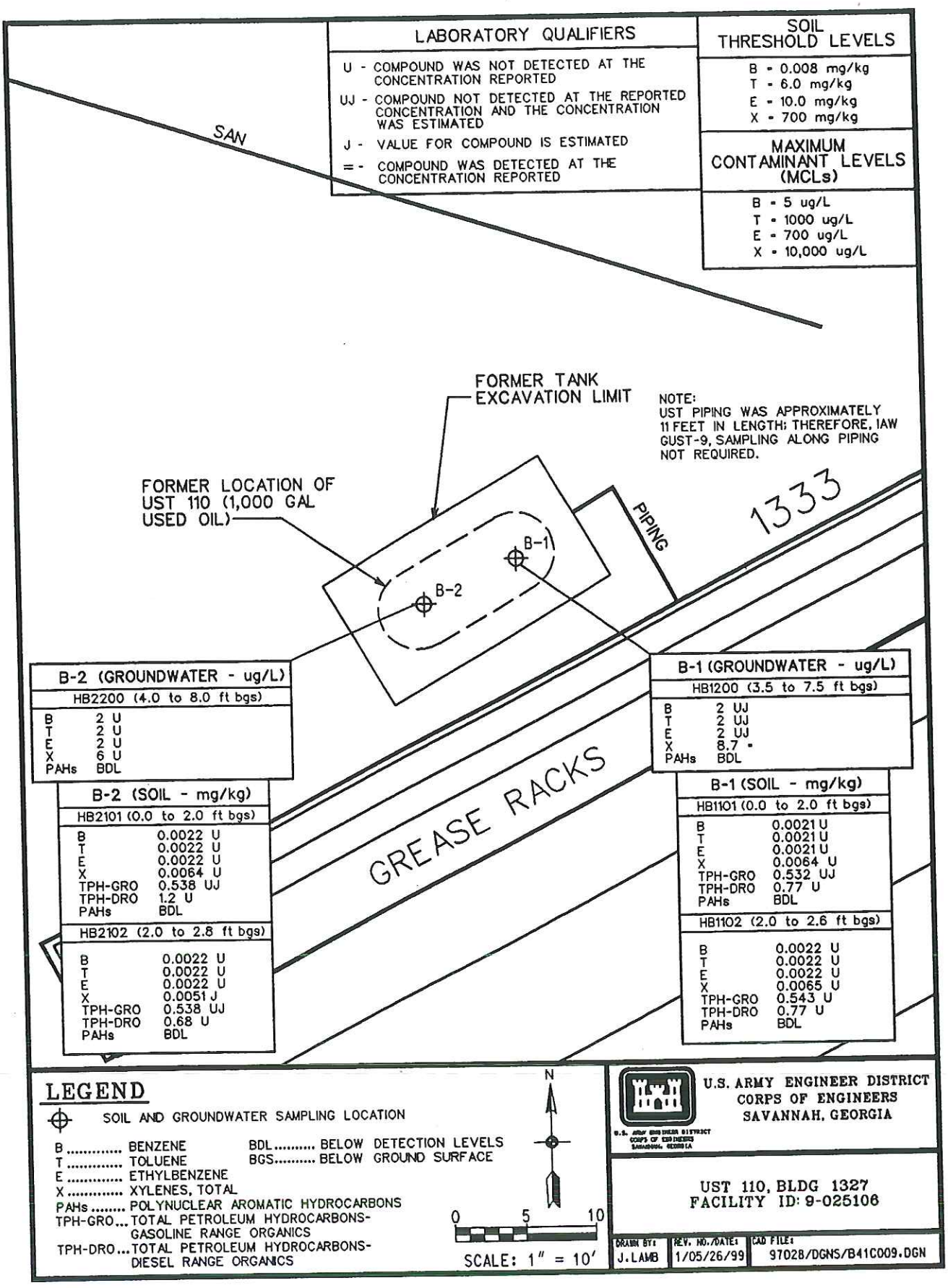
TAB 5

SITE MAPS

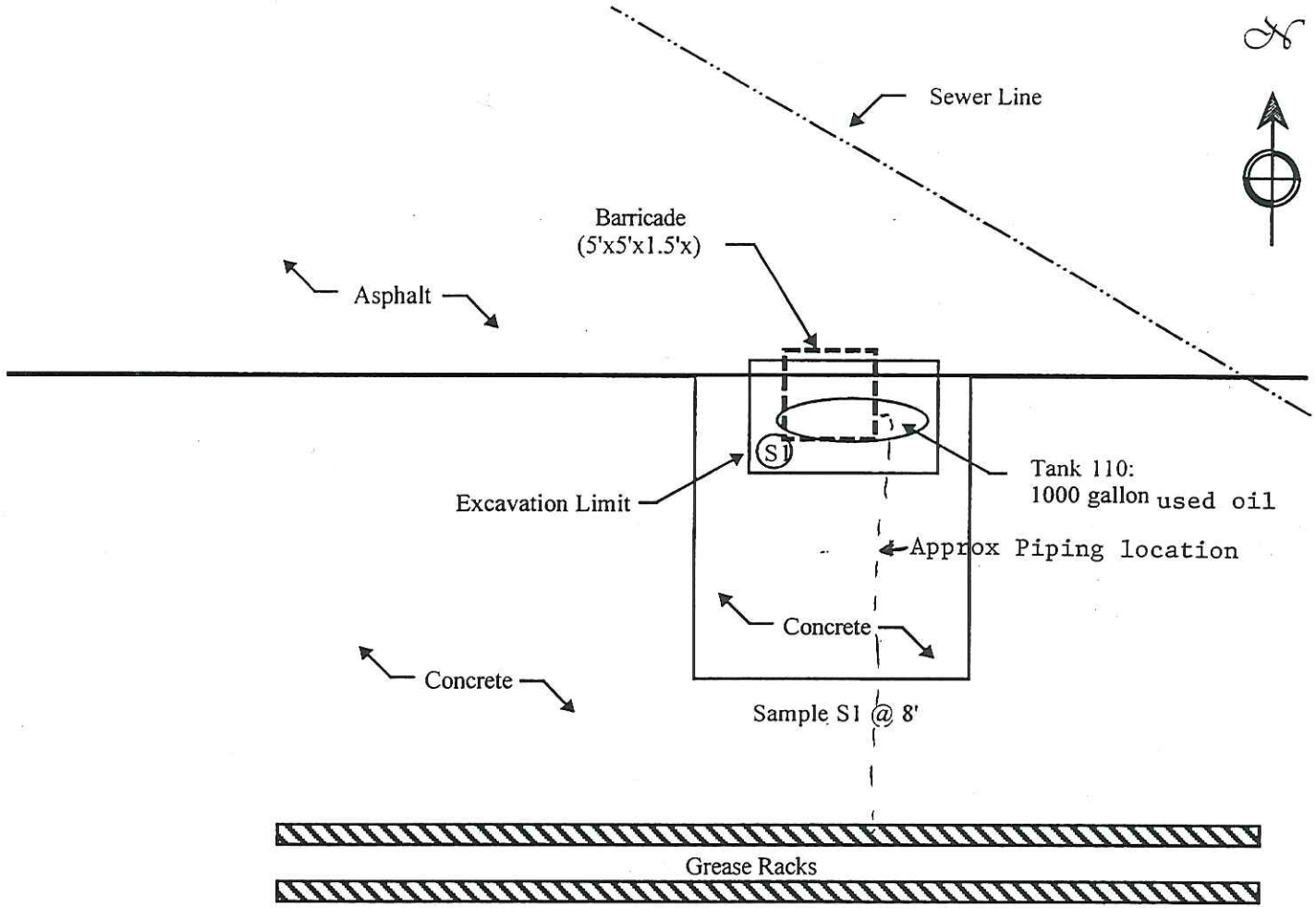
TAB 5
SITE MAPS

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 (B-1 and B-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 (September 1996). The site map depicts the tank pit area, sampling location (S1), approximate location of associated piping, and includes a directional arrow and scale.


LABORATORY QUALIFIERS
U - COMPOUND WAS NOT DETECTED AT THE CONCENTRATION REPORTED
UJ - COMPOUND NOT DETECTED AT THE REPORTED CONCENTRATION AND THE CONCENTRATION WAS ESTIMATED
J - VALUE FOR COMPOUND IS ESTIMATED
= - COMPOUND WAS DETECTED AT THE CONCENTRATION REPORTED
SOIL THRESHOLD LEVELS
B = 0.008 mg/kg
T = 6.0 mg/kg
E = 10.0 mg/kg
X = 700 mg/kg
MAXIMUM CONTAMINANT LEVELS (MCLs)
B = 5 ug/L
T = 1000 ug/L
E = 700 ug/L
X = 10,000 ug/L
SAN
FORMER TANK EXCAVATION LIMIT
NOTE:
UST PIPING WAS APPROXIMATELY 11 FEET IN LENGTH; THEREFORE, IAW GUST-9, SAMPLING ALONG PIPING NOT REQUIRED.
FORMER LOCATION OF UST 110 (1,000 GAL USED OIL)
B-1
B-2
PIPING
1333
GREASE RACKS
B-2 (GROUNDWATER - ug/L)
HB2200 (4.0 to 8.0 ft bgs)
B 2 U
T 2 U
E 2 U
X 6 U
PAHs BDL
B-2 (SOIL - mg/kg)
HB2101 (0.0 to 2.0 ft bgs)
B 0.0022 U
T 0.0022 U
E 0.0022 U
X 0.0064 U
TPH-GRO 0.538 UJ
TPH-DRO 1.2 U
PAHs BDL
HB2102 (2.0 to 2.8 ft bgs)
B 0.0022 U
T 0.0022 U
E 0.0022 U
X 0.0051 J
TPH-GRO 0.538 UJ
TPH-DRO 0.68 U
PAHs BDL
B-1 (GROUNDWATER - ug/L)
HB1200 (3.5 to 7.5 ft bgs)
B 2 UJ
T 2 UJ
E 2 UJ
X 8.7 =
PAHs BDL
B-1 (SOIL - mg/kg)
HB1101 (0.0 to 2.0 ft bgs)
B 0.0021 U
T 0.0021 U
E 0.0021 U
X 0.0064 U
TPH-GRO 0.532 UJ
TPH-DRO 0.77 U
PAHs BDL
HB1102 (2.0 to 2.6 ft bgs)
B 0.0022 U
T 0.0022 U
E 0.0022 U
X 0.0065 U
TPH-GRO 0.543 U
TPH-DRO 0.77 U
PAHs BDL
LEGEND
SOIL AND GROUNDWATER SAMPLING LOCATION
B ..... BENZENE
T ..... TOLUENE
E ..... ETHYLBENZENE
X ..... XYLENES, TOTAL
PAHs ..... POLYNUCLEAR AROMATIC HYDROCARBONS
TPH-GRO... TOTAL PETROLEUM HYDROCARBONS-GASOLINE RANGE ORGANICS
TPH-DRO... TOTAL PETROLEUM HYDROCARBONS-DIESEL RANGE ORGANICS
BDL ..... BELOW DETECTION LEVELS
BGS ..... BELOW GROUND SURFACE
N
0 5 10
SCALE: 1" = 10'
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH, GEORGIA
UST 110, BLDG 1327
FACILITY ID: 9-025106
DRAWN BY: J. LAMB
REV. NO./DATE: 1/05/26/99
CAD FILE: 97028/DGNS/B41C009.DGN

MAP #1



LEGEND

(S1) Location of Closure Sample

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

DR. AJR DR. APP.

DATE: 23 December 96 SCALE: 1" = 5'

Sampling Map /Facility Id # 9-0-25106
Building 1327/33, Tank 110
Hunter AAF, Savannah, Georgia
Delivery Order 102
FIGURE NO.: 1

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: 9-025106

OWNER'S ID: 197

INITIAL DATE RECEIVED: 12-28-1992

DATE AMENDED LAST: 11-13-1996

NOTIFICATION TYPE: [ ] New [X] Amended [X] 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

ATION OF TANK(S):

Name : HUNTER AAF/FAC 1333 - White Drive
Street Address: FAC 1333
City : SAVANNAH State : GA Zip Code : 31402-5026
County: CHATHAM Latitude: : Longitude: : :
Phone : ( ) -

OWNER TYPE: [X] 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	[X] Fed Military	[ ] Farm
[ ] Auto Dealership	[ ] Commercial	[ ] Residential
[ ] Railroad	[ ] Industrial	[ ] Other
[ ] Hospital	[ ] Educational	

CONTACT PERSON IN CHARGE OF TANK(S):

Name : U.S. ARMY / FORT STEWART
dress: Thomas Fry, Environmental Branch Chief Title: ~~JOHN SPEAR/ENV ENG~~
ty : HQS 3D INF DIV (MECH) ~~DEV/BLDG 1139~~
Phone : 1557 Frank Cochran Drive State: GA Zip Code: 31314-~~5000~~ 4928
Fort Stewart, GA 31314-4928

(912) 767-2010

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part I: Facility Data

ICIAL RESPONSIBILITY: FACILITY ID NUMBER: 9-025106

[X] 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	[X] Other Method Federal Funding
[X] 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 :

Address: City: State:

Mechanism Id Number:

Mechanism Anniversary Date:

ctible Financial Responsibility, if any: (check one)

TE: If your primary Financial Responsibility Mechanism is provided hrough 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:

echanism Anniversary Date:

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part II: Tank Data

FACILITY ID	9-025106				
TANK ID	110				
Status of Tank					
Currently In Use					
Temp. Out of Use					
Perm. Out of Use	X				
Date of Installation	01-01-1987				
Age	11				
Est. Total Capacity	1,000				
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					
te Tank Repaired					
g Material					
Bare 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					
Gasohol					
Kerosene					
Heating Oil					
ied Oil	X				
ipane					
oty					
Other, explanation					

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part II: Tank Data

FACILITY ID	9-025106				
TANK ID	110				
Substance Stored in Tank					
Hazardous Substance					
CERCLA Name					
CAS Number					
Mixture					
Mixture, Specification					
Tanks Out of Use/Chg. Ser.	**Tank**	**Piping**			
Est. Date Last Used	09-96	09-96			
Est. Date Closed	09-96	09-96			
Removed from Ground	X	X			
Closed in Ground					
Filled with Inert Mat.					
Change in Service					
Site Assessment Compl.					
Leak Detected					
Installation					
Certified by Mfg					
Certified by Imple Agn.					
Inspected by Engineer					
Checklists Completed					
ther Allowed Method					
ethod Description					
Release Detection	**Tank**	**Piping**			
Tank Tightness Testing					
Inventory Controls					
SIR					
Automatic Tank Gauging					
Inter. Mon./Double Wall					
Groundwater Monitoring					
Manual Tank Gauging					
Vapor Monitoring					
Inter. Mon./Sec. Cont.					
Auto. Line Leak Detect.					
Line Tightness Testing					
Other Method					
Other Description					
Spill and Overfill					
Date Overfill Device					
Date Spill Device					
Installer Certification					
Name					
sition					
mpany					
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:

THOMAS C. FRY	CHIEF, ENVIRONMENTAL & NATURAL RESOURCES DIV.
Owner Name	Title
Thomas C. Fry	12/20/99
Owner's Signature	Date

TAB 6
FIELD ASSESSMENT METHODS

SOIL SAMPLE (September 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 1327/1333 (i.e., UST #110, a 1000-gallon used oil 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 #110, formerly located at Building 1333, 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#110, a used oil 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
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 (September 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.

TAB 7

ANALYTICAL DATA

CLOSURE REPORT
UST #110, FACILITY ID. NO. 9-025106

LABORATORY ANALYTICAL DATA
TAB 7

The analytical results from the one soil sample obtained during UST closure activities and the two (2) 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 (September 1996). All corresponding chain of custody forms and data validation is also included in this section.

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

UST 110, Building 1327
Hunter Army Airfield
Chatham County, Facility ID: 9-025106

TABLE 1. SUMMARY OF SOIL ANALYTICAL RESULTS[3]

Location Sample ID Date Collected Depth (ft BGS)	Applicable Standards[1]	B-1 HB1101 04/06/98 0.0 to 2.0	B-1 HB1102 4/06/98 2.0 to 2.6	B-2 HB2101 4/06/98 0.0 to 2.0	B-2 HB2102 4/06/98 2.0 to 2.8
VOCs	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	0.008	0.0021 U	0.0022 U	0.0022 U	0.0022 U
Toluene	6.00	0.0021 U	0.0022 U	0.0022 U	0.0022 U
Ethylbenzene	10.00	0.0021 U	0.0022 U	0.0022 U	0.0022 U
Xylenes	700.00	0.0064 U	0.0065 U	0.0064 U	0.0051 J
TPH-DRO	NRC	0.77 U	0.77 U	1.2 U	0.68 U
TPH-GRO	NRC	0.532 UJ	0.543 U	0.538 UJ	0.538 UJ
PAHs	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
2-Chloronaphthalene	NRC	0.350 U	0.355 U	0.355 U	0.354 U
Acenaphthene	N/A[2]	0.350 U	0.355 U	0.355 U	0.354 U
Acenaphthylene	NRC	0.350 U	0.355 U	0.355 U	0.354 U
Anthracene	N/A[2]	0.350 U	0.355 U	0.355 U	0.354 U
Benzo(a)anthracene	N/A[2]	0.350 U	0.355 U	0.355 U	0.354 U
Benzo(a)pyrene	N/A[2]	0.350 U	0.355 U	0.355 U	0.354 U
Benzo(b)fluoranthene	N/A[2]	0.350 U	0.355 U	0.355 U	0.354 U
Benzo(g,h,i)perylene	N/A[2]	0.350 U	0.355 U	0.355 U	0.354 U
Benzo(k)fluoranthene	N/A[2]	0.350 UJ	0.355 UJ	0.355 UJ	0.354 UJ
Chrysene	N/A[2]	0.350 U	0.355 U	0.355 U	0.354 U
Dibenzo(a,h)anthracene	N/A[2]	0.350 U	0.355 U	0.355 U	0.354 U
Fluoranthene	N/A[2]	0.350 U	0.355 U	0.355 U	0.354 U
Fluorene	N/A[2]	0.350 U	0.355 U	0.355 U	0.354 U
Indeno(1,2,3-cd)pyrene	N/A[2]	0.350 U	0.355 U	0.355 U	0.354 U
Naphthalene	N/A[2]	0.350 U	0.355 U	0.355 U	0.354 U
Phenanthrene	N/A[2]	0.350 U	0.355 U	0.355 U	0.354 U
Pyrene	N/A[2]	0.350 U	0.355 U	0.355 U	0.354 U

NOTE: [1]Georgia Department of Natural Resources (GA DNR) Applicable Soil Threshold Levels (i.e., Table A, column 2).
[2]Not applicable; the health-based threshold level exceeds the expected soil concentration under free product conditions.
[3]**All 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.

Science Applications International Corporation — An Employee-Owned Company

800 Oak Ridge Turnpike, Oak Ridge, TN 37831 (423) 481-4600

CHAIN OF CUSTODY RECORD

COC NO.: 4069815

PROJECT NAME: CAP - Hunter AFB - Part A

PROJECT NUMBER: 0019

PROJECT MANAGER: Allison Bailey

Sampler (Signature): Mitchell H. Hall (Printed Name): Mitchell H. Hall

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Road, Charleston, SC 29417

PHONE NO: (803) 556-8171

REQUESTED PARAMETERS

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	DRP	GRO	TOC	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
HB12ØØ	4/6/98	1Ø2Ø	water	X					2	NA	980412[illegible]-Ø15
HB22ØØ	4/6/98	1Ø45	water	X					2	NA	980412[illegible]-18
HL42ØØ	4/6/98	Ø84Ø	water	X					2	NA	980412[illegible]-18
HL52ØØ	4/6/98	Ø925	water	X					2	NA	980412[illegible]-19
HL521Ø	4/6/98	Ø925	water	X					2	NA	980412[illegible]-20
HB121Ø	4/6/98	1Ø2Ø	water	X					2	NA	980412[illegible]-17
HTBØØ4	4/6/98	~~1Ø~~ Ø9ØØ	water	X					2	980412[illegible]-01	TRIP BLANK: ASTM TYPE II LOT #J303
HB11Ø1	4/6/98	1Ø1Ø	soil	X	X	X	X		2	Ø.9 ppm	Ø - 2.Ø ft
HB11Ø2	4/6/98	1Ø15	soil	X	X	X	X		2	Ø.7 ppm	2 - 4.Ø ft
HB21Ø1	4/6/98	1Ø35	soil	X	X	X	X		2	Ø.Ø ppm	~~2 - 4.Øft~~ Ø.
HB21Ø2	4/6/98	1Ø4Ø	soil	X	X	X	X		2	Ø.Ø ppm	2 - 4.Øft
HL41Ø3	4/6/98	Ø83Ø	Soil	X	X	X	X		2	Ø.Ø ppm	4 - 6 ft
HL41Ø1	4/6/98	Ø82Ø	soil	X	X	X	X		2	Ø ppm	Ø - 2 ft

	Date/Time		Date/Time		
RELINQUISHED BY: Mitchell Hall	4/6/98 1345	RECEIVED BY: [signature]	4-6-98 17:05	TOTAL NUMBER OF CONTAINERS: 26	Cooler Temperature: 4°C
COMPANY NAME: SAIC		COMPANY NAME: GEL		Cooler ID: 464	FEDEX NUMBER: NA
RECEIVED BY: [signature]	Date/Time: 4/6/98 1345	RELINQUISHED BY:	Date/Time	* NOTE - Quick Turnaround on HB12ØØ, HB22ØØ, HB121Ø, HB11Ø1, HB11Ø2, HB21Ø1, HB21Ø2	
COMPANY NAME: GEL		COMPANY NAME:			
RELINQUISHED BY: [signature]	Date/Time 1700 4/6/98	RECEIVED BY:	Date/Time		
COMPANY NAME: GEL		COMPANY NAME:			

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB1101

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA065S

Matrix: (soil/water) SOIL Lab Sample ID: 9804128-01

Sample wt/vol: 10.0 (g/mL) G Lab File ID: 2D2013

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: not dec. 6 Date Analyzed: 04/07/98

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	2.1	U	u
108-88-3	Toluene	2.1	U	↓
100-41-4	Ethylbenzene	2.1	U	
1330-20-7	Xylenes (total)	6.4	U	

FORM 1 Science Applications06-APR-1998 SF
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HB1101

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA006S

Matrix: (soil/water) SOIL Lab Sample ID: 9804128-05

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 4C60016

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: 6 decanted: (Y/N) N Date Extracted:04/10/98

Concentrated Extract Volume: 1.00(mL) Date Analyzed: 04/19/98

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	0.77	B	U FΦ1, FΦ7

FORM I SV

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB1101

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA006S

Matrix: (soil/water) SOIL Lab Sample ID: 9804128-05

Sample wt/vol: 10.0 (g/mL) G Lab File ID: 1E1013

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: not dec. 6 Date Analyzed: 04/13/98

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	532	U	UJ 6-02

FORM I VOA

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB1101

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA006S

Matrix: (soil/water) SOIL Lab Sample ID: 9804128-05

Sample wt/vol: 30.4 (g/mL) G Lab File ID: 2P507

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: 6 decanted: (Y/N) N Date Extracted: 04/10/98

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	350	U	U
91-58-7	2-chloronaphthalene	350	U	
209-96-8	acenaphthylene	350	U	
83-32-9	acenaphthene	350	U	
86-73-7	fluorene	350	U	
85-01-8	phenanthrene	350	U	
120-12-7	anthracene	350	U	
206-44-0	fluoranthene	350	U	
129-00-0	pyrene	350	U	
56-55-3	benzo(a)anthracene	350	U	
218-01-9	chrysene	350	U	
205-99-2	benzo(b)fluoranthene	350	U	
207-08-9	benzo(k)fluoranthene	350	U	
50-32-8	benzo(a)pyrene	350	U	UJ UP2
193-39-5	indeno(1,2,3-cd)pyrene	350	U	U
53-70-3	dibenz(a,h)anthracene	350	U	
191-24-2	benzo(g,h,i)perylene	350	U	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB1102

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA006S

Matrix: (soil/water) SOIL Lab Sample ID: 9804128-02

Sample wt/vol: 10.0 (g/mL) G Lab File ID: 2D2014

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: not dec. 8 Date Analyzed: 04/08/98

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
71-43-2	Benzene	2.2	U	U
108-88-3	Toluene	2.2	U	↓
100-41-4	Ethylbenzene	2.2	U	
1330-20-7	Xylenes (total)	6.5	U	

DATA VALIDATION COPY

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HB1102

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HAC06S

Matrix: (soil/water) SOIL Lab Sample ID: 9804128-06

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 4C60017

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: 8 decanted: (Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 04/19/98

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	0.77	B	U FΦ1, FΦ7

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB1102

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA005S

Matrix: (soil/water) SOIL Lab Sample ID: 9804128-06

Sample wt/vol: 10.0 (g/mL) G Lab File ID: 1E205

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: not dec. 8 Date Analyzed: 04/14/98

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	543	U	W

FORM I VOA

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB1102

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA006S

Matrix: (soil/water) SOIL Lab Sample ID: 9804128-06

Sample wt/vol: 30.6 (g/mL) G Lab File ID: 2P508

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: 8 decanted: (Y/N) N Date Extracted: 04/10/98

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	355	U	U
91-58-7	2-chloronaphthalene	355	U	
209-96-8	acenaphthylene	355	U	
83-32-9	acenaphthene	355	U	
86-73-7	fluorene	355	U	
85-01-8	phenanthrene	355	U	
120-12-7	anthracene	355	U	
206-44-0	fluoranthene	355	U	
129-00-0	pyrene	355	U	
56-55-3	benzo(a)anthracene	355	U	
218-01-9	chrysene	355	U	
205-99-2	benzo(b)fluoranthene	355	U	
207-08-9	benzo(k)fluoranthene	355	U	UJ cb2
50-32-8	benzo(a)pyrene	355	U	U
193-39-5	indeno(1,2,3-cd)pyrene	355	U	
53-70-3	dibenz(a,h)anthracene	355	U	
191-24-2	benzo(g,h,i)perylene	355	U	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB2101

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA006S

Matrix: (soil/water) SOIL Lab Sample ID: 9804128-03

Sample wt/vol: 10.0 (g/mL) G Lab File ID: 2D2015

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: not dec. 7 Date Analyzed: 04/08/98

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
71-43-2	Benzene	2.2	U
108-88-3	Toluene	2.2	U
100-41-4	Ethylbenzene	2.2	U
1330-20-7	Xylenes (total)	6.4	U

U ↓

FORM 1 Science Applications06-APR-1998 SA

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HB2101

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA0063

Matrix: (soil/water) SOIL Lab Sample ID: 9804128-07

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 4C60018

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: 7 decanted: (Y/N) N Date Extracted:04/10/98

Concentrated Extract Volume: 1.00(mL) Date Analyzed: 04/19/98

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	1.2	B	U FΦ1, FΦ2

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB2101

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA106S

Matrix: (soil/water) SOIL Lab Sample ID: 9804128-07

Sample wt/vol: 10.0 (g/mL) G Lab File ID: 1E1015

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: not dec. 7 Date Analyzed: 04/13/98

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_____	538	U	UJ 6-01

FORM I VOA

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB2101

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA006S

Matrix: (soil/water) SOIL Lab Sample ID: 9804128-07

Sample wt/vol: 30.3 (g/mL) G Lab File ID: 2P509

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: 7 decanted: (Y/N) N Date Extracted: 04/10/98

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	355	U	U
91-58-7	2-chloronaphthalene	355	U	
209-96-8	acenaphthylene	355	U	
83-32-9	acenaphthene	355	U	
86-73-7	fluorene	355	U	
85-01-8	phenanthrene	355	U	
120-12-7	anthracene	355	U	
206-44-0	fluoranthene	355	U	
129-00-0	pyrene	355	U	
56-55-3	benzo(a)anthracene	355	U	
218-01-9	chrysene	355	U	
205-99-2	benzo(b)fluoranthene	355	U	
207-08-9	benzo(k)fluoranthene	355	U	UJ CP2
50-32-8	benzo(a)pyrene	355	U	U
193-39-5	indeno(1,2,3-cd)pyrene	355	U	
53-70-3	dibenz(a,h)anthracene	355	U	
191-24-2	benzo(g,h,i)perylene	355	U	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB2102

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA006S

Matrix: (soil/water) SOIL Lab Sample ID: 9804128-04

Sample wt/vol: 10.0 (g/mL) G Lab File ID: 2D1029

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: not dec. 8 Date Analyzed: 04/07/98

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
71-43-2	Benzene	2.2	U	U
108-88-3	Toluene	2.2	U	↓
100-41-4	Ethylbenzene	2.2	U	
1330-20-7	Xylenes (total)	5.1	J	J

FORM 1 Science Applications06-APR-1998 SA
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HB2102

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA006S

Matrix: (soil/water) SOIL Lab Sample ID: 9804128-08

Sample wt/vol: 30.5 (g/mL) G Lab File ID: 4C50019

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: 7 decanted: (Y/N) N Date Extracted:04/10/98

Concentrated Extract Volume: 1.00(mL) Date Analyzed: 04/19/98

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	0.68	JB	U FΦ1, FΦ6

FORM I SV

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB2102

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA006S

Matrix: (soil/water) SOIL Lab Sample ID: 9804128-08

Sample wt/vol: 10.0 (g/mL) G Lab File ID: 1E1016

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: not dec. 7 Date Analyzed: 04/13/98

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	538	U	UJ 6-02

FORM I VOA

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB2102

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA006S

Matrix: (soil/water) SOIL Lab Sample ID: 9804128-08

Sample wt/vol: 30.4 (g/mL) G Lab File ID: 2P510

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: 7 decanted: (Y/N) N Date Extracted: 04/10/98

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	354	U	U
91-58-7	2-chloronaphthalene	354	U	
209-96-8	acenaphthylene	354	U	
83-32-9	acenaphthene	354	U	
86-73-7	fluorene	354	U	
85-01-8	phenanthrene	354	U	
120-12-7	anthracene	354	U	
206-44-0	fluoranthene	354	U	
129-00-0	pyrene	354	U	
56-55-3	benzo(a)anthracene	354	U	
218-01-9	chrysene	354	U	
205-99-2	benzo(b)fluoranthene	354	U	
207-08-9	benzo(k)fluoranthene	354	U	UJ
50-32-8	benzo(a)pyrene	354	U	U
193-39-5	indeno(1,2,3-cd)pyrene	354	U	
53-70-3	dibenz(a,h)anthracene	354	U	
191-24-2	benzo(g,h,i)perylene	354	U	

φ2

UST 110, Building 1327
Hunter Army Airfield
Chatham County, Facility ID: 9-025106

TABLE 2. SUMMARY OF GROUNDWATER ANALYTICAL RESULTS[2]

Location Sample ID Date Collected Depth (ft BGS)	Applicable Standards[1]	B-1 HB1200 04/06/98 3.5 to 7.5	B-1 HB1210 04/06/98 3.5 to 7.5[3]	B-2 HB2200 04/06/98 4.0 to 8.0
VOCs	µg/L	µg/L	µg/L	µg/L
Benzene	5	2 U	2 U	2 U
Toluene	1,000	2 U	2 U	2 U
Ethylbenzene	700	2 U	2 U	2 U
Xylenes	10,000	8.7 =	8.6 =	6 U
PAHs	µg/L	µg/L	µg/L	µg/L
2-Chloronaphthalene	NRC	11.0 U	10.8 U	13.9 U
Acenaphthene	NRC	11.0 U	10.8 U	13.9 U
Acenaphthylene	NRC	11.0 U	10.8 U	13.9 U
Anthracene	NRC	11.0 U	10.8 U	13.9 U
Benzo(a)anthracene	NRC	11.0 U	10.8 U	13.9 U
Benzo(a)pyrene	0.2	11.0 U	10.8 U	13.9 U
Benzo(b)fluoranthene	NRC	11.0 U	10.8 U	13.9 U
Benzo(g,h,i)perylene	NRC	11.0 U	10.8 U	13.9 U
Benzo(k)fluoranthene	NRC	11.0 U	10.8 U	13.9 U
Chrysene	NRC	11.0 U	10.8 U	13.9 U
Dibenzo(a,h)anthracene	NRC	11.0 U	10.8 U	13.9 U
Fluoranthene	NRC	11.0 U	10.8 U	13.9 U
Fluorene	NRC	11.0 U	10.8 U	13.9 U
Indeno(1,2,3-cd)pyrene	NRC	11.0 U	10.8 U	13.9 U
Naphthalene	NRC	11.0 J	10.8 U	13.9 U
Phenanthrene	NRC	11.0 U	10.8 U	13.9 U
Pyrene	NRC	11.0 U	10.8 U	13.9 U

NOTE: [1]U.S. Environmental Protection Agency maximum contaminant level.
[2]All 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.
[3]Duplicate sample for sample collected from location B-1 at a depth of 3.5 to 7.5 feet BGS.
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.

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Science Applications International Corporation

800 Oak Ridge Turnpike, Oak Ridge, TN 37831 (423) 481-4600

CHAIN OF CUSTODY RECORD

COC NO.: 406985

PROJECT NAME: CAP - Hunter AFB - Part A

PROJECT NUMBER: 0019

PROJECT MANAGER: Allison Bailey

Sampler (Signature): Mitchell H. Hall (Printed Name): Mitchell H. Hall

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Road, Charleston, SC 29417

PHONE NO: (803) 556-8171

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	DRP	GRO	TOC	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
HB12ØØ	4/6/98	1Ø2Ø	water	X					2	NA	980412[illegible]
HB22ØØ	4/6/98	1Ø45	water	X					2	NA	980412[illegible]
HL42ØØ	4/6/98	Ø84Ø	water	X					2	NA	980412[illegible]
HL52ØØ	4/6/98	Ø925	water	X					2	NA	980412[illegible]
HL521Ø	4/6/98	Ø925	water	X					2	NA	980412[illegible]
HB121Ø	4/6/98	1Ø2Ø	water	X					2	NA	980412[illegible]
HTBØØ4	4/6/98	1Ø Ø9ØØ	water	X					2	980412[illegible]	TRIP BLANK; ASTM TYPE[illegible] LOT #J3[illegible]
HB11Ø1	4/6/98	1Ø1Ø	soil	X	X	X	X		2	Ø.9 ppm	Ø - 2.Ø ft
HB11Ø2	4/6/98	1Ø15	soil	X	X	X	X		2	Ø.7 ppm	2 - 4.Ø ft
HB21Ø1	4/6/98	1Ø35	soil	X	X	X	X		2	Ø.Ø ppm	2 - 4.Ø ft
HB21Ø2	4/6/98	1Ø4Ø	soil	X	X	X	X		2	Ø.Ø ppm	2 - 4.Ø ft
HL41Ø3	4/6/98	Ø83Ø	Soil	X	X	X	X		2	Ø.Ø ppm	4 - 6 ft
HL41Ø1	4/6/98	Ø82Ø	Soil	X	X	X	X		2	Ø ppm	Ø - 2 ft

980412[illegible]-05 980412[illegible]-01 980412[illegible]-02 980412[illegible]-03 980412[illegible]-04 980412[illegible]-09 980412[illegible]-10

RELINQUISHED BY: Mitchell Hall	Date/Time 4/6/98 1345	RECEIVED BY: [signature]	Date/Time 4-6-98 17:05	TOTAL NUMBER OF CONTAINERS: 26	Cooler Temperature: 4°C
COMPANY NAME: SAIC		COMPANY NAME: GEL		Cooler ID: 464	FEDEX NUMBER: NA
RECEIVED BY: [signature]	Date/Time 4/6/98 1345	RELINQUISHED BY:	Date/Time	* NOTE - Quick Turnaround on HB12ØØ, HB22ØØ, HB121Ø, HB11Ø1, HB11Ø2, HB21Ø1, HB21Ø2	
COMPANY NAME: GEL		COMPANY NAME:			
RELINQUISHED BY: [signature]	Date/Time 1700 4/6/98	RECEIVED BY:	Date/Time		
COMPANY NAME: GEL		COMPANY NAME:			

Science Applications International Corporation — An Employee-Owned Company

800 Oak Ridge Turnpike, Oak Ridge, TN 37831 (423) 481-4600

CHAIN OF CUSTODY RECORD

COC NO.: 40698A

PROJECT NAME: CAP - Hunter AFB - Part A

PROJECT NUMBER: 0019

PROJECT MANAGER: Allison Bailey

Sampler (Signature): Mitchell Hall (Printed Name): Mitchell H. Hall

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Raod, Charleston, SC 29417

PHONE NO: (803) 556-8171

REQUESTED PARAMETERS

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	DRP	GRO	TOC	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
HB120Ø	4/6/98	1Ø2Ø	water		X				2	NA	9804129-02
HB220Ø	4/6/98	1Ø45	water		X				2	NA	9804129-03
HL420Ø	4/6/98	Ø84Ø	water		X				2	NA	9804129-04
HL520Ø	4/6/98	Ø925	water		X				2	NA	9804129-05
HL521Ø	4/6/98	Ø925	water		X				2	NA	9804129-06
HB121Ø	4/6/98	1Ø2Ø	water		X				2	NA	9804129-07

Mitchell H. Hall 4/6/98

RELINQUISHED BY: Mitchell H. Hall	Date/Time 4/6/98 1345	RECEIVED BY:	Date/Time 4-6-98 17:05	TOTAL NUMBER OF CONTAINERS: 12
COMPANY NAME: SAIC		COMPANY NAME: GEL		Cooler ID: 559
RECEIVED BY:	Date/Time 4-6-98 1345	RELINQUISHED BY:	Date/Time	FEDEX NUMBER: NA
COMPANY NAME: GEL		COMPANY NAME:		
RELINQUISHED BY:	Date/Time 4-6-98 1345	RECEIVED BY:	Date/Time	
COMPANY NAME: GEL		COMPANY NAME:		

Cooler Temperature: 4°C

* ~~NOTE - Quick Turnaround in~~
~~HB 120Ø~~
~~HB220Ø~~
~~HB121Ø~~

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB1200

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA005W

Matrix: (soil/water) GROUNDH2O Lab Sample ID: 9804121-15

Sample wt/vol: 10.00 (g/ml) ML Lab File ID: 2D1021

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: not dec. _____ Date Analyzed: 04/06/98

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

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

DATA VALIDATION COPY

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-43-2	Benzene	2.0	U
108-88-3	Toluene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylenes (total)	8.7	

U ↓ =

FORM I VOA

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB1200

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA007W

Matrix: (soil/water) GROUNDH2O Lab Sample ID: 9804129-02

Sample wt/vol: 910.0 (g/mL) ML Lab File ID: 7P214

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/08/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 04/14/98

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	11.0	U
91-58-7	2-chloronaphthalene	11.0	U
208-96-8	acenaphthylene	11.0	U
83-32-9	acenaphthene	11.0	U
86-73-7	fluorene	11.0	U
85-01-8	phenanthrene	11.0	U
120-12-7	anthracene	11.0	U
206-44-0	fluoranthene	11.0	U
129-00-0	pyrene	11.0	U
56-55-3	benzo(a)anthracene	11.0	U
218-01-9	chrysene	11.0	U
205-99-2	benzo(b)fluoranthene	11.0	U
207-08-9	benzo(k)fluoranthene	11.0	U
50-32-8	benzo(a)pyrene	11.0	U
193-39-5	indeno(1,2,3-cd)pyrene	11.0	U
53-70-3	dibenz(a,h)anthracene	11.0	U
191-24-2	benzo(g,h,i)perylene	11.0	U

U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB1210

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA005W

Matrix: (soil/water) GROUNDH2O Lab Sample ID: 9804121-17

Sample wt/vol: 10.00 (g/ml) ML Lab File ID: 2D1022

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: not dec. _____ Date Analyzed: 04/06/98

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)	8.6		

FORM I VOA

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB1210

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA007W

Matrix: (soil/water) GROUNDH2O Lab Sample ID: 9804129-07

Sample wt/vol: 930.0 (g/mL) ML Lab File ID: 7P219

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: _____ decanted: (Y/N)___ Date Extracted:04/08/98

Concentrated Extract Volume: 1.00(mL) Date Analyzed: 04/14/98

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	10.8	U
91-58-7	2-chloronaphthalene	10.8	U
208-96-8	acenaphthylene	10.8	U
83-32-9	acenaphthene	10.8	U
86-73-7	fluorene	10.8	U
85-01-8	phenanthrene	10.8	U
120-12-7	anthracene	10.8	U
206-44-0	fluoranthene	10.8	U
129-00-0	pyrene	10.8	U
56-55-3	benzo(a)anthracene	10.8	U
218-01-9	chrysene	10.8	U
205-99-2	benzo(b)fluoranthene	10.8	U
207-08-9	benzo(k)fluoranthene	10.8	U
50-32-8	benzo(a)pyrene	10.8	U
193-39-5	indeno(1,2,3-cd)pyrene	10.8	U
53-70-3	dibenz(a,h)anthracene	10.8	U
191-24-2	benzo(g,h,i)perylene	10.8	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB2200

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA005W

Matrix: (soil/water) GROUNDH2O Lab Sample ID: 9804121-16

Sample wt/vol: 10.00 (g/ml) ML Lab File ID: 2D1020

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: not dec. _____ Date Analyzed: 04/06/98

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
108-88-3	Toluene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylenes (total)	6.0	U

U ↓

FORM I VOA

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HB2200

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: HA007W

Matrix: (soil/water) GROUNDH2O Lab Sample ID: 9804129-03

Sample wt/vol: 360.0 (g/mL) ML Lab File ID: 7P215

Level: (low/med) LOW Date Received: 04/06/98

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/08/98

Concentrated Extract Volume: 0.50 (mL) Date Analyzed: 04/14/98

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	13.9	U
91-58-7	2-chloronaphthalene	13.9	U
208-96-8	acenaphthylene	13.9	U
83-32-9	acenaphthene	13.9	U
86-73-7	fluorene	13.9	U
85-01-8	phenanthrene	13.9	U
120-12-7	anthracene	13.9	U
206-44-0	fluoranthene	13.9	U
129-00-0	pyrene	13.9	U
56-55-3	benzo(a)anthracene	13.9	U
218-01-9	chrysene	13.9	U
205-99-2	benzo(b)fluoranthene	13.9	U
207-08-9	benzo(k)fluoranthene	13.9	U
50-32-8	benzo(a)pyrene	13.9	U
193-39-5	indeno(1,2,3-cd)pyrene	13.9	U
53-70-3	dibenz(a,h)anthracene	13.9	U
191-24-2	benzo(g,h,i)perylene	13.9	U

U

HTRW DRILLING LOG

4-8-98 JJR 90

1 COMPANY NAME: SAIC	DISTRICT: USACE Savannah
2 DRILL SUBCONTRACTOR: RE Wright	HOLE NUMBER: ~~B1~~ B1
	SHEET 1 OF SHEETS 2
3 PROJECT: HAAF CAP Part A, UST sites	4. LOCATION: Hunter AAF Bldg 1327 Tank 110
5 NAME OF DRILLER: John Hosselhoff	6. MANUFACTURERS DESIGNATION OF DRILL: Geoprobe, Salina, KA
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 2" dia macrocore acetate liner = 4' long; shoe to drive cap = 4.6' push rods 4' and 3' long large bore rods = 3'; 1.5" diam screen = 3.5' long	8. HOLE LOCATION: Bldg 1327 Tank 110 B1
	9. SURFACE ELEVATION: TBD
	10. DATE STARTED: 4-6-98 / 11. DATE COMPLETED: 4-6-98
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: 4-6-98 4.6 BLS 4-9-98 2.6'
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: see water level log
14. TOTAL DEPTH OF HOLE: ~~40~~ 7.5 BLS 7.5 'BGS	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): see water level log

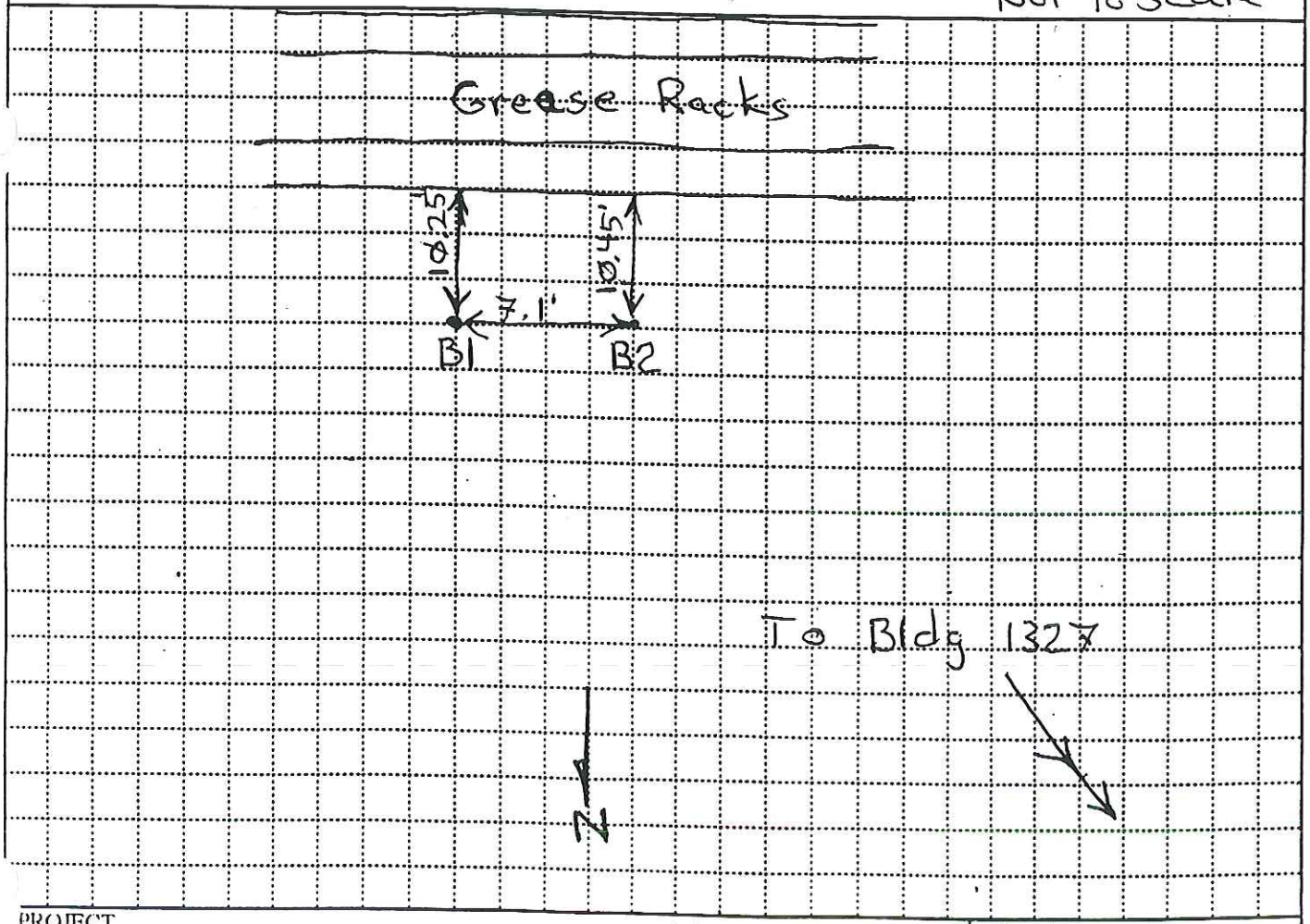
18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NA	NA	NA	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	BTEX VOC	PAH METALS	~~OTHER (SPECIFY)~~	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
Soil/Water	2/1	2/1	GRO 2/0	DRO 2/0	NA	93 %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
piezometer	✓	N	N	John B Reeves

LOCATION SKETCH/COMMENTS

SCALE: not to scale



PROJECT	HOLE NO.
HAAF CAP Part A UST Sites	B1

ENG FORM 5056-R, AUG 94

(Proponent: CECW-EG)

DEPTH (A)	DESCRIPTION OF MATERIALS (C)	FIELD SCREENING RESULTS (D)	GEOTECH SAMPLE OR CORE BOX NO (E)	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
0	0 to 0.7' 5YR 4/3 SP Reddish Brown Poorly graded Sand moist	ova 0 to 2' 0.9		HB110901	Began 1005 end 1010 Recovery 0 to 3.7 drilled 4'
	WT	ova 2' to 2.6' 0.7		HB110902	
4	water sample taken from 3.5 to 7.5' BGS			HB120900	Began ~~end~~
8	TD = 7.5				

PROJECT: Hunter AAF CAP Part A UST sites

BOREHOLE NO: B1

HTRW DRILLING LOG

1. COMPANY NAME: SAIC	DISTRICT: USACE Savannah	HOLE NUMBER: B2
2. DRILL SUBCONTRACTOR: RE Wright (SAIC)		SHEET / SHEETS / OF
3. PROJECT: Hunter AAF CAP Part A UST sites	4. LOCATION: Hunter AAF Bldg 1327 Tank 110	
5. NAME OF DRILLER: John Hasselhoff	6. MANUFACTURERS DESIGNATION OF DRILL: Geoprobe, Salina, KA	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 2" dia. macrocore, acetate liner = 4'	8. HOLE LOCATION: B2	
shoe to drive cap = 4.6'	9. SURFACE ELEVATION: TBD	
Push rods = 4' and 3'	10. DATE STARTED: 4-6-98	11. DATE COMPLETED: 4-7-98
Screen = 3.5' length.		
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: 2.8' BLS	
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: see water Level log	
14. TOTAL DEPTH OF HOLE: 8.0'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): see water level log	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NA	NA	NA	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	BTEX VOC	PAH ~~METALS~~	OTHER (SPECIFY) DRO	OTHER (SPECIFY) GRO	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
Soil / water	2 / 1	2 / 1	2 / 0	2 / 0	NA	83

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
piezometer	✓	NA	NA	John B Reeves

LOCATION SKETCH/COMMENTS

SCALE: not to scale

See page 20
Log book # 7

PROJECT	HOLE NO
HAAF UST CAP Part A UST Sites	B2

DEPTH (B)	DESCRIPTION OF MATERIALS (C)	FIELD SCREENING RESULTS (D)	GEOTECH SAMPLE OR CORE BOX NO (E)	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
	Ø' to Ø.8' concrete core				Began 1630 end 1635 Recovery Ø to 3.3' incl conc core drilled 4'
4	5YR3/3 dark reddish brown SW Well graded sand	OVA Ø'to2' Ø PPM		HB21Ø	
	~~WT~~~			2'to4' HB21Ø2	
		OVA 2'to2.8' Ø PPM			
8	Note: Soil split & dupe were Not taken due to inadequate amount of soil sample		QBR 4-6-98	HB22ØØ	
	TD = 8.Ø water sample taken between 4.Ø & 8.Ø				

PROJECT HAAF_UST

HAAF CAP Part A UST Sites

BOU. NO. B2

TAB 7 - Laboratory Analytical Data

Delivery Order #102
Hunter AAF, Savannah, Georgia
Tank Number 110
Building Number 1347

Method / **Sample ID** / *unit*	8015A **DRO** ppm	8015A **GRO** ppm	418.1 **TPH** ppm	8020 **BTEX** ppb	8270B **Semi-Volatile Organics** ppb
8102-TK110-S1			167	BDL	BDL
bdl= below method detection limits					

**Hunter Army Airfield is in an area of 'High or Average Groundwater pollution susceptibility' and this tank is approximately 2400 feet from a withdrawal point. Comparisons should be made to Table A for contaminants >500 feet from a withdrawal point.

No soil was removed from this site.

Complete Data Package Follows

Table A

Petroleum Constituents and Soil Threshold Levels[a]

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

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

a - Based on worst-case assumptions for one-dimensional vadose zone and groundwater contaminant fate and transport models.
b - Based on an assumed distance of 0.5 feet between contaminated soils and the water table.
c - Based on an assumed distance of 5.0 feet between contaminated soils and the water table.
d - Estimated Quantitation Limit. The health-based threshold level is less than the laboratory method limit of detection.
e - Not applicable. The health-based threshold level exceeds the expected soil concentration under free product condition.
f - In order to protect surface waters, the soil threshold level in Table B may supersede that found in Table A.
g - In the presence of other petroleum contaminants in concentrations exceeding 1.0 mg/kg, the Estimated Quantitation Limit, and hence the soil threshold level, may be substantially greater, as approved by EPD.

Table B

Petroleum Constituents and Soil Threshold[a] Levels

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

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

a - based on worst-case assumptions for one-dimensional vadose zone and groundwater contaminant fate and transport models.
b - based on an assumed distance of 0.5 feet between contaminated soils and the water table.
c - based on an assumed distance of 5.0 feet between contaminated soils and the water table.
d - Estimated Quantitation Limit. The health-based threshold level is less than the laboratory method limit of detection.
e - Not applicable. The health-based threshold level exceeds the expected soil concentration under free product condition.
f - In the presence of other petroleum contaminants in concentrations exceeding 1.0 mg/kg, the Estimated Quantitation Limit, and hence the soil threshold level, may be substantially greater, as approved by EPD.

COSYS
ORATORY SERVICES

ANALYTICAL REPORT

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

Client Code	29112221
Ledger Number	108287
P.O. Number	COE
Date Received	09/20/96
Time Received	11:20
Reporting Date	11/06/96

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	AB39128	**Client Site #**	SOIL FROM WASTE OIL UST
Project #	8102	**Client Sample #**	8102-TK110-S1
Project Name	HUNTER AAF		
Sampling Date/Time	09/17/96 10:00		

Sample Comment Results are reported on a dry weight basis.

SEMI (GC/MS) SOIL — **Prep Date** 09/23/96 — **Batch** 0923960004

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
8270B	PHENOL	$06013	Below MDL	390	ug/Kg	1.0	108-95-2	GC	09/23/96
8270B	BIS(2-CHLOROETHYL) ETHER	$06013	Below MDL	390	ug/Kg	1.0	111-44-4	GC	09/23/96
8270B	2-CHLOROPHENOL	$06013	Below MDL	390	ug/Kg	1.0	95-57-8	GC	09/23/96
8270B	1,3-DICHLOROBENZENE	$06013	Below MDL	390	ug/Kg	1.0	541-73-1	GC	09/23/96
8270B	1,4-DICHLOROBENZENE	$06013	Below MDL	390	ug/Kg	1.0	106-46-7	GC	09/23/96
8270B	1,2-DICHLOROBENZENE	$06013	Below MDL	390	ug/Kg	1.0	95-50-1	GC	09/23/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	$06013	Below MDL	390	ug/Kg	1.0	108-60-1	GC	09/23/96
8270B	2-METHYLPHENOL	$06013	Below MDL	390	ug/Kg	1.0	95-48-7	GC	09/23/96
8270B	4-METHYLPHENOL	$06013	Below MDL	390	ug/Kg	1.0	106-44-5	GC	09/23/96
8270B	N-NITROSODI-N-PROPYLAMINE	$06013	Below MDL	390	ug/Kg	1.0	621-64-7	GC	09/23/96
8270B	HEXACHLOROETHANE	$06013	Below MDL	390	ug/Kg	1.0	67-72-1	GC	09/23/96
8270B	NITROBENZENE	$06013	Below MDL	390	ug/Kg	1.0	98-95-3	GC	09/23/96
8270B	ISOPHORONE	$06013	Below MDL	390	ug/Kg	1.0	78-59-1	GC	09/23/96
8270B	2-NITROPHENOL	$06013	Below MDL	790	ug/Kg	1.0	88-75-5	GC	09/23/96
8270B	2,4-DIMETHYLPHENOL	$06013	Below MDL	390	ug/Kg	1.0	105-67-9	GC	09/23/96
8270B	BIS(2-CHLOROETHOXY)METHANE	$06013	Below MDL	390	ug/Kg	1.0	111-91-1	GC	09/23/96
8270B	2,4-DICHLOROPHENOL	$06013	Below MDL	390	ug/Kg	1.0	120-83-2	GC	09/23/96
8270B	1,2,4-TRICHLOROBENZENE	$06013	Below MDL	390	ug/Kg	1.0	120-82-1	GC	09/23/96
8270B	NAPHTHALENE	$06013	Below MDL	390	ug/Kg	1.0	91-20-3	GC	09/23/96
8270B	4-CHLOROANILINE	$06013	Below MDL	390	ug/Kg	1.0	106-47-8	GC	09/23/96
8270B	HEXACHLOROBUTADIENE	$06013	Below MDL	390	ug/Kg	1.0	87-68-3	GC	09/23/96
8270B	4-CHLORO-3-METHYLPHENOL	$06013	Below MDL	790	ug/Kg	1.0	59-50-7	GC	09/23/96
8270B	2-METHYLNAPHTHALENE	$06013	Below MDL	390	ug/Kg	1.0	91-57-6	GC	09/23/96
8270B	HEXACHLOROCYCLOPENTADIENE	$06013	Below MDL	390	ug/Kg	1.0	77-47-4	GC	09/23/96
8270B	2,4,6-TRICHLOROPHENOL	$06013	Below MDL	390	ug/Kg	1.0	88-06-2	GC	09/23/96
8270B	2,4,5-TRICHLOROPHENOL	$06013	Below MDL	390	ug/Kg	1.0	95-95-4	GC	09/23/96
8270B	2-CHLORONAPHTHALENE	$06013	Below MDL	390	ug/Kg	1.0	91-58-7	GC	09/23/96

Lab Sample ID AB39128 **Client Site #** SOIL FROM WASTE OIL UST

Project # 8102 **Client Sample #** 8102-TK110-S1

Project Name HUNTER AAF

mpling Date/Time 09/17/96 10:00

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
Sample Comment	Results are reported on a dry weight basis.								
SEMI (GC/MS) SOIL				**Prep Date**	09/23/96		**Batch**	0923960004	
8270B	2-NITROANILINE	$06013	*Below MDL*	390	ug/Kg	1.0	88-74-4	GC	09/23/96
8270B	DIMETHYL PHTHALATE	$06013	*Below MDL*	390	ug/Kg	1.0	131-11-3	GC	09/23/96
8270B	ACENAPHTHYLENE	$06013	*Below MDL*	390	ug/Kg	1.0	208-96-8	GC	09/23/96
8270B	2,6-DINITROTOLUENE	$06013	*Below MDL*	390	ug/Kg	1.0	606-20-2	GC	09/23/96
8270B	3-NITROANILINE	$06013	*Below MDL*	390	ug/Kg	1.0	99-09-2	GC	09/23/96
8270B	ACENAPHTHENE	$06013	*Below MDL*	390	ug/Kg	1.0	83-32-9	GC	09/23/96
8270B	2,4-DINITROPHENOL	$06013	*Below MDL*	2000	ug/Kg	1.0	51-28-5	GC	09/23/96
8270B	4-NITROPHENOL	$06013	*Below MDL*	2000	ug/Kg	1.0	100-02-7	GC	09/23/96
8270B	DIBENZOFURAN	$06013	*Below MDL*	390	ug/Kg	1.0	132-64-9	GC	09/23/96
8270B	2,4-DINITROTOLUENE	$06013	*Below MDL*	390	ug/Kg	1.0	121-14-2	GC	09/23/96
8270B	DIETHYL PHTHALATE	$06013	*Below MDL*	390	ug/Kg	1.0	84-66-2	GC	09/23/96
8270B	4-CHLOROPHENYL PHENYL ETHER	$06013	*Below MDL*	390	ug/Kg	1.0	7005-72-3	GC	09/23/96
8270B	FLUORENE	$06013	*Below MDL*	390	ug/Kg	1.0	86-73-7	GC	09/23/96
8270B	4-NITROANILINE	$06013	*Below MDL*	390	ug/Kg	1.0	100-01-6	GC	09/23/96
8270B	2-METHYL-4,6-DINITROPHENOL	$06013	*Below MDL*	1970	ug/Kg	1.0	534-52-1	GC	09/23/96
8270B	N-NITROSODIPHENYLAMINE	$06013	*Below MDL*	390	ug/Kg	1.0	86-30-6	GC	09/23/96
8270B	4-BROMOPHENYL PHENYL ETHER	$06013	*Below MDL*	390	ug/Kg	1.0	101-55-3	GC	09/23/96
[illegible]0B	HEXACHLOROBENZENE	$06013	*Below MDL*	390	ug/Kg	1.0	118-74-1	GC	09/23/96
[illegible]0B	PENTACHLOROPHENOL	$06013	*Below MDL*	2000	ug/Kg	1.0	87-86-5	GC	09/23/96
8270B	PHENANTHRENE	$06013	*Below MDL*	390	ug/Kg	1.0	85-01-8	GC	09/23/96
8270B	ANTHRACENE	$06013	*Below MDL*	390	ug/Kg	1.0	120-12-7	GC	09/23/96
8270B	DI-N-BUTYL PHTHALATE	$06013	*Below MDL*	390	ug/Kg	1.0	84-74-2	GC	09/23/96
8270B	FLUORANTHENE	$06013	*Below MDL*	390	ug/Kg	1.0	206-44-0	GC	09/23/96
8270B	PYRENE	$06013	*Below MDL*	390	ug/Kg	1.0	129-00-0	GC	09/23/96
8270B	BUTYL BENZYL PHTHALATE	$06013	*Below MDL*	390	ug/Kg	1.0	85-68-7	GC	09/23/96
8270B	3,3'-DICHLOROBENZIDINE	$06013	*Below MDL*	790	ug/Kg	1.0	91-94-1	GC	09/23/96
8270B	BENZO(A)ANTHRACENE	$06013	*Below MDL*	390	ug/Kg	1.0	56-55-3	GC	09/23/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	$06013	*Below MDL*	390	ug/Kg	1.0	117-81-7	GC	09/23/96
8270B	CHRYSENE	$06013	*Below MDL*	390	ug/Kg	1.0	218-01-9	GC	09/23/96
8270B	DI-N-OCTYL PHTHALATE	$06013	*Below MDL*	390	ug/Kg	1.0	117-84-0	GC	09/23/96
8270B	BENZO(B)FLUORANTHENE	$06013	*Below MDL*	390	ug/Kg	1.0	205-99-2	GC	09/23/96
8270B	BENZO(K)FLUORANTHENE	$06013	*Below MDL*	390	ug/Kg	1.0	207-08-9	GC	09/23/96
8270B	BENZO(A)PYRENE	$06013	*Below MDL*	390	ug/Kg	1.0	50-32-8	GC	09/23/96
8270B	INDENO(1,2,3-CD)PYRENE	$06013	*Below MDL*	390	ug/Kg	1.0	193-39-5	GC	09/23/96
8270B	DIBENZO(A,H)ANTHRACENE	$06013	*Below MDL*	390	ug/Kg	1.0	53-70-3	GC	09/23/96
8270B	BENZO(G,H,I)PERYLENE	$06013	*Below MDL*	390	ug/Kg	1.0	191-24-2	GC	09/23/96
8270B	CARBAZOLE	$06013	*Below MDL*	390	ug/Kg	1.0	86-74-8	GC	09/23/96
AROMATIC VOC (GC) SOIL				**Prep Date**	09/26/96		**Batch**	0926960003	
8020A	BENZENE	$08006	*Below MDL*	1.2	ug/Kg	1.0	71-43-2	DTA	09/26/96
[illegible]0A	TOLUENE	$08006	*Below MDL*	1.2	ug/Kg	1.0	108-88-3	DTA	09/26/96
[illegible]A	ETHYLBENZENE	$08006	*Below MDL*	1.2	ug/Kg	1.0	100-41-4	DTA	09/26/96
8020A	XYLENES (TOTAL)	$08006	*Below MDL*	1.2	ug/Kg	1.0	1330-20-7	DTA	09/26/96
8020A	CHLOROBENZENE	$08006	*Below MDL*	1.2	ug/Kg	1.0	108-90-7	DTA	09/26/96
8020A	1,2-DICHLOROBENZENE	$08006	*Below MDL*	1.2	ug/Kg	1.0	95-50-1	DTA	09/26/96

Lab Sample ID AB39128 **Client Site #** SOIL FROM WASTE OIL UST
Project # 8102 **Client Sample #** 8102-TK110-S1
Project Name HUNTER AAF
Sampling Date/Time 09/17/96 10:00

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
Sample Comment	Results are reported on a dry weight basis.								
AROMATIC VOC (GC) SOIL				**Prep Date** 09/26/96			**Batch** 0926960003		
8020A	1,3-DICHLOROBENZENE	S08006	*Below MDL*	1.2	ug/Kg	1.0	541-73-1	DTA	09/26/96
8020A	1,4-DICHLOROBENZENE	S08006	*Below MDL*	1.2	ug/Kg	1.0	106-46-7	DTA	09/26/96
8020A	TERT-METHYLBUTYL ETHER	S08006	*Below MDL*	1.2	ug/Kg	1.0	1634-04-4	DTA	09/26/96
				Prep Date 09/25/96			**Batch** 092596		
418.1	TPH (FTIR) SOIL	08008	*167.0*	6.0	mg/Kg	1.0		JK	09/25/96
				Prep Date 09/30/96			**Batch** 093096		
160.3	% TOTAL SOLIDS SOIL (N/C)	09099	*83.8*	0.1	%	1.0		CW	09/30/96

Lab Sample ID AB39129 **Client Site #** FROM DISPENSER ISLAND
Project # 8102 **Client Sample #** 8102-TK21/22-D1E-S
Project Name HUNTER AAF
Sampling Date/Time 09/18/96 08:30

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
Sample Comment	Results are reported on a dry weight basis.								
SEMI (GC/MS) SOIL				**Prep Date** 09/23/96			**Batch** 0923960004		
8270B	PHENOL	S06013	*Below MDL*	350	ug/Kg	1.0	108-95-2	GC	09/23/96
8270B	BIS(2-CHLOROETHYL) ETHER	S06013	*Below MDL*	350	ug/Kg	1.0	111-44-4	GC	09/23/96
8270B	2-CHLOROPHENOL	S06013	*Below MDL*	350	ug/Kg	1.0	95-57-8	GC	09/23/96
8270B	1,3-DICHLOROBENZENE	S06013	*Below MDL*	350	ug/Kg	1.0	541-73-1	GC	09/23/96
8270B	1,4-DICHLOROBENZENE	S06013	*Below MDL*	350	ug/Kg	1.0	106-46-7	GC	09/23/96
8270B	1,2-DICHLOROBENZENE	S06013	*Below MDL*	350	ug/Kg	1.0	95-50-1	GC	09/23/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	S06013	*Below MDL*	350	ug/Kg	1.0	108-60-1	GC	09/23/96
8270B	2-METHYLPHENOL	S06013	*Below MDL*	350	ug/Kg	1.0	95-48-7	GC	09/23/96
8270B	4-METHYLPHENOL	S06013	*Below MDL*	350	ug/Kg	1.0	106-44-5	GC	09/23/96
8270B	N-NITROSODI-N-PROPYLAMINE	S06013	*Below MDL*	350	ug/Kg	1.0	621-64-7	GC	09/23/96
8270B	HEXACHLOROETHANE	S06013	*Below MDL*	350	ug/Kg	1.0	67-72-1	GC	09/23/96
8270B	NITROBENZENE	S06013	*Below MDL*	350	ug/Kg	1.0	98-95-3	GC	09/23/96
8270B	ISOPHORONE	S06013	*Below MDL*	350	ug/Kg	1.0	78-59-1	GC	09/23/96
8270B	2-NITROPHENOL	S06013	*Below MDL*	710	ug/Kg	1.0	88-75-5	GC	09/23/96
8270B	2,4-DIMETHYLPHENOL	S06013	*Below MDL*	350	ug/Kg	1.0	105-67-9	GC	09/23/96
8270B	BIS(2-CHLOROETHOXY)METHANE	S06013	*Below MDL*	350	ug/Kg	1.0	111-91-1	GC	09/23/96
8270B	2,4-DICHLOROPHENOL	S06013	*Below MDL*	350	ug/Kg	1.0	120-83-2	GC	09/23/96
8270B	1,2,4-TRICHLOROBENZENE	S06013	*Below MDL*	350	ug/Kg	1.0	120-82-1	GC	09/23/96
8270B	NAPHTHALENE	S06013	*Below MDL*	350	ug/Kg	1.0	91-20-3	GC	09/23/96
8270B	4-CHLOROANILINE	S06013	*Below MDL*	350	ug/Kg	1.0	106-47-8	GC	09/23/96
8270B	HEXACHLOROBUTADIENE	S06013	*Below MDL*	350	ug/Kg	1.0	87-68-3	GC	09/23/96
8270B	4-CHLORO-3-METHYLPHENOL	S06013	*Below MDL*	710	ug/Kg	1.0	59-50-7	GC	09/23/96
8270B	2-METHYLNAPHTHALENE	S06013	*Below MDL*	350	ug/Kg	1.0	91-57-6	GC	09/23/96
8270B	HEXACHLOROCYCLOPENTADIENE	S06013	*Below MDL*	350	ug/Kg	1.0	77-47-4	GC	09/23/96

CHAIN OF CUSTODY

EcoSys Laboratory Services
A Division of EcoSys, Inc.
1412 Oakbrook Drive, Suite 105
Norcross, Georgia 30093
Phone 770-368-0636
Fax 770-368-0806

Client Name and Address: USACE-SAVANNAH
~~Anderson Columbia Env, Inc~~
PO Box 1386
Lake City, FL 32056
~~Steve Clark Client ID 29102122~~

Project Name: Hunter AAF
PO#: COE

Sampler: Kevin P. Hoyle (Name - Please Print or Type) K.P. Hoyle (Signature)

Project #: B102
Bid #: DO 0102
Due Date: 9/30
Routine ☒ RUSH ☐
Note: Rush Charges May Apply

Copy To:

☐ Replacement Sampling Materials?
☐ Fax Report? _____ (name)
Fax# _____

For test code refer to the EcoSys List of Analyses.

Lab Code - For Lab use only	Date Sampled	Time Sampled	Grab	Comp	Sample Number / Site Code	soil	water	solid other	non aqueous liquid	Number of Containers	EcoSys Test Code/Name: 8020	8270	418.1	8015 (GRO & DRO)	8015 (DRO)	Temperature Blank		Remarks
Sample 1 AB 39128	9-17-96	1000	✓		B102-TK110-S1	☑	☐	☐	☐	3	✓	✓	✓					Soil From Waste Oil UST
Sample 2 AB 39129	9-18-96	0830	✓		B102-TK121/22-D1E-S	☑	☐	☐	☐	3	✓	✓		✓				From Dispenser Island
Sample 3 AB 39130	9-18-96	0900	✓		B102-TK121/22-D2W-S	☑	☐	☐	☐	3	✓	✓		✓				From Dispenser Island
Sample 4 AB 39131	9-18-96	1000	✓		B102-TK98-S1	☑	☐	☐	☐	3	✓	✓			✓			No. 2 Fuel
Sample 5 AB 39132	9-18-96				Temp Vial	☐	☑	☐	☐	1						X		
Sample 6 AB 39133	9-18-96	1730	✓		B102-TK111-S1	☑	☐	☐	☐	3	✓	✓	✓					Soil From Waste Oil UST
Sample 7 AB 39134	9-19-96	1030	✓		B102-TK108-S1	☑	☐	☐	☐	3	✓	✓	✓					Soil From Waste Oil UST
Sample 8					Sample Number / Site Code	☐	☐	☐	☐									
Sample 9					Sample Number / Site Code	☐	☐	☐	☐									

Samples Relinquished by: Kevin P. Hoyle (Name - Please Print or Type) K.P. Hoyle (Signature)
Date/Time Relinquished: 1130 9-19-96
~~Samples Relinquished by:~~ Received: Oscar Archer (Name - Please Print or Type) (Signature)
Date/Time Received: 9/20/96 11:20

Relinquished by: _____ (Name - Please Print or Type) _____ (Signature)
Date/Time Relinquished: /
Relinquished by: _____ (Name - Please Print or Type) _____ (Signature)
Date/Time Received: /

Relinquished by: _____ (Name - Please Print or Type) _____ (Signature)
Date/Time Relinquished: /
Relinquished by: _____ (Name - Please Print or Type) _____ (Signature)
Date/Time Received: /

HELD: RELEASED:
QC LEVEL 1 2 3 4
*☐ DRINKING WATER ☐ WASTE WATER ☒ OTHER
ICE Y ☒ N ☐ TEMP 4°C
CUSTODY SEAL? Y ☒ N ☐ PH N/A
SAMPLE CONDITION OK
Remarks at Time of Receipt:

Custody Seal N ☐ Entered into LIMS: MM COC Reviewed by: MM
Storage Location: F4
Ledger Number: 108287
Due Date:

Client Retains Green Copy

TAB 9

MANIFESTS

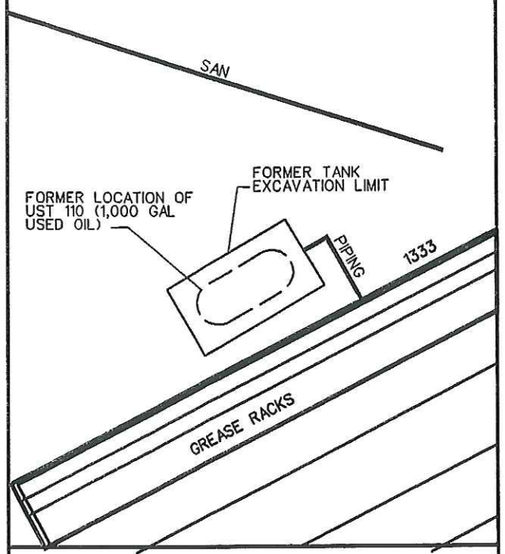
TAB 9
MANIFESTS

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 (12 inches below ground surface) and then 4000 psi concrete was placed on the site to restore it to pre-excavation conditions (ie., UST was located in a motorpool covered with 12 inches of high strength concrete.

Therefore, there are no manifests associated with the removal of UST#110, Facility Identification Number 9-025106.

TAB 10

HUNTER ARMY AIRFIELD
AREA MAP



ENLARGED PLAN FORMER UST 110, BLDG 1327

N

0 10 20

SCALE: 1" = 20'

PWS WELL #1
1300 GPM

POND #29

PWS WELL #2
1300 GPM

500' RADIUS

PWS WELL #4A
80 GPM

LAUAR CANAL

NPWS WELL #9
1000 GPM

BUCKHALTER CANAL

HALLSTROM LAKE

NPWS WELL #5
30 GPM

PWS WELL #3
30 GPM

NPWS WELL #8
80 GPM

PWS WELL #7
70 GPM

NPWS WELL #10
GPM N/A

UST 110, BLDG 1327
FACILITY ID: 9-025106

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

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

LEGEND

CREEKS, DITCHS, & CANALS

POND

SUPPLY WELL ABBREVIATIONS

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

0 1200 2400

SCALE: 1" = 2400'

N

UST 110, BLDG 1327
FACILITY ID: 9-025106

DRAWN BY	REV. NO./DATE	CAD FILES
J LAMB	0/06/07/99	97028/DONS/B41W009.DGN