



U.S. ARMY

Final Closure Report



IMA

Former 260th Quartermaster Motor Pool
3rd AVN BDE, Hunter Army Airfield
UST 25 & 26, Building 1343
3rd Infantry Division
Fort Stewart, Georgia

August 2006

Prepared for
Environmental Division
Directorate of Public Works
Fort Stewart, Georgia 31314
Thru Omaha COE

Prepared by:
Cape Environmental, Inc.
91 Noll Street
Waukegan, IL 60085

Georgia Department of Natural Resources

Environmental Protection Division

Underground Storage Tank Management Program

4244 International Parkway, Suite 104, Atlanta, Georgia 30354
(404)362-2687

NOTICE DATE: 3/22/06

GEORGIA UNDERGROUND STORAGE TANK (GUST) CLOSURE ACTIVITY FORM

For underground storage tanks (USTs), which will be permanently closed by removal or in-place, this form should be completed and submitted to the address above at least 30 days prior to the proposed closure. USTs should be closed within ninety (90) days after the proposed closure date as reported to EPD.

I. FACILITY INFORMATION:

Facility Name: HUNTER ARMY AIRFIELD - QUARTERMASTER MOTOR POOL
Contact Person: DALE KIEFER - DPW Telephone: (912) 767-4629
Address (location; P.O. Box not acceptable): QUARTERMASTER MOTOR POOL - HAAF
City: SAVANNAH County: CHATHAM Zip Code: 31409
Facility ID: 9-025008

II.

UST INFORMATION: ("Contents" refer to last product contained in UST system)

Tank ID	Tank Size (gallons)	Contents	Type of Closure (check one)			Date Last Used
			Removal	In-Place	Piping	
25	30,000	GROUT	X			1/1998
26	6,000	GROUT	X			1/1998
						1/1
						1/1
						1/1

III.

UST OWNER: (Complete this section even if it is the same as Section I)

UST Owner Name: FORT STEWART - DIRECTORATE OF PUBLIC WORKS
Mailing Address: 1550 FRANK COCKMAN DR. BLDG. 1129 City: FORT STEWART State: GA Zip Code: 31314

IV.

CONTRACTOR: (Company secured to actually close UST system)

Company or Organization Name: CAPE, INC. Telephone: (877) 422-7351
Contractor Representative Name: MICHAEL HEALY State: IL Zip Code: 60085
Address: 91 NOLL STREET City: Waukegan

V.

CLOSURE NOTIFICATION INFORMATION:

As UST owner, I certify that the information concerning permanent closure of the UST system referenced on this form is true to the best of my belief and knowledge, and that the requirements of Subpart G of Title 40 CFR Part 280 and the Georgia Environmental Protection Division Closure Guidance (GUST-9, as revised) will be met. (Not valid without owner signature.)

Name (Print): THOMAS C. FRY Title: Chief, Environmental Div.
Organization Name: US Army/Fort Stewart Telephone: (912) 767-2010
UST Owner Signature: [Signature] Date: 4 APR 06

Facility ID #: 9-025008 USTMP CLOSURE REPORT FORM

Complete this form and provide documentation to substantiate information as outlined in the Underground Storage Tank (UST) Closure Guidance Document (GUST-9). Use a separate form for each tank excavation.

I. GENERAL

A. UST OWNER Company Name (if applicable): Fort Stewart - Directorate of Public Works
Mailing Address: 1550 FRANK COCHRAN DRIVE City: Fort Stewart State: GA Zip: 31314

Owner's Name (printed): US Army Hunter Army Airfield Phone: 912-767-2010

I hereby certify that the information 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 (of owner listed under "Name" above): _____ Date: _____

B. REMOVAL CONTRACTOR (Prime Contractor/Prime consultant)

Company: CAPE INC.

Mailing Address: 91 NOLL Street City: Waukegan State: IL Zip: 60085

Name of Company Representative (printed): STEVE SCAVONE Phone: 865-765-3653

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.

Signature (of same contractor listed under "Name"): [Signature] CAPE Date: 8/1/06

C. UST Site Facility Name: HAAF
Quartermaster Motor Pool County: CHATHAM Fac. I.D.#: 9-025008

Street 260th Quartermaster
Address: Motor Pool City: SAVANNAH State: GA Zip: 31409

II. TANKS AND PIPING CLOSURE DATA**A. LIST USTs THAT HAVE BEEN CLOSED (Use the same tank ID # as on the 7530-1):**

TANK ID#	25	26			
Product	Diesel	MOTOR OIL			
Size (gals)	30,000	6,000			
How Closed	X Removed	X Removed	Removed	Removed	Removed
(check one)	In Place	In Place	In Place	In Place	In Place
Date Last Used	1998	1998			
Date Closed	4/06	4/06			
(Date removed from ground or filled in-place)					

LIST ANY USTs STILL IN USE AT THE FACILITY (Use same tank ID # as on 7530-1):

TANK ID#					
Product					
Size (gals)					

B. PIPING: How was Piping closed? ☒ Removed. ☐ Emptied, capped, left in place.
☐ Emptied, filled with inert material.

If only piping was closed, give date: _____ (month, day, year)

III. SAMPLING AND ANALYTICAL

A. Soil/Groundwater Sampling: The quantity of samples taken should be in accordance with USTMP closure guideline (GUST-9) requirements and all samples must be collected in accordance with current EPA-approved sampling procedures.

B. Regulated Substance Released: Whenever free product is encountered and/or analytical results indicate that BTEX, PAH, or TPH contamination is present in the soil and/or groundwater, a release must be reported to EPD via telephone or fax by the next business day explaining what has been found and what steps were taken to eliminate any hazardous conditions and prevent the spread of contamination. Indicate here what substance, if any, was released:

☐ None ☒ Gasoline ☒ Diesel ☐ Kerosene ☐ Used Oil ☐ Other (Name):

Date release reported to EPD: Historic Release - Previously Reported.
Site is under CAP.

C. Laboratory Analytical Methods Used (check all that were used):

5035-8021B ☐ 5035-8015 ☒ 5035-8260 ☒ 8100 ☐ 8310 ☐ 8270 ☒
Other _____

If Method 5035 was used to sample, which method was used to collect and contain the samples?
Encore™ _____ Syringe/corer and field-preserved in 40 ml vial ☒
TERRACORE Samplers

IV. TANK EXCAVATION SAMPLES (see #5 for piping trench samples)

in gallons) of UST	# of samples required per UST	Size (capacity
<1,050	1	
1,050 - 12,500	2	
> of equal to 12,501	2 per UST + 1 per additional 10,000 gals	(Collect 1 sample
per UST if a groundwater sample was collected within 2 feet of the excavation.)		

A. Based on the total number of USTs closed as reported on this form, the total number of tank excavation samples taken for this site was: 2

GROUNDWATER ENCOUNTERED IN EXCAVATION.

B. If over-excavation is performed, take one confirmation sample every 30 linear feet along the base of the sides (within 1 ft of the bottom of the excavation) and one sample per 200 sq ft along the bottom of the excavated area.

- 1) Was over-excavation performed? Yes ☐ No ☒
- 2) If "yes", what was the area of the excavation in square feet? _____
- 3) Enter total number of over-excavation samples for this site here: _____

- C. Site-Specific Hydrogeology: 1.) Was Groundwater encountered? X Yes, 8 feet
 2.) If encountered, at what depth: 8 feet
 3.) If Table B Threshold Levels are being used, how far is the nearest drinking water well or point of withdrawal for drinking water? ft.

D. Groundwater conditions: If more than one foot of groundwater covers more than 50% of the base of the excavation, a groundwater sample may be taken in lieu of soil samples from the base of the excavation. One soil sample per UST must still be collected at the fill-pipe end of each UST along the sidewalls at the soil-water interface.

Enter total number of soil-water interface samples for this site here: 2

V. PIPING SYSTEM EXCAVATION SAMPLES

A. PIPING TRENCH

PIPELINES immediately adjacent to dispenser islands. PIPELINE samples taken from main piping trench. Four Pipeline samples.

Distance from UST to nearest dispenser island: Less Than 25 ft* 25 feet or more
 # of samples required for each trench: 0* 1 sample per 25 feet**

What was the distance from the USTs along each piping trench to the nearest dispenser island?
 (feet) [(feet) (feet) (if more than one trench)]

How many confirmation samples were collected from each piping trench?

 (piping trench 1) [(piping trench 2) (piping trench 3)]

B. DISPENSER ISLAND

Number of dispenser islands X Length of each Dispenser Island (ft) / 25(ft) = # of Samples
 (Rounded **up** to nearest whole number)

How many dispensers were present in the closed system(s)? 14

How long was each dispenser island (ft)? 20 20 20 20 20
20 20

How many dispenser samples were collected? 4

Three dispenser islands (six dispensers) were located within excavation footprint

* Although no piping trench samples are required if the piping length is <25 ft., dispenser samples are required.
 Exception: If the dispenser is directly above the tank excavation, no piping samples and no dispenser samples would be required.

** This includes all fittings (couplings, elbows, flex hoses, etc.) between the tank and the dispenser island. Do not count fittings at the tank excavation and the islands. For straight piping runs, estimate 20 ft between couplings.

VI. EXCAVATED SOIL

A. Sampling:

How many cubic yards of material was excavated? 400

Based on one sample per 200 cubic yards of excavated soil or fraction thereof,
 the total number of excavated soil samples: 2

VII. CLOSURE SUMMARY

A. CONCLUSIONS

☒ Soil or groundwater contamination exists in excess of the levels specified in the above situations and this closure report is being submitted within a certified CAP-Part A.

☐ Clean Closure, No Further Action Required because analytical results indicate the condition marked below:

☐ BTEX, PAHs and TPH are below detection limits (BDL) in the soil.

☐ BTEX and PAHs are BDL in the soil and TPH (and BTEX) is vertically delineated to BDL above the groundwater table.

☐ BTEX and PAHs are above detection limits in soil but below Table A Threshold Levels, and TPH, PAHs, and BTEX in soil is vertically delineated to BDL above the groundwater table.

☐ BTEX and PAHs are above detection limits but below Table B Threshold Levels, a water supply survey indicates there are no potential receptors within the applicable radii, and BTEX, PAHs, and TPH in soil is vertically delineated to BDL above the groundwater table.

☐ BTEX and PAHs are less than Table A Threshold Levels and BTEX, PAHs or TPH is not vertically delineated to BDL above the groundwater table because groundwater is encountered in the boring or the excavation, and the water sample does not contain BTEX or PAHs above Federal or State MCLs.

☐ BTEX and PAHs are less than Table B Threshold Levels and BTEX, PAHs, or TPH is not vertically delineated to BDL above the groundwater table because groundwater is encountered in the boring or excavation, and the water sample does not contain BTEX or PAHs above In-stream Water Quality Standards, and the water supply survey indicates that there are no water supplies within the applicable radii.

B. SITE MAP (Attach to report): The map must be to scale OR, as a minimum, distances between the tank pit area, piping trenches, dispenser islands, sewer, water, utility lines (or other preferential pathways), road and main buildings must be accurately indicated on the map. These listed features must be depicted on the map in order to accurately interpret the data. The map must also include a north (N) directional arrow. Tank ID's must correspond to EPA Form 7530-1 and sample locations, sample identification numbers and depths must also be shown. Sample numbers must correspond to attached laboratory analytical data. Although not mandatory, photos may be attached to help clarify the UST system layout.

SOIL/GROUNDWATER ANALYTICAL RESULTS SUMMARY

(Use additional pages as necessary)

Facility Name: HAAF - 260th Quartermaster Motor Pool - USTs 25 & 26

Facility ID # 9-025008

Volatile Organic Compounds

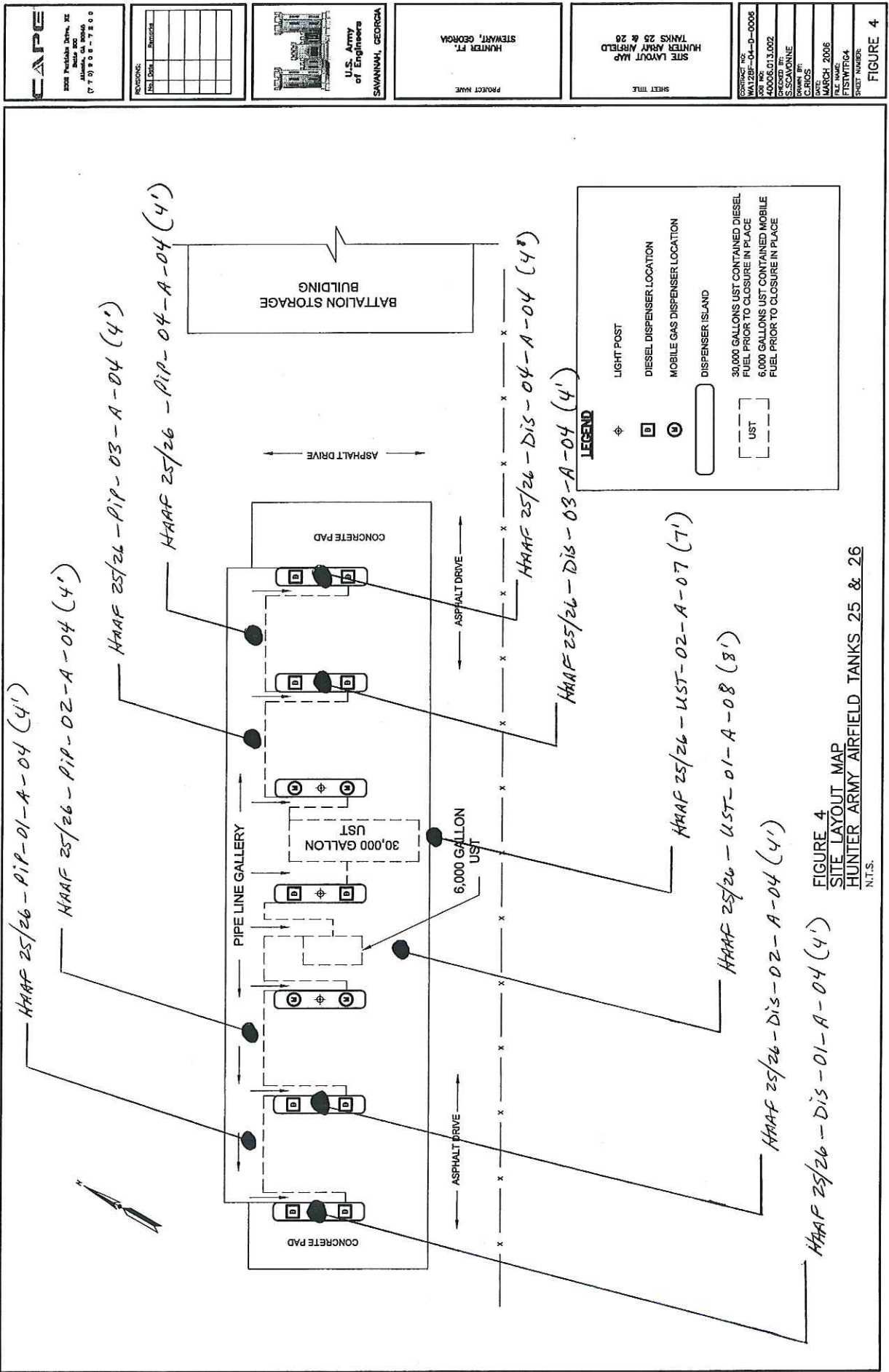
(Indicate S for Soil and GW for Groundwater. GW results must be in ug/l and soil results in mg/kg)

Sample ID	S/GW	Depth	Benzene	Toluene	Ethylbenz.	Xylenes	Total BTEX	TPH	Units	
HAAF25/26-SSW-01-A-XX	S	N/A	ND	ND	ND	ND	ND	34	mg/kg	Fill Material
HAAF25/26-SSW-02-A-XX	S	N/A	ND	ND	0.185	0.477	0.662	3713	mg/kg	Fill Material
HAAF25/26-UST-01-A-08	S	8'	ND	0.052	0.317	0.698	1.067	33	mg/kg	UST
HAAF25/26-UST-02-A-07	S	7'	ND	ND	ND	ND	0	606	mg/kg	UST
HAAF25/26-DIS-01-A-04	S	4'	0.001	ND	ND	ND	0.001	40	mg/kg	Dispenser
HAAF25/26-DIS-02-A-04	S	4'	0.002	0.025	0.013	0.067	0.107	16	mg/kg	Dispenser
HAAF25/26-DIS-03-A-04	S	4'	ND	ND	ND	ND	0	16	mg/kg	Dispenser
HAAF25/26-DIS-04-A-04	S	4'	ND	ND	ND	ND	0	4	mg/kg	Dispenser
HAAF25/26-PIP-01-A-04	S	4'	ND	ND	ND	ND	0	663	mg/kg	Pipeline
HAAF25/26-PIP-02-A-04	S	4'	ND	ND	ND	ND	0	318	mg/kg	Pipeline
HAAF25/26-PIP-03-A-04	S	4'	ND	ND	ND	ND	0	629	mg/kg	Pipeline
HAAF25/26-PIP-04-A-04	S	4'	ND	ND	ND	ND	0	313	mg/kg	Pipeline
HAAF25/26-LIQ-01-A-XX	GW	N/A	70.9	266	179	1850	2365.9	276800	ug/l	Liquid

Polynuclear Aromatic Hydrocarbons (PAHs)

(Indicate S for Soil and GW for Groundwater. Report soil concentrations in mg/kg and groundwater in ug/l.)

Sample ID	S/GW	Depth	Detected PAH Compounds	Total PAHs	Units
HAAF25/26-SSW-01-A-XX	S	N/A	Phenanthrene	0.016	mg/kg
HAAF25/26-DIS-01-A-04	S	4'	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, Dibenz(a,h)anthracene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, Pyrene.	0.897	mg/kg
HAAF25/26-DIS-02-A-04	S	4'	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(k)fluoranthene, Chrysene, Fluoranthene, Pyrene.	0.168	mg/kg
HAAF25/26-DIS-03-A-04	S	4'	Not detected	0	mg/kg
HAAF25/26-DIS-04-A-04	S	4'	Not detected	0	mg/kg
HAAF25/26-LIQ-01-A-XX	GW	N/A	Anthracene, Fluoranthene, Fluorene, Naphthalene, Phenanthrene, Pyrene	920	ug/l
HAAF25/26-PIP-01-A-04	S	4'	Benzo(a)anthracene, Benzo(b)fluoranthene, Chrysene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, Pyrene.	0.804	mg/kg
HAAF25/26-PIP-02-A-04	S	4'	Benzo(a)anthracene, Benzo(b)fluoranthene, Chrysene, Pyrene.	0.193	mg/kg
HAAF25/26-PIP-03-A-04	S	4'	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Chrysene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, Pyrene.	1.151	mg/kg
HAAF25/26-PIP-04-A-04	S	4'	Benzo(a)anthracene, Benzo(b)fluoranthene, Chrysene, Dibenz(a,h)anthracene, Fluoranthene, Phenanthrene, Pyrene.	0.259	mg/kg
HAAF25/26-UST-02-A-07	S	7'	Benzo(a)anthracene, Benzo(b)fluoranthene, Chrysene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, Pyrene.	0.647	mg/kg





TRANSMITTAL LETTER Chemistry Services

TO: Michael Healy
mhealy@cape-inc.com

Date: April 24, 2006

Project/Task Hunter Army Airfield

FROM: Michael Houck
mhouck@cape-inc.com

CC: Christelle Newsome
cnewsome@cape-inc.com

We are transmitting herewith the following:

- | | |
|---|---|
| ☐ Original Analytical Data (hardcopy/CD) | ☐ Quality Assurance Report (QAR) |
| X Laboratory reports – Annotated Form 1s only | ☐ SAP/QAPP |
| ☐ EDDs | ☐ Cost Summary |
| ☐ For your use | |
| ☐ Revise and resubmit | |
| ☐ No exception taken | |
| ☐ Make corrections needed | |

# COPIES	DESCRIPTION
1	Preliminary results for sample collected at Hunter AAF on 4/13/2006
	GCAL Lab SDG 206041414

Comments: Results compared to GUST Tables A and B *Soil Threshold Levels*. There are no exceedances of

screening criteria. However, BTEX run at 50 fold dilution due to elevated non-target analyte background. Benzene reported as a non-detect above the screening criteria level.

Please see the attached data for your preliminary data use and review. Note, the data has not undergone the full CAPE comprehensive data quality assessment and is subject to change as a result of laboratory quality control exceptions applied during the validation process.

Enclosed Results are Approved for Quality Assurance Release by: Michael Houck 4/23/06.

Project Hunter AAF
Number #: 40006.013.002.006

302 Parklake Drive
Atlanta, GA 30345-2907

NATIONALLY RECOGNIZED BY CLIENTS FOR SUPERIOR SERVICE

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date

GCAL Report 206041414



Deliver To CAPE Environmental
2302 Parklake Dr
Suite 200
Atlanta, GA 30345
678-287-1358

Attn Christelle Newsome

Customer CAPE Environmental

Project Hunter Army Air Field



GOAL ANALYTICAL SERVICES, INC.
 5915 W. 50th, Suite 200, Louisiana 70007-7402
 Phone: (504) 835-1330 • Fax: (504) 835-1575

CHAIN OF CUSTODY RECORD

Lab use only

Client Name
 CHUMU

Client #
 4584

Workorder #
 206641414

Due Date
 7-19-06

Report to:
 Client: CHUMU, Inc.
 Address: 2302 Parkway Dr. Ste 200
Atlanta, GA 30345
 Contact: Charles A. Robinson
 Phone: (800) 488-4372
 Fax: _____

Bill to:
 Client: CHUMU, Inc.
 Address: 2302 Parkway Dr. Ste 200
Atlanta, GA 30345
 Contact: Charles A. Robinson
 Phone: (800) 488-4372
 Fax: _____

Project Name/Number
40006.013

Sampled By:
Steve Savante

Sample Description
Water 25/26 - 550 - 01 - A - 88

Preservatives
Ice + 8

No. of Containers
8

Analytical Requests & Method

TESTX - 82608	X	X	X
PMH - 82308	X	X	X
TPH-640 - 8015M	X	X	X
TPH-640 - 8015M	X	X	X

Lab use only:

Custody Seal
 used ☒ no ☐
 intact ☒ no ☐
 Temperature 2

Remarks

Lab ID

Turnaround time: ☐ 24-48 hrs ☒ 3 days ☐ 1 week ☐ Standard ☐ Other

Relinquished by: (Signature) [Signature] Date: 4/13/06 Received by: (Signature) _____
 Relinquished by: (Signature) Falor Date: 4/14/06 Received by: (Signature) [Signature]
 Relinquished by: (Signature) _____ Date: _____ Received by: (Signature) _____

3-DAY TAT

PEDEX TRACKING NUMBER

8562 3924 2041

By submitting these services, you agree to the terms and conditions contained in our master order schedule of services.

Main: W = water, S = soil, SD = solid, L = liquid, SL = liquid, O = oil, CT = chemical type, A = air bag

We cannot accept verbal changes. Please fax written changes to (225) 767-5717

WHITE CLIENT FINAL REPORT - CANARY LABORATORY - PINK CLIENT

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 206041414

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604141401	HAAF25/26-SSW-01-A-XX	Solid	04/13/2006 15:45	04/14/2006 09:55

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604141401	HAAF25/26-SSW-01-A-XX	Solid	04/13/2006 15:45	04/14/2006 09:55

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	04/21/2006 17:30	RJO	320894

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	286U	286	5.95	ug/Kg
100-41-4	Ethylbenzene	286U	286	11.8	ug/Kg
108-88-3	Toluene	286U	286	31.5	ug/Kg
1330-20-7	Xylene (total)	572U	572	32.7	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2440	2460	ug/Kg	101	62 - 127
1868-53-7	Dibromofluoromethane	2440	2250	ug/Kg	92	65 - 130
2037-26-5	Toluene d8	2440	2450	ug/Kg	101	71 - 132
17060-07-0	1,2-Dichloroethane-d4	2440	2210	ug/Kg	91	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604141401	HAAF25/26-SSW-01-A-XX	Solid	04/13/2006 15:45	04/14/2006 09:55

8270C, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/18/2006 10:00	320519	3550B	1	04/19/2006 18:12	JAR3	320720

CAS#	Parameter	Result	RDL	MDL	Units
83-32-9	Acenaphthene	386U	386	10.1	ug/Kg
208-96-8	Acenaphthylene	386U	386	11.4	ug/Kg
120-12-7	Anthracene	386U	386	11.1	ug/Kg
56-55-3	Benzo(a)anthracene	386U	386	10.3	ug/Kg
50-32-8	Benzo(a)pyrene	386U	386	10.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	386U	386	7.16	ug/Kg
191-24-2	Benzo(g,h,i)perylene	386U	386	10.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	386U	386	15.8	ug/Kg
218-01-9	Chrysene	386U	386	9.03	ug/Kg
53-70-3	Dibenz(a,h)anthracene	386U	386	9.76	ug/Kg
206-44-0	Fluoranthene	386U	386	11.4	ug/Kg
86-73-7	Fluorene	386U	386	9.93	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	386U	386	16.4	ug/Kg
91-20-3	Naphthalene	386U	386	11.3	ug/Kg
85-01-8	Phenanthrene	15.6J	386	12.6	ug/Kg
129-00-0	Pyrene	386U	386	12.1	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1660	1120	ug/Kg	67	33 - 116
321-60-8	2-Fluorobiphenyl	1660	1250	ug/Kg	75	30 - 118
1718-51-0	Terphenyl-d14	1660	1180	ug/Kg	71	26 - 135
4165-62-2	Phenol-d5	3320	1990	ug/Kg	60	25 - 117
367-12-4	2-Fluorophenol	3320	2450	ug/Kg	74	28 - 106
118-79-6	2,4,6-Tribromophenol	3320	2420	ug/Kg	73	17 - 120

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604141401	HAAF26/26-SSW-01-A-XX	Solid	04/13/2006 15:45	04/14/2006 09:55

SW-846 8015B, DRO

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/17/2006 21:00	320530	3550B	1	04/18/2006 10:40	WAS	320566

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	27400	4690	3310	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1670	1530	ug/Kg	92	27 - 129

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604141401	HAAF25/26-SSW-01-A-XX	Solid	04/13/2006 15:45	04/14/2006 09:55

SW-846 8015B, Gasoline

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	04/14/2006 22:43	PKB	320381

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	6970	6150	2280	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	1570	1510	ug/Kg	96	47 - 164

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604141401	HAAF25/26-SSW-01-A-XX	Solid	04/13/2006 15:45	04/14/2006 09:55

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	04/15/2006 08:55	RLY	320391

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	14.8			%

RESULTS REPORTED ON A DRY WEIGHT BASIS



TRANSMITTAL LETTER Chemistry Services

TO: Michael Healy
mhealy@cape-inc.com

Date: April 25, 2006

Project/Task Hunter Army Airfield

FROM: Michael Houck
mhouck@cape-inc.com

CC: Christelle Newsome
cnewsome@cape-inc.com

We are transmitting herewith the following:

- | | |
|---|---|
| ☐ Original Analytical Data (hardcopy/CD) | ☐ Quality Assurance Report (QAR) |
| ☒ Laboratory reports – Annotated Form 1s only | ☐ SAP/QAPP |
| ☐ EDDs | ☐ Cost Summary |
| ☐ For your use | |
| ☐ Revise and resubmit | |
| ☐ No exception taken | |
| ☐ Make corrections needed | |

# COPIES	DESCRIPTION
1	Preliminary results for samples collected at Hunter AAF on 4/19/2006
	GCAL Lab SDG 206042018 – revised to include TCLP Lead results

Comments: Results compared to GUST Tables A and B *Soil Threshold Levels* and GA EPD Chapter 391-3-

19 Hazardous Site Response Section 07 Risk Reduction Standards part 6(c), Appendix I Table 1 and Appendix III Table 2. . There are no exceedances of screening criteria. However, BTEX run at 50 fold and 100 dilutions due to elevated non-target analyte background. Benzene reported as a non-detect above the screening criteria. Please see the attached data for your preliminary data use and review. Note, the data has not undergone the full CAPE comprehensive data quality assessment and is subject to change as a result of laboratory quality control exceptions applied during the validation process.

Enclosed Results are Approved for Quality Assurance Release by: Michael Houck 4/25/06.

Project Hunter AAF
Number #: 40006.013.002.006

302 Parklake Drive
Atlanta, GA 30345-2907

NATIONALLY RECOGNIZED BY CLIENTS FOR SUPERIOR SERVICE

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date

GCAL Report 206042018



Deliver To CAPE Environmental
2302 Parklake Dr
Suite 200
Atlanta, GA 30345
678-287-1358

Attn Christelle Newsome

Customer CAPE Environmental

Project Hunter Army Air Field

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 206042018

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604201801	HAAF 25/26-SSW-02-A-XX	Solid	04/19/2006 14:15	04/20/2006 09:35
20604201802	HAAF 25/26-GRT-01-A-XX	Solid	04/19/2006 14:30	04/20/2006 09:35
20604201803	TRIP BLANK	Water	04/19/2006 14:30	04/20/2006 09:35



GICAL
GUY CARPENTARY LABORATORIES, INC.
7579 GOSPEL AVENUE, BAYON, NEW JERSEY 07006-7432
PHONE: 201-769-4900 FAX: 201-769-5117

CHAIN OF CUSTODY RECORD

Lab Use Only
Client Name: CAPE Date: 4-25-06
Client # 445-4 Worksheet # 2060442016

Report to: CAPE, INC.
Client: CAPE
Address: 2302 PARKWAY DR. #200
Atlanta, GA 30345
Contact: Charlotte
Phone: 800 488-4372
Fax:

P.O. Number: Project Name/Number: HAWTICK NAF / 40006.013.002.006

Sampled By: S. Scarsone
Main: S. Scarsone
Time: 1415
Date: 4/25/06
Sample Description: HAIR 25/26 - SOL - A - XX ICE +
HAIR 25/26 - GRT - 01-A - XX ICE +

Mo	Da	Time	Sample Description	Preserved	No. of Containers	Analytical Requests & Method	Lab Use Only: Custody Seal USED: ☒ YES ☐ NO In lab: ☒ YES ☐ NO Temperature: <u>3</u>	Remarks	Lab ID
S	4/25/06	1415	HAIR 25/26 - SOL - A - XX ICE +	ICE +	8	ZTEX TPN - GLO TPN - DKO PMT TALL LEAD			1
S	4/25/06	1415	HAIR 25/26 - GRT - 01-A - XX ICE +	ICE +	9				2
									3

Turn-Around Time: ☐ 24-48 hrs. ☒ 3-5 days
Received by: (Signature) [Signature] Date: 4-20-06 Time: 4:35
Relinquished by: (Signature) [Signature] Date: 4-20-06 Time: 4:35
Relinquished by: (Signature) [Signature] Date: 4-20-06 Time: 4:35

Main: W = water, S = soil, SD = solid, L = liquid, SL = sludge, Q = oil, GT = chemical tube, A = air bag

We cannot accept verbal changes. Please fax written changes to: (201) 762-5717

WHITE CLIENT FINAL REPORT - CARPENTARY LABORATORY - PINK CLIENT

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604201801	HAAF 25/26-SSW-02-A-XX	Solid	04/19/2006 14:15	04/20/2006 09:35

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	04/23/2006 14:17	VWM	321050

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	572U	572	11.9	ug/Kg
100-41-4	Ethylbenzene	185J	572	23.7	ug/Kg
108-88-3	Toluene	572U	572	62.9	ug/Kg
1330-20-7	Xylene (total)	477J	1140	65.5	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	4920	4950	ug/Kg	101	62 - 127
1888-53-7	Dibromofluoromethane	4920	4590	ug/Kg	93	65 - 130
2037-26-5	Toluene d8	4920	5240	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	4920	4220	ug/Kg	86	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604201801	HAAF 25/26-SSW-02-A-XX	Solid	04/19/2006 14:15	04/20/2006 09:35

SW-846 8015B, DRO

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/20/2006 14:00	320771	3550B	100	04/21/2006 12:53	WAS	320905

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	3630000	459000	324000	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1640	DO	ug/Kg	0*	27 - 129

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604201801	HAAF 25/26-SSW-02-A-XX	Solid	04/19/2006 14:15	04/20/2006 09:35

SW-846 8015B, Gasoline

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	04/22/2006 23:19	PKB	321035

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	82600	6180	2290	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	1600	MI	ug/Kg	0*	47 - 164

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604201801	HAAF 25/26-SSW-02-A-XX	Solid	04/19/2006 14:15	04/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	04/20/2006 20:15	RLY	320809

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	14.0			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604201802	HAAF 25/26-GRT-01-A-XX	Solid	04/19/2006 14:30	04/20/2006 09:35

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	04/23/2006 14:40	VWM	321050

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	280U	280	5.82	ug/Kg
100-41-4	Ethylbenzene	280U	280	11.6	ug/Kg
108-88-3	Toluene	280U	280	30.8	ug/Kg
1330-20-7	Xylene (total)	166J	559	32.0	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2470	2580	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	2470	2240	ug/Kg	91	65 - 130
2037-26-5	Toluene d8	2470	2860	ug/Kg	108	71 - 132
17060-07-0	1,2-Dichloroethane-d4	2470	2050	ug/Kg	83	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604201802	HAAP 25/26 GRT-01-A-XX	Solid	04/19/2006 14:30	04/20/2006 09:35

8270C, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/20/2006 20:00	320772	3550B	1	04/23/2006 16:59	JAR3	321124

CAS#	Parameter	Result	RDL	MDL	Units
95-95-4	2,4,5-Trichlorophenol	374U u	374	7.60	ug/Kg
88-06-2	2,4,6-Trichlorophenol	374U	374	16.8	ug/Kg
120-83-2	2,4-Dichlorophenol	374U	374	9.75	ug/Kg
51-28-5	2,4-Dinitrophenol	1890U	1890	64.0	ug/Kg
121-14-2	2,4-Dinitrotoluene	374U	374	16.8	ug/Kg
606-20-2	2,6-Dinitrotoluene	374U	374	9.06	ug/Kg
91-58-7	2-Chloronaphthalene	374U	374	10.1	ug/Kg
95-57-8	2-Chlorophenol	374U	374	5.97	ug/Kg
91-57-6	2-Methylnaphthalene	254J	374	10.6	ug/Kg
88-74-4	2-Nitroaniline	1890U	1890	24.5	ug/Kg
88-75-5	2-Nitrophenol	374U	374	14.9	ug/Kg
91-94-1	3,3'-Dichlorobenzidine	747U	747	46.9	ug/Kg
99-09-2	3-Nitroaniline	1890U	1890	10.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1890U	1890	19.6	ug/Kg
59-50-7	4-Chloro-3-methylphenol	374U	374	15.0	ug/Kg
106-47-8	4-Chloroaniline	374U	374	32.9	ug/Kg
7005-72-3	4-Chlorophenyl phenyl ether	374U	374	9.94	ug/Kg
83-32-9	Acenaphthene	374U	374	9.74	ug/Kg
208-96-8	Acenaphthylene	374U	374	11.0	ug/Kg
98-86-2	Acetophenone	374U	374	8.03	ug/Kg
120-12-7	Anthracene	374U	374	10.7	ug/Kg
1912-24-9	Atrazine (Aatrex)	1890U	1890	19.2	ug/Kg
100-52-7	Benzaldehyde	747U	747	28.6	ug/Kg
56-55-3	Benzo(a)anthracene	374U	374	9.96	ug/Kg
50-32-8	Benzo(a)pyrene	374U	374	9.90	ug/Kg
205-99-2	Benzo(b)fluoranthene	374U	374	6.92	ug/Kg
191-24-2	Benzo(g,h,i)perylene	374U	374	9.91	ug/Kg
207-08-9	Benzo(k)fluoranthene	374U	374	15.3	ug/Kg
92-52-4	Biphenyl	27.8J	374	11.0	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	374U	374	12.9	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	374U	374	11.6	ug/Kg
108-60-1	Bis(2-Chloroisopropyl)ether	374U	374	14.5	ug/Kg
117-81-7	Bis(2-Ethylhexyl)phthalate	1020	374	10.1	ug/Kg
101-55-3	4-Bromophenyl phenyl ether	374U	374	9.12	ug/Kg
85-68-7	Butyl benzyl phthalate	374U	374	12.2	ug/Kg
105-60-2	Caprolactam	374U	374	77.4	ug/Kg
86-74-8	Carbazole	374U	374	9.65	ug/Kg
218-01-9	Chrysene	374U	374	8.74	ug/Kg
84-74-2	Di-n-butyl phthalate	374U	374	28.0	ug/Kg
117-84-0	Di-n-octyl phthalate	374U	374	8.14	ug/Kg
53-70-3	Dibenz(a,h)anthracene	374U	374	9.45	ug/Kg
132-64-9	Dibenzofuran	17.3J	374	13.9	ug/Kg
84-66-2	Diethyl phthalate	374U	374	16.6	ug/Kg
131-11-3	Dimethyl phthalate	374U	374	12.3	ug/Kg
105-67-9	2,4-Dimethylphenol	374U	374	25.3	ug/Kg
206-44-0	Fluoranthene	374U	374	11.0	ug/Kg
86-73-7	Fluorene	374U	374	9.61	ug/Kg
118-74-1	Hexachlorobenzene	374U	374	12.0	ug/Kg
87-68-3	Hexachlorobutadiene	374U	374	14.3	ug/Kg
77-47-4	Hexachlorocyclopentadiene	374U	374	8.11	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604201802	HAAP 25/26-GRT-01-A-XX	Solid	04/19/2006 14:30	04/20/2006 09:35

8270C, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/20/2006 20:00	320772	3550B	1	04/23/2006 16:59	JAR3	321124

CAS#	Parameter	Result	RDL	MDL	Units
67-72-1	Hexachloroethane	374U	374	15.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	374U	374	15.9	ug/Kg
78-59-1	Isophorone	374U	374	9.52	ug/Kg
91-20-3	Naphthalene	122J	374	10.9	ug/Kg
100-01-6	4-Nitroaniline	1890U	1890	27.0	ug/Kg
98-95-3	Nitrobenzene	374U	374	14.0	ug/Kg
100-02-7	4-Nitrophenol	1890U	1890	49.1	ug/Kg
87-86-5	Pentachlorophenol	1890U	1890	97.3	ug/Kg
85-01-8	Phenanthrene	33.4J	374	12.1	ug/Kg
108-95-2	Phenol	374U	374	12.2	ug/Kg
129-00-0	Pyrene	374U	374	11.7	ug/Kg
1319-77-3MP	m,p-Cresol	374U	374	13.9	ug/Kg
621-64-7	n-Nitrosodi-n-propylamine	374U	374	10.1	ug/Kg
86-30-6	n-Nitrosodiphenylamine	374U	374	11.1	ug/Kg
95-48-7	o-Cresol	374U	374	15.2	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1670	1360	ug/Kg	82	33 - 116
321-60-8	2-Fluorobiphenyl	1670	1260	ug/Kg	76	30 - 118
1718-51-0	Terphenyl-d14	1670	1180	ug/Kg	71	26 - 135
4165-62-2	Phenol-d5	3330	2310	ug/Kg	69	25 - 117
367-12-4	2-Fluorophenol	3330	2520	ug/Kg	76	28 - 106
118-79-6	2,4,6-Tribromophenol	3330	1730	ug/Kg	52	17 - 120

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604201802	HAAF 25/26 GRT-01-A-XX	Solid	04/19/2006 14:30	04/20/2006 09:35

SW-846 8015B, DRO

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/20/2006 14:00	320771	3550B	5	04/21/2006 13:47	WAS	320905

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	182000	22300	15700	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1640	1600	ug/Kg	98	27 - 129

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604201802	HAAF 25/26 GRT-01-A-XX	Solid	04/19/2006 14:30	04/20/2006 09:35

SW-846 8015B, Gasoline

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	04/22/2006 23:39	PKB	321035

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	20500	5300	1970	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	1400	1490	ug/Kg	106	47 - 164

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604201802	HAAF 25/26 GRT-01-A-XX	Solid	04/19/2006 14:30	04/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	04/20/2006 20:15	RLY	320809

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	11.7			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604201803	TRIP BLANK	Water	04/19/2006 14:30	04/20/2006 09:35

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	04/23/2006 10:46	JCK	321058

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	5.00U	5.00	0.225	ug/L
100-41-4	Ethylbenzene	5.00U	5.00	0.227	ug/L
108-88-3	Toluene	5.00U	5.00	0.213	ug/L
1330-20-7	Xylene (total)	10.0U	10.0	0.509	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	46.1	ug/L	92	77 - 127
2037-26-5	Toluene d8	50	52.4	ug/L	105	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	47.1	ug/L	94	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604201803	TRIP/BLANK	Water	04/19/2006 14:30	04/20/2006 09:35

SW-846 8015B, Gasoline

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	04/22/2006 17:59	PKB	321012

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	100U <i>u</i>	100	48.4	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	30.6	ug/L	102	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604201804	HAAP/25/26-SBW-02-A-XX (TCLP)	Solid	04/19/2006 14:15	04/20/2006 09:35

SW-846 6010B, TCLP Metals

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/23/2006 18:25	321081	3010A	1	04/24/2006 16:08	AJW	321107

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.0064 <i>JB</i>	0.10	0.0012	mg/L

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604201805	HAAF 25/26-GRT-01-A-XX (TCLP)	Solid	04/19/2006 14:30	04/20/2006 09:35

SW-846 6010B, TCLP Metals

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/23/2006 18:25	321081	3010A	1	04/24/2006 16:16	AJW	321107

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.066 JB	0.10	0.0012	mg/L

RESULTS REPORTED ON A WET WEIGHT BASIS



TRANSMITTAL LETTER Chemistry Services

TO: Michael Healy
mhealy@cape-inc.com

Date: May 3, 2006

Project/Task Hunter Army Airfield

FROM: Michael Houck
mhouck@cape-inc.com

CC: Christelle Newsome
cnewsome@cape-inc.com

We are transmitting herewith the following:

- | | |
|---|---|
| ☐ Original Analytical Data (hardcopy/CD) | ☐ Quality Assurance Report (QAR) |
| ☒ Laboratory reports – Annotated Form 1s only | ☐ SAP/QAPP |
| ☐ EDDs | ☐ Cost Summary |
| ☐ For your use | |
| ☐ Revise and resubmit | |
| ☐ No exception taken | |
| ☐ Make corrections needed | |

# COPIES	DESCRIPTION
1	Preliminary results for samples collected at Hunter AAF on 4/18/2006
	GCAL Lab SDG 206041966

Comments: Results compared to GUST Tables A and B *Soil Threshold Levels* and GA EPD Chapter 391-3-

19 Hazardous Site Response Section 07 Risk Reduction Standards part 6(c), Appendix I Table 1 and Appendix III Table 2.. There are no exceedances of screening criteria for BTEX and PAHs, and no criteria to screen against for TPH GRO/DRO.

Please see the attached data for your preliminary data use and review. Note, the data has not undergone the full CAPE comprehensive data quality assessment and is subject to change as a result of laboratory quality control exceptions applied during the validation process.

Enclosed Results are Approved for Quality Assurance Release by: Michael Houck 5/03/06.

Project Hunter AAF

Number #: 40006.013.002.006

302 Parklake Drive
Atlanta, GA 30345-2907

NATIONALLY RECOGNIZED BY CLIENTS FOR SUPERIOR SERVICE

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 05/01/2006

GCAL Report 206041966



Deliver To CAPE Environmental
2302 Parklake Dr
Suite 200
Atlanta, GA 30345
678-287-1358

Attn Christelle Newsome

Customer CAPE Environmental

Project Hunter Army Air Field

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 206041966

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196601	HAAF 25/26-UST-01-A-08	Solid	04/18/2006 09:45	04/19/2006 09:25
20604196602	HAAF 25/26-DIS-01-A-04	Solid	04/18/2006 14:00	04/19/2006 09:25
20604196603	HAAF 25/26-DIS-01-C-04	Solid	04/18/2006 14:00	04/19/2006 09:25
20604196604	HAAF 25/26-DIS-02-A-04	Solid	04/18/2006 14:20	04/19/2006 09:25
20604196605	HAAF 25/26-DIS-03-A-04	Solid	04/18/2006 14:40	04/19/2006 09:25
20604196606	HAAF 25/26-DIS-04-A-04	Solid	04/18/2006 15:00	04/19/2006 09:25
20604196607	HAAF 25/26-LIQ-01-A-XX	Water	04/18/2006 12:30	04/19/2006 09:25

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196601	HAAF 25/26 UST-01-A-08	Solid	04/18/2006 09:45	04/19/2006 09:25

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	04/23/2006 13:55	VWM	321050

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	219U <i>u</i>	219	4.55	ug/Kg
100-41-4	Ethylbenzene	317	219	9.05	ug/Kg
108-88-3	Toluene	52.3J <i>J</i>	219	24.0	ug/Kg
1330-20-7	Xylene (total)	698	437	25.0	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2190	2240	ug/Kg	103	62 - 127
1868-53-7	Dibromofluoromethane	2190	1990	ug/Kg	91	65 - 130
2037-26-5	Toluene d8	2190	2300	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	2190	1870	ug/Kg	86	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196601	HAAF 25/26-UST-01-A-08	Solid	04/18/2006 09:45	04/19/2006 09:25

SW-846 8015B, Gasoline

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	04/22/2006 20:19	PKB	321035

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	33000	4380	1620	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	1310	1440	ug/Kg	110	47 - 164

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196602	HAAF-25/26-DIS-01-A-04	Solid	04/18/2006 14:00	04/19/2006 09:25

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	04/23/2006 17:45	AJV	321078

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	1.16J	5.22	0.108	ug/Kg
100-41-4	Ethylbenzene	5.22U	5.22	0.216	ug/Kg
108-88-3	Toluene	5.22U	5.22	0.574	ug/Kg
1330-20-7	Xylene (total)	10.4U	10.4	0.597	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	46.1	41	ug/Kg	89	62 - 127
1868-53-7	Dibromofluoromethane	46.1	45.7	ug/Kg	99	65 - 130
2037-26-5	Toluene d8	46.1	51.1	ug/Kg	111	71 - 132
17060-07-0	1,2-Dichloroethane-d4	46.1	42.7	ug/Kg	93	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604198602	HAAR 25/26-DIS-01-A-04	Solid	04/18/2006 14:00	04/19/2006 09:25

8270C, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/20/2006 20:00	320772	3550B	1	04/23/2006 15:13	JAR3	321124

CAS#	Parameter	Result	RDL	MDL	Units
83-32-9	Acenaphthene	367U u	367	9.57	ug/Kg
208-96-8	Acenaphthylene	367U	367	10.8	ug/Kg
120-12-7	Anthracene	367U ↓	367	10.5	ug/Kg
56-55-3	Benzo(a)anthracene	66.6J J	367	9.79	ug/Kg
50-32-8	Benzo(a)pyrene	68.7J J	367	9.72	ug/Kg
205-99-2	Benzo(b)fluoranthene	222J J	367	6.80	ug/Kg
191-24-2	Benzo(g,h,i)perylene	367U u	367	9.73	ug/Kg
207-08-9	Benzo(k)fluoranthene	61.8J J	367	15.0	ug/Kg
218-01-9	Chrysene	49.9J ↓	367	8.59	ug/Kg
53-70-3	Dibenz(a,h)anthracene	124J ↓	367	9.28	ug/Kg
206-44-0	Fluoranthene	67.3J ↓	367	10.8	ug/Kg
86-73-7	Fluorene	367U u	367	9.44	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	115J J	367	15.6	ug/Kg
91-20-3	Naphthalene	367U u	367	10.7	ug/Kg
85-01-8	Phenanthrene	18.8J J	367	11.9	ug/Kg
129-00-0	Pyrene	103J J	367	11.5	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1640	1350	ug/Kg	82	33 - 116
321-60-8	2-Fluorobiphenyl	1640	1350	ug/Kg	82	30 - 118
1718-51-0	Terphenyl-d14	1640	1540	ug/Kg	94	26 - 135
4165-62-2	Phenol-d5	3280	2380	ug/Kg	73	25 - 117
367-12-4	2-Fluorophenol	3280	2640	ug/Kg	81	28 - 106
118-79-6	2,4,6-Tribromophenol	3280	2420	ug/Kg	74	17 - 120

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196602	HAAF 25/26-DIS-01-A-04	Solid	04/18/2006 14:00	04/19/2006 09:25

SW-846 8015B, DRO

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/20/2006 14:00	320771	3550B	1	04/21/2006 00:27	WAS	320905

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	39900 <i>J</i>	4460	3150	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1640	1440	ug/Kg	88	27 - 129

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196602	HAAF 25/26 DIS-01-A-04	Solid	04/18/2006 14:00	04/19/2006 09:25

SW-846 8015B, Gasoline

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	04/22/2006 21:39	PKB	321035

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	5280U	5280	1960	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-38-8	Bromochlorobenzene	1400	1270	ug/Kg	91	47 - 164

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196602	HAAP 25/26-DIS-01-A-04	Solid	04/19/2006 14:00	04/19/2006 09:26

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	04/20/2006 10:00	RLY	320776

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	11.6			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196603	HAAF 25/26-DIS-01-C-04	Solid	04/18/2006 14:00	04/19/2006 09:25

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	04/23/2006 18:06	AJV	321078

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	5.22U	5.22	0.109	ug/Kg
100-41-4	Ethylbenzene	5.22U	5.22	0.216	ug/Kg
108-88-3	Toluene	5.22U	5.22	0.575	ug/Kg
1330-20-7	Xylene (total)	10.4U	10.4	0.598	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
480-00-4	4-Bromofluorobenzene	46	41.3	ug/Kg	90	62 - 127
1868-53-7	Dibromofluoromethane	46	46.4	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	46	50.7	ug/Kg	110	71 - 132
17060-07-0	1,2-Dichloroethane-d4	46	42.4	ug/Kg	92	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196603	HAAP 25/26 DIS-01-C-04	Solid	04/18/2006 14:00	04/19/2006 09:25

8270C, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/20/2006 20:00	320772	3550B	1	04/23/2006 15:58	JAR3	321124

CAS#	Parameter	Result	RDL	MDL	Units
83-32-9	Acenaphthene	375U u	375	9.78	ug/Kg
208-96-8	Acenaphthylene	375U ↓	375	11.1	ug/Kg
120-12-7	Anthracene	375U ↓	375	10.7	ug/Kg
56-55-3	Benzo(a)anthracene	375U ↓	375	10.0	ug/Kg
50-32-8	Benzo(a)pyrene	16.3J J	375	9.94	ug/Kg
205-99-2	Benzo(b)fluoranthene	375U u	375	6.95	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.7J J	375	9.95	ug/Kg
207-08-9	Benzo(k)fluoranthene	16.7J J	375	15.4	ug/Kg
218-01-9	Chrysene	375U u	375	8.78	ug/Kg
53-70-3	Dibenz(a,h)anthracene	375U u	375	9.49	ug/Kg
206-44-0	Fluoranthene	19.4J J	375	11.0	ug/Kg
86-73-7	Fluorene	375U u	375	9.65	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	375U ↓	375	15.9	ug/Kg
91-20-3	Naphthalene	375U ↓	375	11.0	ug/Kg
85-01-8	Phenanthrene	375U ↓	375	12.2	ug/Kg
129-00-0	Pyrene	26.6J J	375	11.8	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1670	1440	ug/Kg	86	33 - 116
321-60-8	2-Fluorobiphenyl	1670	1430	ug/Kg	86	30 - 118
1718-51-0	Terphenyl-d14	1670	1290	ug/Kg	77	26 - 135
4165-62-2	Phenol-d5	3330	2480	ug/Kg	74	25 - 117
367-12-4	2-Fluorophenol	3330	2770	ug/Kg	83	28 - 106
118-79-6	2,4,6-Tribromophenol	3330	2180	ug/Kg	65	17 - 120

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196603	HAAF 25/26 DIS-01-C-04	Solid	04/18/2006 14:00	04/19/2006 09:25

SW-846 8015B, DRO

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/20/2006 14:00	320771	3550B	1	04/21/2006 02:04	WAS	320905

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	42700 <i>I</i>	4500	3180	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1650	1430	ug/Kg	87	27 - 129

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804196603	HAAP 25/26-DIS-01-C-04	Solid	04/18/2008 14:00	04/19/2008 09:25

SW-846 8015B, Gasoline

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	04/22/2008 21:59	PKB	321035

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	6530U <i>u</i>	6530	2420	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	1720	1640	ug/Kg	95	47 - 164

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196603	HAAF-25/26-DIS-01-C-04	Solid	04/18/2006 14:00	04/19/2006 09:25

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	04/20/2006 10:00	RLY	320776

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	12.0			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196604	HAAF-25/26-DIS-02-A-04	Solid	04/18/2006 14:20	04/19/2006 09:25

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	04/23/2006 18:26	AJV	321078

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	2.41J	4.93	0.103	ug/Kg
100-41-4	Ethylbenzene	13.0	4.93	0.204	ug/Kg
108-88-3	Toluene	25.6	4.93	0.542	ug/Kg
1330-20-7	Xylene (total)	66.9	9.86	0.564	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	43.5	40.9	ug/Kg	94	62 - 127
1868-53-7	Dibromofluoromethane	43.5	41.5	ug/Kg	95	65 - 130
2037-26-5	Toluene d8	43.5	48	ug/Kg	110	71 - 132
17060-07-0	1,2-Dichloroethane-d4	43.5	39.4	ug/Kg	91	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196604	HAAF 25/26-DIS-02-A-04	Solid	04/18/2006 14:20	04/19/2006 09:25

8270C, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/20/2006 20:00	320772	3550B	1	04/23/2006 16:14	JAR3	321124

CAS#	Parameter	Result	RDL	MDL	Units
83-32-9	Acenaphthene	370U u	370	9.66	ug/Kg
208-96-8	Acenaphthylene	370U ↓	370	10.9	ug/Kg
120-12-7	Anthracene	370U ↓	370	10.6	ug/Kg
56-55-3	Benzo(a)anthracene	37.8J J	370	9.88	ug/Kg
50-32-8	Benzo(a)pyrene	18.3J J	370	9.81	ug/Kg
205-99-2	Benzo(b)fluoranthene	370U u	370	6.87	ug/Kg
191-24-2	Benzo(g,h,i)perylene	370U u	370	9.82	ug/Kg
207-08-9	Benzo(k)fluoranthene	32.7J J	370	15.2	ug/Kg
218-01-9	Chrysene	33.6J J	370	8.67	ug/Kg
53-70-3	Dibenz(a,h)anthracene	370U u	370	9.37	ug/Kg
206-44-0	Fluoranthene	20.0J J	370	10.9	ug/Kg
86-73-7	Fluorene	370U u	370	9.53	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370U ↓	370	15.7	ug/Kg
91-20-3	Naphthalene	370U ↓	370	10.8	ug/Kg
85-01-8	Phenanthrene	370U ↓	370	12.0	ug/Kg
129-00-0	Pyrene	25.6J J	370	11.6	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1650	1280	ug/Kg	78	33 - 116
321-60-8	2-Fluorobiphenyl	1650	1290	ug/Kg	78	30 - 118
1718-51-0	Terphenyl-d14	1650	1300	ug/Kg	79	26 - 135
4165-62-2	Phenol-d5	3300	2440	ug/Kg	74	25 - 117
367-12-4	2-Fluorophenol	3300	2690	ug/Kg	82	28 - 106
118-79-6	2,4,6-Tribromophenol	3300	2050	ug/Kg	62	17 - 120

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196604	HAAF 25/26-DIS-02-A-04	Solid	04/18/2006 14:20	04/19/2006 09:25

SW-846 8015B, DRO

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/20/2006 14:00	320771	3550B	1	04/21/2006 02:36	WAS	320905

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	15700 J	4480	3160	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1640	1540	ug/Kg	94	27 - 129

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604198604	HAAF 25/26-DIS-02-A-04	Solid	04/18/2006 14:20	04/19/2006 09:25

SW-846 8015B, Gasoline

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	04/22/2006 22:19	PKB	321035

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	6080U <i>u</i>	6080	2260	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	1610	1560	ug/Kg	97	47 - 164

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196604	HAAF 25/26 DIS-02-A-04	Solid	04/18/2006 14:20	04/19/2006 09:25

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	04/20/2006 10:00	RLY	320776

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	11.8			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196605	HAAF 25/26-DIS-03-A-04	Solid	04/18/2006 14:40	04/19/2006 09:25

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	04/23/2006 18:47	AJV	321078

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	4.78U	4.78	0.099	ug/Kg
100-41-4	Ethylbenzene	4.78U	4.78	0.198	ug/Kg
108-88-3	Toluene	4.78U	4.78	0.526	ug/Kg
1330-20-7	Xylene (total)	9.56U	9.56	0.547	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	39.9	36	ug/Kg	90	62 - 127
1868-53-7	Dibromofluoromethane	39.9	35.1	ug/Kg	88	65 - 130
2037-26-5	Toluene d8	39.9	45.4	ug/Kg	114	71 - 132
17060-07-0	1,2-Dichloroethane-d4	39.9	32.9	ug/Kg	82	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196605	HAAF 25/26-DIS-03-A-04	Solid	04/18/2006 14:40	04/19/2006 09:25

8270C, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/20/2006 20:00	320772	3550B	1	04/23/2006 16:29	JAR3	321124

CAS#	Parameter	Result	RDL	MDL	Units
83-32-9	Acenaphthene	388U	388	10.1	ug/Kg
208-96-8	Acenaphthylene	388U	388	11.5	ug/Kg
120-12-7	Anthracene	388U	388	11.1	ug/Kg
56-55-3	Benzo(a)anthracene	388U	388	10.4	ug/Kg
50-32-8	Benzo(a)pyrene	388U	388	10.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	388U	388	7.20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	388U	388	10.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	388U	388	15.9	ug/Kg
218-01-9	Chrysene	388U	388	9.09	ug/Kg
53-70-3	Dibenz(a,h)anthracene	388U	388	9.82	ug/Kg
206-44-0	Fluoranthene	388U	388	11.4	ug/Kg
86-73-7	Fluorene	388U	388	9.99	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	388U	388	16.5	ug/Kg
91-20-3	Naphthalene	388U	388	11.4	ug/Kg
85-01-8	Phenanthrene	388U	388	12.6	ug/Kg
129-00-0	Pyrene	388U	388	12.2	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1640	1330	ug/Kg	81	33 - 116
321-60-8	2-Fluorobiphenyl	1640	1310	ug/Kg	80	30 - 118
1718-51-0	Terphenyl-d14	1640	1330	ug/Kg	81	26 - 135
4165-62-2	Phenol-d5	3280	2310	ug/Kg	70	25 - 117
367-12-4	2-Fluorophenol	3280	2600	ug/Kg	79	28 - 106
118-79-8	2,4,6-Tribromophenol	3280	2540	ug/Kg	77	17 - 120

RESULTS REPORTED ON A DRY WEIGHT BASIS

MSH 5/3/06

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196605	HAAP 25/26-DIS-03-A-04	Solid	04/18/2006 14:40	04/19/2006 09:25

SW-846 8015B, DRO

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/20/2006 14:00	320771	3550B	1	04/21/2006 03:08	WAS	320905

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	15800 J	4740	3340	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1650	1570	ug/Kg	95	27 - 129

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196605	HAAP 25/26-DIS-03-A-04	Solid	04/18/2006 14:40	04/19/2006 09:25

SW-846 8015B, Gasoline

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	04/22/2006 22:39	PKB	321035

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	5790U <i>u</i>	5790	2150	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	1450	1320	ug/Kg	91	47 - 164

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604198605	HAAF 25/26-DIS-03-A-04	Solid	04/18/2006 14:40	04/19/2006 09:25

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	04/20/2006 10:00	RLY	320776

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	16.4			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196606	HAAF 25/26-DIS-04-A-04	Solid	04/18/2006 15:00	04/19/2006 09:25

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	04/23/2006 19:08	AJV	321078

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	5.21U $\downarrow$	5.21	0.108	ug/Kg
100-41-4	Ethylbenzene	5.21U $\downarrow$	5.21	0.216	ug/Kg
108-88-3	Toluene	5.21U $\downarrow$	5.21	0.573	ug/Kg
1330-20-7	Xylene (total)	10.4U $\downarrow$	10.4	0.596	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	47	45.6	ug/Kg	97	62 - 127
1868-53-7	Dibromofluoromethane	47	40.7	ug/Kg	87	65 - 130
2037-26-5	Toluene d8	47	52.8	ug/Kg	112	71 - 132
17060-07-0	1,2-Dichloroethane-d4	47	38.9	ug/Kg	83	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604198606	HAAF 25/26-DIS-04-A-04	Solid	04/18/2006 15:00	04/19/2006 09:25

8270C, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/20/2006 20:00	320772	3550B	1	04/23/2006 16:44	JAR3	321124

CAS#	Parameter	Result	RDL	MDL	Units
83-32-9	Acenaphthene	361U μ	361	9.41	ug/Kg
208-96-8	Acenaphthylene	361U	361	10.7	ug/Kg
120-12-7	Anthracene	361U	361	10.3	ug/Kg
56-55-3	Benzo(a)anthracene	361U	361	9.63	ug/Kg
50-32-8	Benzo(a)pyrene	361U	361	9.56	ug/Kg
205-99-2	Benzo(b)fluoranthene	361U	361	6.69	ug/Kg
191-24-2	Benzo(g,h,i)perylene	361U	361	9.57	ug/Kg
207-08-9	Benzo(k)fluoranthene	361U	361	14.8	ug/Kg
218-01-9	Chrysene	361U	361	8.45	ug/Kg
53-70-3	Dibenz(a,h)anthracene	361U	361	9.13	ug/Kg
206-44-0	Fluoranthene	361U	361	10.6	ug/Kg
86-73-7	Fluorene	361U	361	9.28	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	361U	361	15.3	ug/Kg
91-20-3	Naphthalene	361U	361	10.6	ug/Kg
85-01-8	Phenanthrene	361U	361	11.7	ug/Kg
129-00-0	Pyrene	361U $\checkmark$	361	11.3	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1640	1290	ug/Kg	78	33 - 116
321-60-8	2-Fluorobiphenyl	1640	1350	ug/Kg	82	30 - 118
1718-51-0	Terphenyl-d14	1640	1420	ug/Kg	86	26 - 135
4165-62-2	Phenol-d5	3290	2340	ug/Kg	71	25 - 117
367-12-4	2-Fluorophenol	3290	2600	ug/Kg	79	28 - 106
118-79-6	2,4,6-Tribromophenol	3290	2120	ug/Kg	64	17 - 120

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196606	HAAF 25/26-DIS-04-A-04	Solid	04/18/2006 15:00	04/19/2006 09:25

SW-846 8015B, DRO

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/20/2006 14:00	320771	3550B	1	04/21/2006 03:40	WAS	320905

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	4070J J	4420	3120	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1660	1470	ug/Kg	88	27 - 129

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196606	HAAF 25/26-DIS-04-A-04	Solid	04/18/2006 15:00	04/19/2006 09:25

SW-846 8015B, Gasoline

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	04/22/2006 22:59	PKB	321035

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	5710U <i>u</i>	5710	2120	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	1550	1450	ug/Kg	94	47 - 164

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196606	HAAF 25/26-DIS-04-A-04	Solid	04/18/2006 15:00	04/19/2006 09:25

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	04/20/2006 10:00	RLY	320776

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	9.77			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196607	HAAP 25/26-LIQ-01-A-XX	Water	04/18/2006 12:30	04/19/2006 09:25

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			25	04/30/2006 18:42	RSS	321742

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	70.9J	125	5.63	ug/L
100-41-4	Ethylbenzene	179	125	5.68	ug/L
108-88-3	Toluene	266	125	5.33	ug/L
1330-20-7	Xylene (total)	1850	250	12.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1250	1300	ug/L	104	78 - 130
1868-53-7	Dibromofluoromethane	1250	1290	ug/L	103	77 - 127
2037-26-5	Toluene d8	1250	1290	ug/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	1250	1290	ug/L	103	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20804196607	HAAF 25/26-LIG-01-A-XX	Water	04/18/2006 12:30	04/19/2006 09:25

8270C, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/20/2006 16:00	320766	3510C	20	04/24/2006 10:09	JAR3	320886

CAS#	Parameter	Result	RDL	MDL	Units
83-32-9	Acenaphthene	200U <i>u</i>	200	4.38	ug/L
208-96-8	Acenaphthylene	200U <i>u</i>	200	5.15	ug/L
120-12-7	Anthracene	39.5J <i>J</i>	200	7.01	ug/L
58-55-3	Benzo(a)anthracene	200U <i>u</i>	200	4.11	ug/L
50-32-8	Benzo(a)pyrene	200U <i>u</i>	200	2.60	ug/L
205-99-2	Benzo(b)fluoranthene	200U <i>u</i>	200	4.88	ug/L
191-24-2	Benzo(g,h,i)perylene	200U <i>u</i>	200	3.98	ug/L
207-08-9	Benzo(k)fluoranthene	200U <i>u</i>	200	5.56	ug/L
218-01-9	Chrysene	200U <i>u</i>	200	6.23	ug/L
53-70-3	Dibenz(a,h)anthracene	200U <i>u</i>	200	5.75	ug/L
206-44-0	Fluoranthene	28.7J <i>J</i>	200	4.62	ug/L
86-73-7	Fluorene	163J <i>J</i>	200	4.61	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	200U <i>u</i>	200	4.80	ug/L
91-20-3	Naphthalene	304 <i>J</i>	200	4.21	ug/L
85-01-8	Phenanthrene	325 <i>J</i>	200	3.82	ug/L
129-00-0	Pyrene	59.8J <i>J</i>	200	4.67	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	DO	ug/L	0*	43 - 110
321-60-8	2-Fluorobiphenyl	50	DO	ug/L	0*	16 - 128
1718-51-0	Terphenyl-d14	50	DO	ug/L	0*	47 - 121
4165-62-2	Phenol-d5	100	DO	ug/L	0*	10 - 76
367-12-4	2-Fluorophenol	100	DO	ug/L	0*	24 - 96
118-79-6	2,4,6-Tribromophenol	100	DO	ug/L	0*	19 - 133

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196607	HAAF 25/26-L Q-01-A-XX	Water	04/18/2006 12:30	04/19/2006 09:25

SW-846 8015B, DRO

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
04/22/2006 08:30	320916	3510C	100	04/24/2006 17:22	WAS	321144

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	92800	15000	7930	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	DO	ug/L	0*	27 - 129

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20604196607	HAAP 25/26-LIG-01-A-XX	Water	04/18/2006 12:30	04/19/2006 09:25

SW-846 8015B, Gasoline

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	04/22/2006 17:39	PKB	321012

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	184000 J	5000	2420	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	1500	2030	ug/L	135	49 - 136



TRANSMITTAL LETTER Chemistry Services

TO: Michael Healy
mhealy@cape-inc.com

Date: May 22, 2006

Project/Task Hunter Army Airfield

FROM: Michael Houck
mhouck@cape-inc.com

CC: Christelle Newsome
cnewsome@cape-inc.com

We are transmitting herewith the following:

- | | |
|---|---|
| ☐ Original Analytical Data (hardcopy/CD) | ☐ Quality Assurance Report (QAR) |
| ☒ Laboratory reports – Annotated Form 1s only | ☐ SAP/QAPP |
| ☐ EDDs | ☐ Cost Summary |
| ☐ For your use | |
| ☐ Revise and resubmit | |
| ☐ No exception taken | |
| ☐ Make corrections needed | |

# COPIES	DESCRIPTION
1	Preliminary results for samples collected at Hunter AAF on 5/02/2006
	GCAL Lab SDG 2060050531

Comments: Results compared to GUST Tables A and B *Soil Threshold Levels* and GA EPD Chapter 391-3-

19 Hazardous Site Response Section 07 Risk Reduction Standards part 6(c), Appendix I Table 1 and Appendix III Table 2. There are no exceedances of screening criteria. However, BTEX run at 50 fold and 100 dilutions due to elevated non-target analyte background. Benzene reported as a non-detect above the screening criteria.

DRO detects in all samples ranging from 313 ppm to 663 ppm. Please see the attached data for your preliminary data use and review. Note, the data has not undergone the full CAPE comprehensive data quality assessment and is subject to change as a result of laboratory quality control exceptions applied during the validation process.

Enclosed Results are Approved for Quality Assurance Release by: Michael Houck 5/22/06.

Project Hunter AAF

Number #: 40006.013.002.006

302 Parklake Drive
Atlanta, GA 30345-2907

NATIONALLY RECOGNIZED BY CLIENTS FOR SUPERIOR SERVICE

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 05/15/2006

GCAL Report 206050531



Deliver To CAPE Environmental
2302 Parklake Dr
Suite 200
Atlanta, GA 30345
678-287-1358

Attn Christelle Newsome

Customer CAPE Environmental

Project Hunter Army Air Field

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 206050531

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053101	HAAF 25/26-PIP-01-A-04	Solid	05/02/2006 07:40	05/05/2006 09:30
20605053102	HAAF 25/26-PIP-02-A-04	Solid	05/02/2006 07:50	05/05/2006 09:30
20605053103	HAAF 25/26-PIP-03-A-04	Solid	05/02/2006 08:00	05/05/2006 09:30
20605053104	HAAF 25/26-PIP-04-A-04	Solid	05/02/2006 08:10	05/05/2006 09:30
20605053105	HAAF 25/26-UST-02-A-07	Solid	05/02/2006 08:30	05/05/2006 09:30

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053101	HAAF 25/26-PIP-01-A-04	Solid	05/02/2006 07:40	05/05/2006 09:30

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	05/07/2006 01:16	VWM	322354

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	326U μ	326	6.77	ug/Kg
100-41-4	Ethylbenzene	326U	326	13.5	ug/Kg
108-88-3	Toluene	326U	326	35.8	ug/Kg
1330-20-7	Xylene (total)	651U $\downarrow$	651	37.3	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2930	2860	ug/Kg	98	62 - 127
1868-53-7	Dibromofluoromethane	2930	2820	ug/Kg	96	65 - 130
2037-26-5	Toluene d8	2930	3490	ug/Kg	119	71 - 132
17060-07-0	1,2-Dichloroethane-d4	2930	2790	ug/Kg	95	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053101	HAAF 25/26 PIP-01-A-04	Solid	05/02/2006 07:40	05/05/2006 09:30

8270C, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
05/10/2006 12:00	322410	3550B	1	05/10/2006 15:41	MJJ	322644

CAS#	Parameter	Result	RDL	MDL	Units
83-32-9	Acenaphthene	366U	366	9.54	ug/Kg
208-96-8	Acenaphthylene	366U	366	10.8	ug/Kg
120-12-7	Anthracene	366U	366	10.5	ug/Kg
56-55-3	Benzo(a)anthracene	21.7J	366	9.76	ug/Kg
50-32-8	Benzo(a)pyrene	366U	366	9.69	ug/Kg
205-99-2	Benzo(b)fluoranthene	17.8J	366	6.78	ug/Kg
191-24-2	Benzo(g,h,i)perylene	366U	366	9.70	ug/Kg
207-08-9	Benzo(k)fluoranthene	366U	366	15.0	ug/Kg
218-01-9	Chrysene	21.7J	366	8.56	ug/Kg
53-70-3	Dibenz(a,h)anthracene	366U	366	9.25	ug/Kg
206-44-0	Fluoranthene	102J	366	10.8	ug/Kg
86-73-7	Fluorene	366U	366	9.41	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.4J	366	15.6	ug/Kg
91-20-3	Naphthalene	366U	366	10.7	ug/Kg
85-01-8	Phenanthrene	199J	366	11.9	ug/Kg
129-00-0	Pyrene	388	366	11.5	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1660	1370	ug/Kg	82	33 - 118
321-60-8	2-Fluorobiphenyl	1660	1390	ug/Kg	84	30 - 118
1718-51-0	Terphenyl-d14	1660	1590	ug/Kg	96	26 - 135
4165-62-2	Phenol-d5	3320	2760	ug/Kg	83	25 - 117
367-12-4	2-Fluorophenol	3320	2770	ug/Kg	83	28 - 106
118-79-6	2,4,6-Tribromophenol	3320	2840	ug/Kg	85	17 - 120

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053101	HAAF-25/26-PIP-01-A-04	Solid	05/02/2006 07:40	05/05/2006 09:30

SW-846 8015B, DRO

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
05/09/2006 16:30	322409	3650B	10	05/10/2006 10:43	SMH	322630

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	663000	44500	31400	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1670	DO	ug/Kg	0*	27 - 129

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053101	HAAF 25/26-PIP-01-A-04	Solid	05/02/2006 07:40	05/05/2006 09:30

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2006 17:05	RLY	322337

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	10.1			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053102	HAAF 25/26-PIP-02-A-04	Solid	05/02/2006 07:50	05/05/2006 09:30

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	05/07/2006 01:39	VWM	322354

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	271U μ	271	5.63	ug/Kg
100-41-4	Ethylbenzene	271U	271	11.2	ug/Kg
108-88-3	Toluene	271U	271	29.8	ug/Kg
1330-20-7	Xylene (total)	541U	541	31.0	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2440	2710	ug/Kg	111	62 - 127
1868-53-7	Dibromofluoromethane	2440	2260	ug/Kg	93	65 - 130
2037-26-5	Toluene d8	2440	2820	ug/Kg	116	71 - 132
17060-07-0	1,2-Dichloroethane-d4	2440	2050	ug/Kg	84	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053102	HAAF 25/26-PIP-02-A-04	Solid	05/02/2006 07:50	05/05/2006 09:30

8270C, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
05/10/2006 12:00	322410	3550B	1	05/10/2006 15:56	MJJ	322644

CAS#	Parameter	Result	RDL	MDL	Units
83-32-9	Acenaphthene	365U u	365	9.51	ug/Kg
208-96-8	Acenaphthylene	365U ↓	365	10.8	ug/Kg
120-12-7	Anthracene	365U ↓	365	10.4	ug/Kg
56-55-3	Benzo(a)anthracene	10.6J J	365	9.73	ug/Kg
50-32-8	Benzo(a)pyrene	365U u	365	9.66	ug/Kg
205-99-2	Benzo(b)fluoranthene	8.09J J	365	6.76	ug/Kg
191-24-2	Benzo(g,h,i)perylene	365U u	365	9.67	ug/Kg
207-08-9	Benzo(k)fluoranthene	365U u	365	14.9	ug/Kg
218-01-9	Chrysene	12.2J J	365	8.53	ug/Kg
53-70-3	Dibenz(a,h)anthracene	365U u	365	9.22	ug/Kg
206-44-0	Fluoranthene	365U ↓	365	10.7	ug/Kg
86-73-7	Fluorene	365U ↓	365	9.38	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	365U ↓	365	15.5	ug/Kg
91-20-3	Naphthalene	365U ↓	365	10.7	ug/Kg
85-01-8	Phenanthrene	365U J	365	11.9	ug/Kg
129-00-0	Pyrene	162J J	365	11.4	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1660	1350	ug/Kg	81	33 - 116
321-60-8	2-Fluorobiphenyl	1660	1450	ug/Kg	87	30 - 118
1718-51-0	Terphenyl-d14	1660	1640	ug/Kg	99	26 - 135
4165-62-2	Phenol-d5	3320	2730	ug/Kg	82	25 - 117
367-12-4	2-Fluorophenol	3320	2690	ug/Kg	81	28 - 106
118-79-6	2,4,6-Tribromophenol	3320	2530	ug/Kg	76	17 - 120

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053102	HAAF 25/26 PIP-02-A-04	Solid	05/02/2006 07:50	05/05/2006 09:30

SW-846 8015B, DRO

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
05/09/2006 16:30	322409	3550B	5	05/10/2006 11:39	SMH	322630

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	318000	22100	15600	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1660	1720	ug/Kg	104	27 - 129

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053102	HAAF 25/26-PIP-02-A-04	Solid	05/02/2006 07:50	05/05/2006 09:30

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2006 17:05	RLY	322337

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	9.80			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053103	HAAF 25/26 PIP 03-A-04	Solid	05/02/2006 08:00	05/05/2006 09:30

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	05/07/2006 02:01	VWM	322354

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	262U	262	5.46	ug/Kg
100-41-4	Ethylbenzene	262U	262	10.9	ug/Kg
108-88-3	Toluene	262U	262	28.9	ug/Kg
1330-20-7	Xylene (total)	525U	525	30.0	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2410	2770	ug/Kg	115	62 - 127
1868-53-7	Dibromofluoromethane	2410	Q	ug/Kg	89	65 - 130
2037-26-5	Toluene d8	2410	2850	ug/Kg	118	71 - 132
17060-07-0	1,2-Dichloroethane-d4	2410	Q	ug/Kg	80	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053103	HAAF 25/26-PIP-03-A-04	Solid	05/02/2006 08:00	05/05/2006 09:30

8270C, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
05/10/2006 12:00	322410	3550B	1	05/10/2006 16:11	MJJ	322644

CAS#	Parameter	Result	RDL	MDL	Units
83-32-9	Acenaphthene	359U u	359	9.37	ug/Kg
208-96-8	Acenaphthylene	359U ↓	359	10.6	ug/Kg
120-12-7	Anthracene	359U ↓	359	10.3	ug/Kg
56-55-3	Benzo(a)anthracene	27.4J J	359	9.59	ug/Kg
50-32-8	Benzo(a)pyrene	13.9J J	359	9.52	ug/Kg
205-99-2	Benzo(b)fluoranthene	21.9J J	359	6.66	ug/Kg
191-24-2	Benzo(g,h,i)perylene	359U u	359	9.53	ug/Kg
207-08-9	Benzo(k)fluoranthene	359U u	359	14.7	ug/Kg
218-01-9	Chrysene	30.5J J	359	8.41	ug/Kg
53-70-3	Dibenz(a,h)anthracene	359U u	359	9.09	ug/Kg
206-44-0	Fluoranthene	111J J	359	10.6	ug/Kg
86-73-7	Fluorene	359U u	359	9.25	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.5J J	359	15.3	ug/Kg
91-20-3	Naphthalene	359U u	359	10.5	ug/Kg
85-01-8	Phenanthrene	502	359	11.7	ug/Kg
129-00-0	Pyrene	390	359	11.3	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1670	1350	ug/Kg	81	33 - 116
321-60-8	2-Fluorobiphenyl	1670	1400	ug/Kg	84	30 - 118
1718-51-0	Terphenyl-d14	1670	1550	ug/Kg	93	26 - 135
4165-62-2	Phenol-d5	3330	2720	ug/Kg	82	25 - 117
367-12-4	2-Fluorophenol	3330	2680	ug/Kg	80	28 - 106
118-79-6	2,4,6-Tribromophenol	3330	2730	ug/Kg	82	17 - 120

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053103	HAAF 25/26-PIP-03-A-04	Solid	05/02/2006 08:00	05/05/2006 09:30

SW-846 8015B, DRO

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
05/09/2006 16:30	322409	3550B	10	05/10/2006 11:58	SMH	322630

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	629000	43400	30600	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1660	DO	ug/Kg	0*	27 - 129

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053103	HAAF 25/26-PIP-03-A-04	Solid	05/02/2006 08:00	05/05/2006 09:30

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2006 17:05	RLY	322337

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	8.20			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053104	HAAF 25/26-PIP-04-A-04	Solid	05/02/2006 08:10	05/05/2006 09:30

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	05/07/2006 02:24	VWM	322354

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	246U	246	5.13	ug/Kg
100-41-4	Ethylbenzene	246U	246	10.2	ug/Kg
108-88-3	Toluene	246U	246	27.1	ug/Kg
1330-20-7	Xylene (total)	493U	493	28.2	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2220	Q	ug/Kg	119	62 - 127
1868-53-7	Dibromofluoromethane	2220	Q	ug/Kg	89	65 - 130
2037-26-5	Toluene d8	2220	Q	ug/Kg	121	71 - 132
17060-07-0	1,2-Dichloroethane-d4	2220	Q	ug/Kg	78	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053104	HAAF 25/26-PIP-04-A-04	Solid	05/02/2006 08:10	05/05/2006 09:30

8270C, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
05/10/2006 12:00	322410	3550B	1	05/10/2006 16:26	MJJ	322644

CAS#	Parameter	Result	RDL	MDL	Units
83-32-9	Acenaphthene	364U u	364	9.49	ug/Kg
208-96-8	Acenaphthylene	364U ↓	364	10.7	ug/Kg
120-12-7	Anthracene	364U J	364	10.4	ug/Kg
56-55-3	Benzo(a)anthracene	11.8J J	364	9.70	ug/Kg
50-32-8	Benzo(a)pyrene	364U u	364	9.64	ug/Kg
205-99-2	Benzo(b)fluoranthene	7.62J J	364	6.74	ug/Kg
191-24-2	Benzo(g,h,i)perylene	364U u	364	9.65	ug/Kg
207-08-9	Benzo(k)fluoranthene	364U u	364	14.9	ug/Kg
218-01-9	Chrysene	9.32J J	364	8.52	ug/Kg
53-70-3	Dibenz(a,h)anthracene	364U u	364	9.20	ug/Kg
206-44-0	Fluoranthene	33.4J J	364	10.7	ug/Kg
86-73-7	Fluorene	364U u	364	9.36	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	364U ↓	364	15.5	ug/Kg
91-20-3	Naphthalene	364U J	364	10.6	ug/Kg
85-01-8	Phenanthrene	41.8J J	364	11.8	ug/Kg
129-00-0	Pyrene	155J J	364	11.4	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1660	1060	ug/Kg	64	33 - 116
321-60-8	2-Fluorobiphenyl	1660	1200	ug/Kg	72	30 - 118
1718-51-0	Terphenyl-d14	1660	1360	ug/Kg	82	26 - 135
4165-62-2	Phenol-d5	3310	2260	ug/Kg	68	25 - 117
367-12-4	2-Fluorophenol	3310	2250	ug/Kg	68	28 - 106
118-79-6	2,4,6-Tribromophenol	3310	2160	ug/Kg	65	17 - 120

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053104	HAAF 25/28-PIP-04-A-04	Solid	05/02/2006 08:10	05/05/2006 09:30

SW-846 8015B, DRO

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
05/09/2006 16:30	322409	3550B	5	05/10/2006 12:17	SMH	322630

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	313000	22000	15600	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1660	2100	ug/Kg	127	27 - 129

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053104	HAAF 25/26-PIP-04-A-04	Solid	05/02/2006 08:10	05/05/2006 09:30

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2006 17:05	RLY	322337

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	9.89			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053105	HAAP 25/26 UST-02-A-07	Solid	05/02/2006 08:30	05/05/2006 09:30

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	05/07/2006 02:47	VWM	322354

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	278U μ	278	5.79	ug/Kg
100-41-4	Ethylbenzene	278U	278	11.5	ug/Kg
108-88-3	Toluene	278U	278	30.6	ug/Kg
1330-20-7	Xylene (total)	557U $\downarrow$	557	31.9	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2510	Q	ug/Kg	121	62 - 127
1868-53-7	Dibromofluoromethane	2510	Q	ug/Kg	89	65 - 130
2037-26-5	Toluene d8	2510	Q	ug/Kg	122	71 - 132
17060-07-0	1,2-Dichloroethane-d4	2510	Q	ug/Kg	75	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053105	HAAF 25/26-UST-02-A-07	Solid	05/02/2006 08:30	05/05/2006 09:30

8270C, SemiVolatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
05/10/2006 12:00	322410	3550B	1	05/10/2006 16:41	MJJ	322644

CAS#	Parameter	Result	RDL	MDL	Units
83-32-9	Acenaphthene	366U u	366	9.55	ug/Kg
208-96-8	Acenaphthylene	366U	366	10.8	ug/Kg
120-12-7	Anthracene	366U ↓	366	10.5	ug/Kg
56-55-3	Benzo(a)anthracene	16.2J J	366	9.77	ug/Kg
50-32-8	Benzo(a)pyrene	366U u	366	9.70	ug/Kg
205-99-2	Benzo(b)fluoranthene	14.6J J	366	6.79	ug/Kg
191-24-2	Benzo(g,h,i)perylene	366U u	366	9.71	ug/Kg
207-08-9	Benzo(k)fluoranthene	366U u	366	15.0	ug/Kg
218-01-9	Chrysene	16.3J J	366	8.57	ug/Kg
53-70-3	Dibenz(a,h)anthracene	366U u	366	9.26	ug/Kg
206-44-0	Fluoranthene	76.1J J	366	10.8	ug/Kg
86-73-7	Fluorene	366U u	366	9.42	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.8J J	366	15.6	ug/Kg
91-20-3	Naphthalene	366U u	366	10.7	ug/Kg
85-01-8	Phenanthrene	163J J	366	11.9	ug/Kg
129-00-0	Pyrene	308J J	366	11.5	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1670	1480	ug/Kg	89	33 - 116
321-60-8	2-Fluorobiphenyl	1670	1460	ug/Kg	88	30 - 118
1718-51-0	Terphenyl-d14	1670	1530	ug/Kg	92	26 - 135
4165-62-2	Phenol-d5	3330	2780	ug/Kg	83	25 - 117
367-12-4	2-Fluorophenol	3330	2860	ug/Kg	86	28 - 106
118-79-6	2,4,6-Tribromophenol	3330	2690	ug/Kg	81	17 - 120

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053106	HAAF 25/26 UST-A-07	Solid	05/02/2006 08:30	05/05/2006 09:30

SW-846 8015B, DRO

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
05/09/2006 16:30	322409	3550B	10	05/10/2006 12:35	SMH	322630

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	606000	44200	31200	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1660	DO	ug/Kg	0*	27 - 129

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20605053105	HAAF 25/26-UST-A-07	Solid	05/02/2006 08:30	05/05/2006 09:30

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2006 17:05	RLY	322337

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	9.86			%

RESULTS REPORTED ON A DRY WEIGHT BASIS