

INTERIM MEASURES REPORT CONTRACT NO. DACA21-97-C-0042 FIRE TRAINING AREA HUNTER AAF, GEORGIA

AND

APPENDIX I

APPENDIX II

SECTION!

- Confirmation soil sample Lab. Reports

SECTIONS

- Daily Chemical Quality Control Report forms - DA/QC Sauple ID Table



May 18, 1998

Mr. Doug Driver, Senior Project Manager Omega Environmental Services, Inc. 4661 Hammermill Road, Suite B Tucker, Georgia 30084

SUBJECT:

Interim Measures Report
Fire Training Area Project
Hunter Army Airfield, Georgia
Contract # DACA21-97-C-0042
Geosciences Job No. MCE-97-626

Dear Mr. Driver:

Geosciences, Inc. is pleased to present this Interim Measures Report for the above referenced site. This report includes seven Appendices in nine notebooks. The report is intended to summarize the activities accomplished and the findings developed under this contract.

Geosciences appreciates the opportunity to provide these services to you. If there are any questions concerning the contents or conclusions of the report, please do not hesitate to call our office, (912)757-1606.

Very Truly Yours, GEOSCIENCES, INC.

Kar David Price

Environmental Specialist

Travis A. Sheppard, R.E.H.S. Environmental Health Specialist

Ga. Reg. # 224

Zhomas E. Driver, P.E.

Senior Engineer Ga. Reg. # 17394

TAS/TED/tas

Attachments



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1.0 EXECUTIVE SUMMARY

This Interim Measures Report summarizes the activities accomplished and findings developed for work associated with the Source Removal Action at the Fire Training Area Project, Hunter Army Airfield, contract # DACA21-97-C-0042. The project was conducted by Omega Environmental Services, Inc. (OES), 4661 Hammermill Rd. Suite B, Tucker, Georgia 30084, under the direction of the Savannah District Corps of Engineers (COE), Fort Stewart Area Office, P.O. Box 558, Hinesville, Georgia 31310-0558. The Administrative Contracting Officer for the project was Kesavanath Vadlamani, P.E.

The project site is located just northwest of the tarmac off Strachan Road at Hunter Army Airfield (see Figures 1 and 2, Appendix I). The Fire Training Area consisted of a 6400 square foot, curbed, soil covered concrete pad with a simulated steel aircraft. A concrete oil/water separator sump was adjacent to the concrete pad. Approximately 100 feet north of the simulated aircraft was a bermed area with concrete cradles which formally accommodated a 17,000 gallon above ground fuel storage tank (AST). A smaller aluminum AST was situated just east of the berm (see Figure 4, Appendix I).

Soil and groundwater at the Hunter Fire Training Area were reportedly contaminated due to releases of petroleum which occurred during fire training exercises. Environmental assessment work has been conducted at the site for approximately 8 years, including soil and groundwater sampling performed by Law Engineering and Environmental Services (LAW). The assessments indicated that soils and groundwater at the site were contaminated with petroleum hydrocarbons, Volatile Organic Compounds (VOCs), Semivolatile Organic Compounds (SVOCs), and potentially metals.

The intent of the Interim Measures was to remove and properly dispose of the ASTs, mock aircraft with associated foundations and piping; the concrete fire training pad and cover soils; a concrete oil/water separator sump and appurtenances; and, soil according to the lines and grades indicated on the contract drawings, SOURCE REMOVAL ACTION - FIRE TRAINING AREA, File No. 123-90-01. The excavation limits are indicated herein on Figure 4, Appendix I.

OES retained Geosciences, Inc. to perform field sampling of environmental media, provide immunoassay screening of soils, and compile data for preparation of the Interim Measures Report. Primary laboratory services were provided by Accura Analytical Laboratory, 6017 Financial Drive, Norcross, Georgia 30071. Professional survey services were provided by EMC Engineering Services, Inc., 23 East Charlton Street, Savannah, Georgia 31412. The primary off-site disposal facility for solid waste streams produced during the project was Soil Safe Technologies, Inc., 10341 Hwy 80 East, Brooklet, Georgia 30415. The primary off-site disposal facility for liquid waste streams was Georgia Petroleum, Inc., 1612 James P. Rogers Circle, Valdosta, Georgia 31601. Hazardous waste generated during the project was received by Fisher Industrial Service, Webster Chapel Road, Glencoe, Alabama 35905. Density tests on backfill soil were performed by Whitaker Laboratory Inc., Savannah, Georgia.



The Interim Measures were completed in accordance with the project specification. Site observations and analytical data developed under the project indicates that contamination remains at the site at levels which may continue to add contaminants to soil, water, or air, or that may continue to expand in area, or impact a greater volume of soil.

2.0 PROJECT SUMMARY

This project summary is compiled from site observations and review of Daily Construction Reports and Daily Quality Control Reports (see Appendices V and VI). The site set-up is depicted on the Base Map drawing, Figure 3, Appendix I.

It should be noted that the daily reports indicated frequent rain delays during the project. Stockpiled soils were covered with plastic and bermed. The excavation was also lined with plastic to help reduce the amount of contaminated water generated resulting from rainwater contact with contaminated soils.

The project generated 9,430.04 tons of contaminated soils; 233.55 tons of demolished concrete debris (see Section 8, Appendix III); 81,906 gallons of waste water (see Section 9, Appendix III); 7 drums of nonhazardous waste; and, 1 drum of hazardous waste (see section 10, Appendix III). Certificates of disposal for the scrapped metal tanks and equipment are included in Section 6, Appendix III.

A chronological summary of pertinent site activities is as follows:

- Set-up of decontamination pad, perimeter fence, exclusion zone, and silt control.

 Utilities location.
- 12-11-97 Cleaning of simulated aircraft, aluminum tank and lines. Contents placed into 55-gallon drums. Two samples collected for analytical testing.
- 12-16-97 Demolition of aluminum tank. Scrape and consolidate soil on concrete pad.
- 12-17-97 Cut up tanks and excavate soil on pad. Stockpile soil.
- 12-18-97 Completed removal and stockpiling of soil on top of concrete pad and completed tank scrapping. Began clean-out of sump. Sampled stockpiled soil and demolished concrete.
- 12-19-97 Completed decontamination of concrete pad and sump pit structure.
- 1-6-98 Loaded and hauled scrap metal to recycle facility. Began demolition of the concrete pad. Began to excavate lines.





1-7-98	Continued demolition of the concrete pad. Checked the site monitoring wells. Approximately 2.14 feet of free product noted in MW-7. The water and free product measurements were provided in a submittal (see Appendix V, January 7, 1998).
1-12-98	Utilities excavated. Approximately 400 cubic yards of soil stockpiled. Heap samples collected.
1-13-98	All demolished concrete hauled out, approximately 16 truck loads. Continued excavation of soil, approximately 550 cubic yards.
1-20-98	Loadout 54 truck loads of soil. Pit water and free product noted in excavation.
1-21-98	Loadout 50 truck loads of soil. Heap samples collected.
1-22-98	Loadout 21 truck loads of soil.
1-26-98	Loadout 54 truck loads of soil.
1-28-98	Wastewater samples collected and submitted to laboratory.
1-29-98	Pumped approximately 17,000 to 18,000 gallons of wastewater from the excavation. Samples collected.
1-30-98	Removed water and recovered free product from the excavation.
2-5-98	Loadout 47 truck loads of stockpiled soil.
2-12-98	Excavated and stockpiled approximately 600 cubic yards of soil and skimmed free product off the pit water.
2-13-98	Loadout 52 truck loads of soil. Excavated and stockpiled approximately 300 cubic yards. Began grid layout and immunoassay screening.
2-17-98	Approximately 24,800 gallons of wastewater hauled out from holding tank. Excavated and stockpiled 250 to 300 cubic yards of soil.
2-18-98	Loadout 46 truck loads of soil. Excavated and stockpiled approximately 400 cubic yards. Continued immunoassay screening. QA/QC samples submitted to the laboratories.
2-19-98	Loadout 58 truck loads of soil.
2-20-98	Loadout 52 truck loads of soil.



2-23-98	Loadout 58 truck loads of soil, and continued free product removal.
2-24-98	Loadout 36 truck loads of soil. Recovered approximately 200 gallons of free product from the excavation. Loadout approximately 400 gallons of free product. Continued Immunoassay screening and QC analytical submittals.
2-25-98	Loadout 17 truck loads of soil. Surveyors began placing sampling grid and calculating soil volumes.
2-26-98	Began confirmation soil sampling.
2-27 - 98	Removal of water and free product from excavation to on-site storage tank.
3-2-98	Approximately 40,000 gallons of waste water pumped from excavation. Loadout of two tankers of wastewater.
3-3-98	All pit water removed. Began preparing the excavation for backfilling. Remaining confirmation soil samples shipped to the laboratories.
3-4-98	Hauled in 117 truck loads of backfill. Loadout 2 tankers of pit water.
3-5-98	Hauled in 163 truck loads of backfill and compaction.
3-6-98	Hauled in 69 truck loads of backfill and compaction.
3-9-98	Cleaned water holding tank.
3-10-98	Hauled in 132 truck loads of backfill and compaction. Loadout 1 hazardous waste drum.
3-12-98	8 Site restoration.
3-13-9	Hauled out approximately 13,000 gallons of waste water and 1 truck load of soil.
3-16-9	Placed 31 truck loads of top soil and continued site restoration.
3-20-9	8 EMC Engineering submitted the final survey.
3-23-9	8 Hydro-seeding.
3_27_9	8 Demobilization from the site.

3.0 CONFIRMATION SOIL SAMPLING

After completing the excavation to the lines and grades indicated by the contract, confirmatory soil samples were collected for analytical testing. The confirmatory sampling rationale, which was determined by the contract, was an alpha-numeric systematic grid. This system involves collecting samples at predetermined, regular intervals within a grid pattern. The sample location identification numbers are depicted on Figure 6, Appendix I.

The soil samples were submitted to Accura Analytical Laboratory for analytical testing of TCLP metals, PAHs, BTEX, Organochlorine Pesticides, PCBs, and TPH (DRO). Quality Control (QC) and Quality Assurance (QA) duplicates/splits were collected at about a 10% frequency. Copies of the laboratory reports and chain of custody forms are presented in Section 1, Appendix II. The QA/QC Identification Table, completed in the field based on the actual samples taken, is included in Section 2, Appendix II.

The confirmation soil sampling results which exceeded the reported detection limits are presented in tabular format in Appendix I. The results are compared to Notification Concentrations (NCs) for soil listed in Georgia's Rules for Hazardous Site Response, Chapter 391-3-19. Results exceeding HSRA NCs are highlighted in red. The analytical results of approximately 25 of the 53 sample locations exceeded an NC for at least one of the constituents tested.

It also should be noted that two of the sample locations, EW-L8-b and EB-L5 exceeded 10,000 ppm for TPH.

3.1 QUALITY ASSURANCE/QUALITY CONTROL

The sampling and data-gathering methods used on this project, including quality assurance and quality control protocols, were conducted in substantial accordance with the approved Sampling and Analysis Plan (SAP) and/or instructions from the COE. There were overlapping QA/QC efforts conducted during this project to ensure data quality objectives. Daily Chemical Quality Control Report forms are provided in Section 2, Appendix II. Daily Quality Control reports are presented in Appendix VI.

4.0 CONCLUSIONS

Omega Environmental Services, Inc. has completed the Interim Measures, Source Removal Action at the Fire Training Area project, Hunter Army Airfield, Georgia, in accordance with contract # DACA21-97-C-0042. The excavation of contaminated soils was completed to the lines and grades presented in the contract drawings, File No. 123-90-01. Waste streams generated during the project have been properly disposed or recycled as indicated by the copies of manifests herein. The site has been backfilled, compacted, and restored with topsoil and hydo-seeded.



Based on Geosciences observations, the immunoassay screening, and analytical data presented in this report, soil and groundwater contamination apparently remains at the site beyond the limits of the excavation efforts conducted for this Interim Measure. Nearly 85% of the immunoassay screening results exceeded the highest control reference used, 592 ppm. Nearly 50% of the soil confirmation sample locations yielded results exceeding an NC under HSRA. Free product was observed in the excavation and in an assumed down gradient monitoring well, MW-7.

For these reasons, it may be concluded that a release has occurred at the site which continues to add contaminants to soil, water, or air, or that continues to expand in area, despite the completion of the Interim Measures.

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Fire Training Area Contract No. DACA21-97-C-0042 Hunter AAF, Georgia

BDL = Below Detection Limits

Values in parts-per-million (ppm)

HSRA Thresholds correspond to levels presented in "Regulated Substances and Soil Concentrations that Trigger Notification," Appendix I of Georgia's Rules for Hazardous Site Response, Chapter 391-3-19. Results exceeding HSRA Thresholds are highlighted in red. * HSRA does not list a specific regulatory limit or threshold for TPH. However, the Georgia Environmental Protection Division (EPD) Underground Storage Tank Management Program (USTMP) requires analytical testing of groundwater if TPH in soil is not vertically delineated to BDL above the groundwater table. Also, EPD considers a TPH result greater than 10,000 ppm as indicative of free product.

** HSRA does not list specific regulatory limits for these constituents. However, releases of these constituents may be regulated by EPD on a case-by-case basis under broader authorities of Georgia's Rules and Regulations for Water Quality Control, Chapter 391-3-6, or other EPD Programs. Contract No. DACA21-97-C-0042

Fire Training Area

Hunter AAF, Georgia

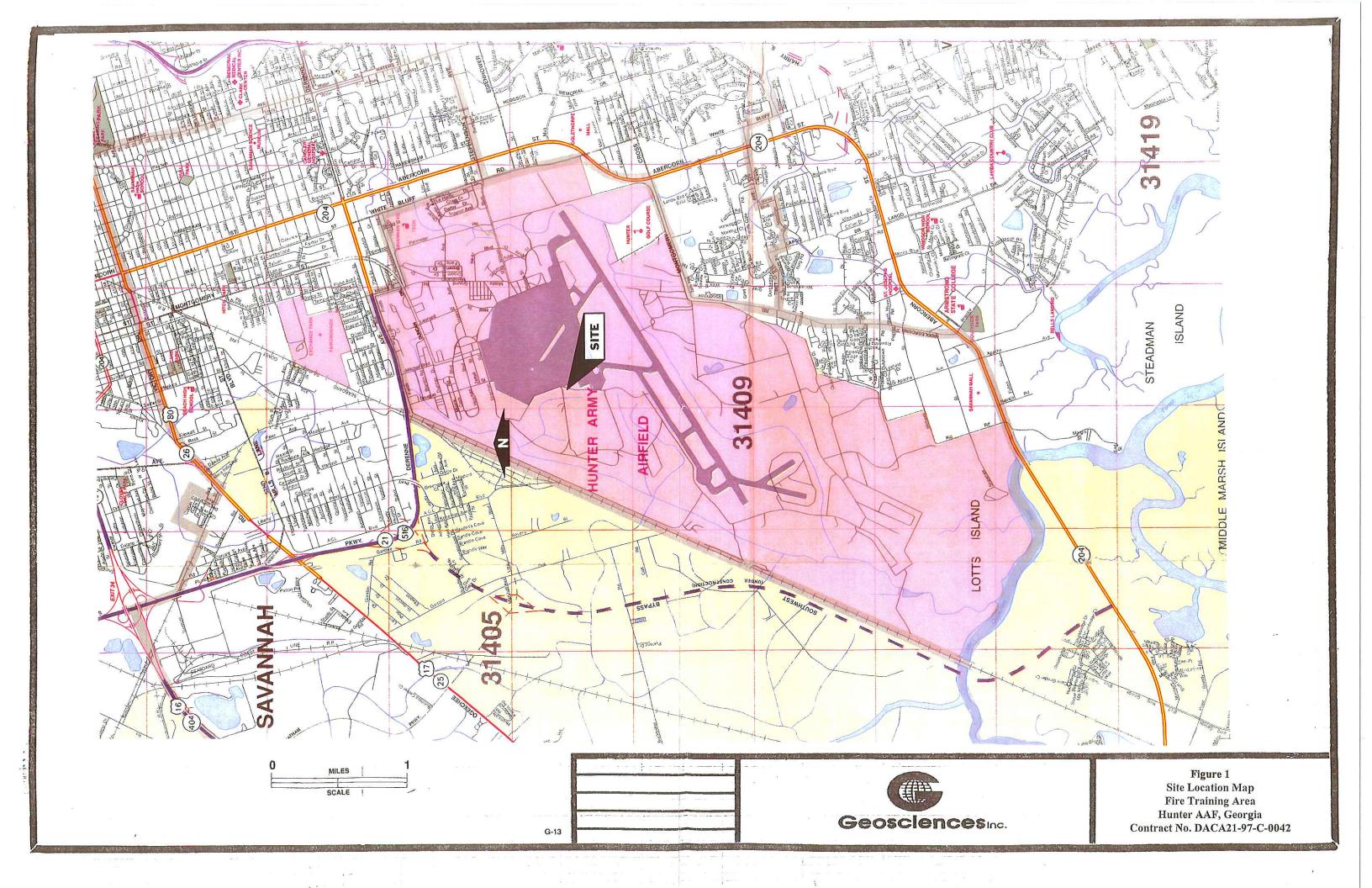
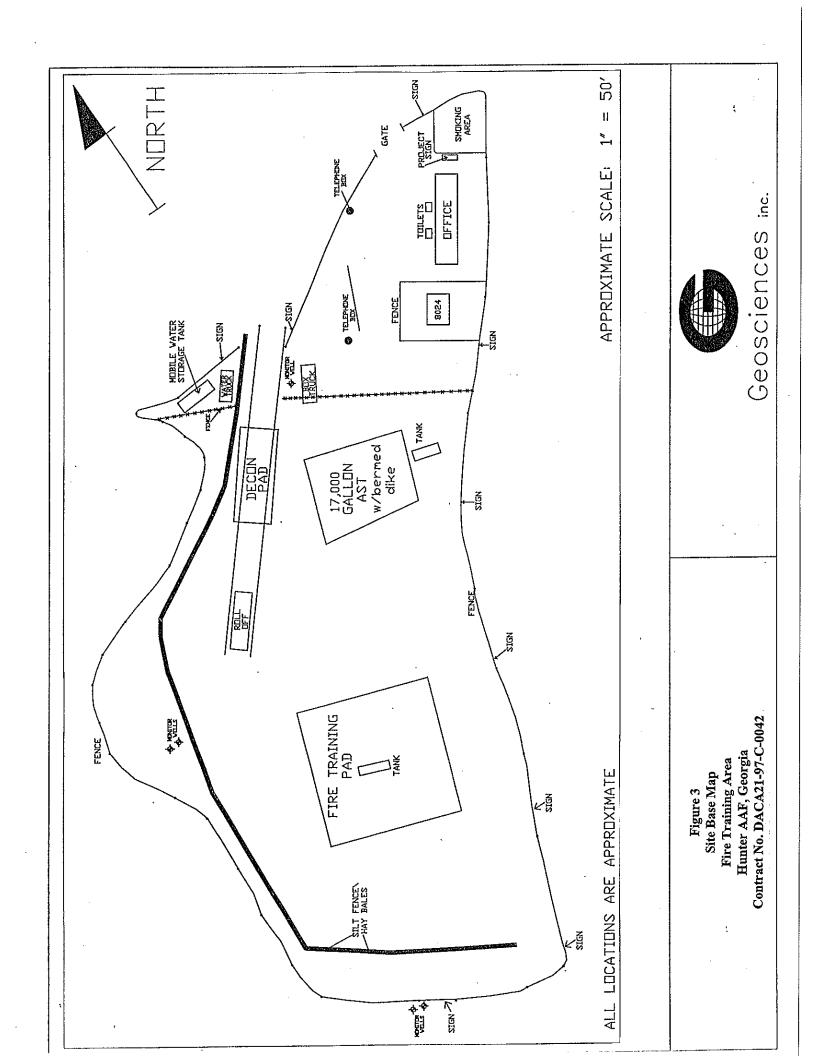




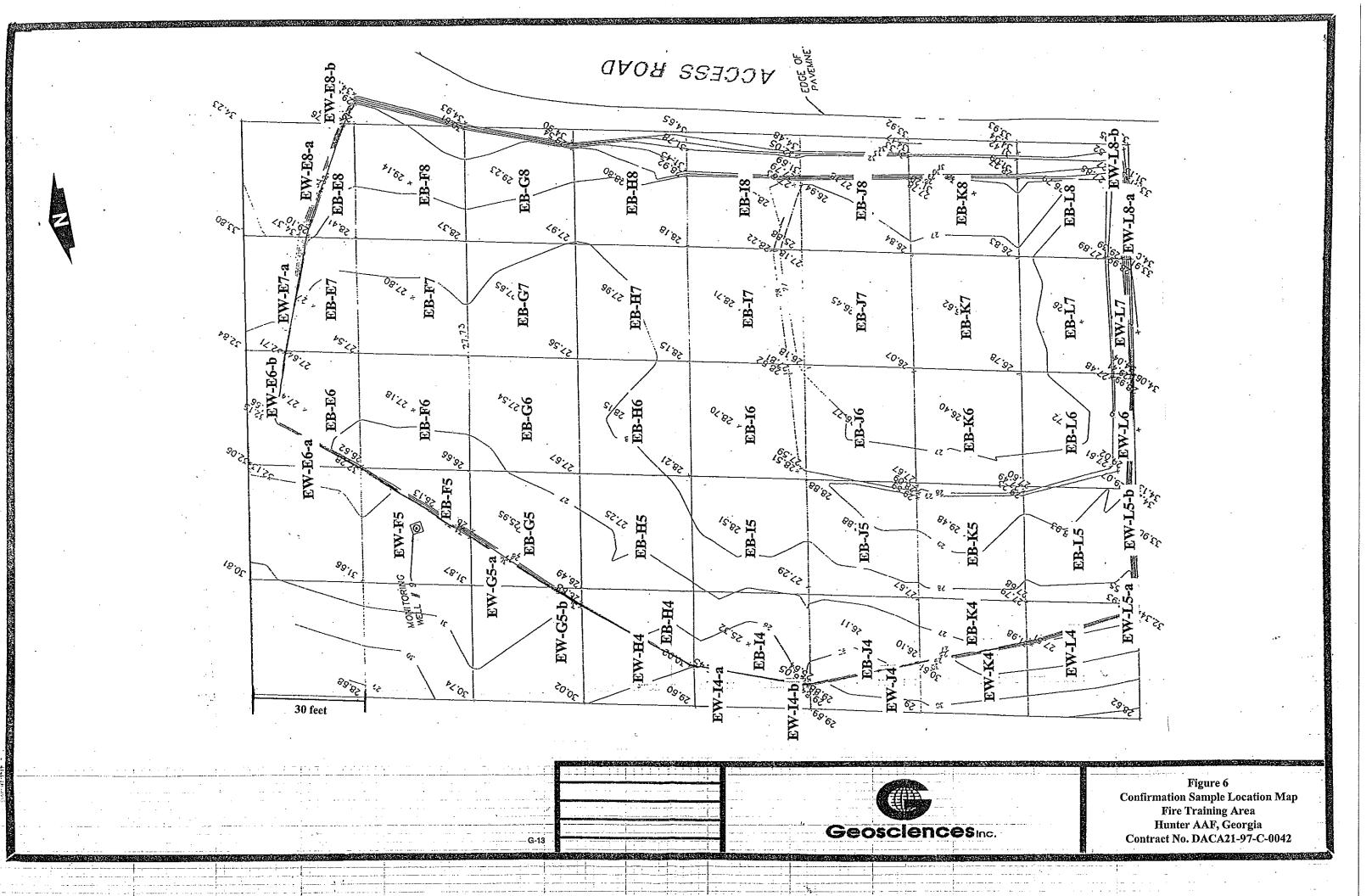


Figure 2
Site Location Map, U.S.G.S.
Fire Training Area
Hunter AAF, Georgia
Contract No. DACA21-97-C-0042



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ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071-2925 Phone # (770) 449-8800 Fax # (770) 449-5477

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ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071-2925 Phone # (770) 449-8800 Fax # (770) 449-5477

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ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia, 30071, Phone (770)449-8800

CASE NARRATIVE for Project Number: 15782

Client Project: Hunter AAF Fire Training Area / DACA21-97-C-0042

The following items were noted concerning this project:

1. The following samples required dilution due to high analyte concentration and/or matrix interference, resulting in elevated detection limits:

BTEX ·	- SW-846-8260A

EW-E6-A	EW-E6-B	EW-E7-A	EB-E7	EW-E8-A
EB-E8	EW-F5	EB-F5	EB-F5-X	

- C 11 "CO"A - C 11 "C C C C C C C C C C	EW-E6-A	EW-E7-A	EB-E7	EB-E8
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2. The following surrogate recoveries were outside the method specified limits due to matrix interference:

BTEX - SW-846-8260A

4-Bromofluorobenzene-	EW-E6-A	EW-E6-B	EB-E6
	EW-E7-A	EB-E7	EW-E8-B
	EB-E8	EW-F5	EB-F5

EW-E8-B

3. One surrogate recovery was outside the method specified limits for following samples:

EB-E6

PAH - SW-846-8270B

Toluene-d8

Nitrobenzene-d5- EW-E6-A EB-E8

PEST/PCB - SW-846-8081 & 8082

Tetrachloro-m-xylene(TCMX)- EW-E6-A

The remaining surrogates were within acceptable limits; therefore the data satisfies the method requirements.

4. The surrogates were diluted out for the following samples; therefore no recoveries could be reported:

PAH - SW-846-8270B

EW-E7-A

DRO - SW-846-8015

EW-E6-A

EW-E7-A

EB-E7

5. The detection limits for the following samples were elevated due to matrix interference:

PEST/PCB - SW-846-8081 & 8082

EW-E7-A

EW-F5

EB-F5-X

6. The response of one or more internal standards was outside the method specified limit for the following samples due to matrix interference:

BTEX - SW-846-8260A

EW-E8-B

The results for these samples should be considered estimated.

7. The DRO hits in the following samples appear to be a light hydrocarbon such as a kerosene:

EW-E6-A

EW-E6-B

EW-E7-A

EB-E7

EB-E8

EB-F5

EB-F5-X

Quality Assurance

Client Services Representative

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38319

Accura Project #: 15782

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/17/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EW-E6-A

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name Analytical Results Reported Detection Limits <RDL 250 Benzene 8.000 250 Ethyl benzene <RDL 250 Toluene 20,000 250 **Xylenes**

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/13/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

1,500

500

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units: mg/Kg

Reported Detection Limits Analyte Name **Analytical Results** <RDL 5 Arsenic 5 Barium 12 1.3 0.5 Cadmium Chromium <RDL 5 5 Lead 15 5 Selenium <RDL Silver <RDL 5

ACCURA ANALYTICAL LABORATORY, INC.

< RDL = Less than Reported Detection Limit

Pg 1 of 52

Client Sample ID: EW-E6-A

AALSample ID #: AB38319 Accura Project #: 15782

ANALYSIS: PAH's Method Ref: 3550A/8270B

Date Analyzed: 3/12/98 Date Ext/Dig/Prep: 3/10/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
I-Methylnaphthalene	7,800	3300
2-Methylnaphthalene	11,000	3300
Acenaphthene	<rdl< td=""><td>3300</td></rdl<>	3300
Acenaphthylene	<rdl< td=""><td>3300</td></rdl<>	3300
Anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(b)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(g,h,i)perylene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(k)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Chrysene	<rdl< td=""><td>3300</td></rdl<>	3300
Dibenzo(a,h)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluorene	<rdl< td=""><td>3300</td></rdl<>	3300
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Naphthalene	4,900	3300
Phenanthrene	<rdl< td=""><td>3300</td></rdl<>	3300
Pyrene	<rdl< td=""><td>3300</td></rdl<>	3300

ANALYSIS: PCB's Method Ref: 3550A/8082

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/10/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides Method Ref: 3550A/8081A

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/10/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 2 of 52

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Te			<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLI Date Analyzed:	3/3/98	Date Ext/Dig/Prep:		Result Units:
Analyte Name		0 .	Analytical Results	Reported Detection Limits
TCLP Extraction			NA	0
10010HING IGO			2.12.1	v
ANALYSIS: TCLI	Mercury			Method Ref: 7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.01</td></rdl<>	0.01
ANALYSIS: TCLI	Metals		-	Method Ref: 3010A/6010B
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/5/98	Result Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Arsenic (Reg Limit	= 5.0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit =	•	•	<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Lim	•		<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Lin			<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5 Selenium (Reg Limi	•		<rdl <rdl< td=""><td>1 1</td></rdl<></rdl 	1 1
Silver (Reg Limit =	•		<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1
ANALYSIS: X DE	ያብ ብሮ የመቀቀሳ	rates (Soil)	1	Method Ref: 3550A/8015
Date Analyzed:	3/13/98	Date Ext/Dig/Prep:		Result Units: %
Analyte Name			Analytical Results	Reported Detection Limits
o-Terphenyl			See narrative	0
				M.d. 1D.C. 25504/0250D
ANALYSIS: X PA				Method Ref: 3550A/8270B
Date Analyzed:	3/12/98	Date Ext/Dig/Prep:		Result Units: %
Analyte Name			Analytical Results	-
2-Fluorobiphenyl			79	0
ACCURA ANALYTICA	L LABORATOR	Y, INC. <rdl< td=""><td>= Less than Reported De</td><td>etection Limit Pg 3 of 52</td></rdl<>	= Less than Reported De	etection Limit Pg 3 of 52

Client Sample ID: EW-E6-A AALSample ID#: AB38319 Accura Project#: 15782

Nitrobenzene-d5	172	0
p-Terphenyl-d14	84	0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)	NALYSIS:	ANALYSIS: X Pest/PCB Q	C Surrogates (Soils)
--	----------	------------------------	----------------------

Method Ref: 3550A/8081/2

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/10/98 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl Tetrachloro-m-xylene	84 52	0

ANALVSIS	Y	VOCC	C Surrogates	(Waters))
ANALISIS.	- △	YUC	/C Sullugaics	(vi attio	,

Method Ref: 8260A

Date Analyzed: 3/4/98 Date Ext/Dig/Prep: 3/4/98 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	112	0
4-Bromofluorobenzene	137	0
Toluene-d8	103	0

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38320

Accura Project #: 15782

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/17/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EW-E6-B

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Analyte Name **Analytical Results** Reported Detection Limits Benzene 29 25 Ethyl benzene 410 25 Toluene <RDL 25 **Xylenes** 130 25

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/13/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

11

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<rdl< td=""><td>5</td></rdl<>	5
Barium	12	5
Cadmium	1.2	0.5
Chromium	<rdl< td=""><td>5</td></rdl<>	5
Lead	22	5
Selenium	<rdl< td=""><td>5</td></rdl<>	5
Silver	<rdl< td=""><td>5</td></rdl<>	5

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<RDL = Less than Reported Detection Limit

Pg 5 of 52

Client Sample ID: EW-E6-B

AALSample ID#: AB38320 Accura Project#: 15782

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Dieldrin	<rdl< th=""><th>2</th></rdl<>	2
Endosulfan sulfate	<rdl< td=""><td>2</td></rdl<>	2
Endrin	<rdl< td=""><td>2</td></rdl<>	2
Endrin aldehyde	<rdl< td=""><td>2</td></rdl<>	2
gamma-BHC	<rdl< td=""><td>2</td></rdl<>	2
Heptachlor	<rdl< td=""><td>2</td></rdl<>	2
Heptachlor epoxide	<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor	<rdl< td=""><td>10</td></rdl<>	10
Total Chlordane (Technical)	<rdl< td=""><td>20</td></rdl<>	20
Toxaphene	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: TCLP Extraction Procedure Method Ref: 1311

Date Analyzed: 3/3/98 Date Ext/Dig/Prep: 3/3/98 Result Units:

<u>Analyte Name</u> <u>Analytical Results</u> <u>Reported Detection Limits</u>

TCLP Extraction NA 0

ANALYSIS: TCLP Mercury Method Ref: 7470A

Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/2/98 Result Units: mg/L

Analyte Name Analytical Results Reported Detection Limits

Mercury (Reg Limit = 0.2) < RDL 0.01

ANALYSIS: TCLP Metals Method Ref: 3010A/6010B

Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/5/98 Result Units: mg/L

Analyte Name Analytical Results Reported Detection Limits Arsenic (Reg Limit = 5.0) <RDL Barium (Reg Limit = 100.0) 1.0 Cadmium (Reg Limit = 1.0) <RDL Chromium (Reg Limit = 5.0) <RDL Lead (Reg Limit = 5.0) <RDL Selenium (Reg Limit = 1.0) <RDL Silver (Reg Limit = 5.0) <RDL

ANALYSIS: X DRO QC Surrogates (Soil) Method Ref: 3550A/8015

Date Analyzed: 3/13/98 Date Ext/Dig/Prep: 3/10/98 Result Units: %

Analyte Name Analytical Results Reported Detection Limits

o-Terphenyl 80 0

ANALYSIS: X PAH/BN QC Surrogates (Soils) Method Ref: 3550A/8270B

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/10/98 Result Units: %

<u>Analyte Name</u> <u>Analytical Results</u> <u>Reported Detection Limits</u>

2-Fluorobiphenyl 56 0

ACCURA ANALYTICAL LABORATORY, INC. <RDL = Less than Reported Detection Limit Pg 7 of 52

Client Sample ID: EW-E6-B AALSample ID#: AB38320 Accura Project #: 15782

Nitrobenzene-d5	47	0
p-Terphenyl-d14	83	0

ANALVSIS.	Y	Peet/PCR	OC Surrogates (Soils)	
ANALISIS	_	FCSVFCD	OC Buildeates (Buils)	

Method Ref: 3550A/8081/2

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	117	0

Tetrachloro-m-xylene

88 0

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units: 9

Analyte NameAnalytical ResultsReported Detection Limits1,2-Dichloroethane-d411204-Bromofluorobenzene1470Toluene-d81080

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<RDL = Less than Reported Detection Limit

Pg 8 of 52

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LABORATORY REPORT

Accura Sample ID #: AB38321

Accura Project #: 15782

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/18/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EB-E6

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Reported Detection Limits **Analytical Results** Analyte Name 5 Benzene <RDL <RDL 5 Ethyl benzene 5 <RDL Toluene 5 **Xylenes** <RDL

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/13/98

Date Ext/Dig/Prep: 3/10/98

Result Units: mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

<RDL

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<rdl< td=""><td>5</td></rdl<>	5
Barium	14	5
Cadmium	<rdl< td=""><td>0.5</td></rdl<>	0.5
Chromium	<rdl< td=""><td>5</td></rdl<>	5
Lead	<rdl< td=""><td>5</td></rdl<>	5
Selenium	<rdl< td=""><td>5</td></rdl<>	5
Silver	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Client Sample ID: EB-E6

AALSample ID #: AB38321 Accura Project #: 15782

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Te	chnical)		<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLI	Extraction P	rocedure	N	Method Ref: 1311
Date Analyzed:	3/3/98	Date Ext/Dig/Prep:	3/3/98 F	Result Units:
Analyte Name			Analytical Results	Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLI	Mercury		И	Method Ref: 7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98 F	Result Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.01</td></rdl<>	0.01
ANALYSIS: TCLI	P Metals		Ŋ	Method Ref: 3010A/6010B
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/5/98 F	tesult Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit = Selenium (Reg Limit = Silver (Reg Limit = Si	= 100.0) it = 1.0) nit = 5.0) i.0) t = 1.0)		<rdl <rdl="" <rdl<="" td=""><td>1 1 1 1 1 1</td></rdl>	1 1 1 1 1 1
ANALYSIS: X DE	RO QC Surrog	gates (Soil)	И	Method Ref: 3550A/8015
Date Analyzed:	3/13/98	Date Ext/Dig/Prep:	3/10/98 F	Result Units: %
Analyte Name			Analytical Results	Reported Detection Limits
o-Terphenyl			86	0
ANALYSIS: X PA	.H/BN QC Su	rrogates (Soils)	7	Method Ref: 3550A/8270B
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98 F	Result Units: %
Analyte Name			Analytical Results	Reported Detection Limits
2-Fluorobiphenyl			39	0
ACCURA ANALYTICA	L LABORATOR	Y, INC. <rdl< td=""><td>= Less than Reported De</td><td>tection Limit Pg 11 of 52</td></rdl<>	= Less than Reported De	tection Limit Pg 11 of 52

Client Sample ID: EB-E6 AALSample ID #: AB38321 Accura Project #: 15782

Nitrobenzene-d5	37	0
p-Terphenyl-d14	81	0

ANALYSIS:	\mathbf{X}	Pest/PCB	QC Surrogates	(Soils)
TALIZACIA DADI	~	T COUL CIP	V C CHILL OF WAR	1202127

Method Ref: 3550A/8081/2

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	100	0
Tetrachloro-m-xylene	90	0

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	109	0
4-Bromofluorobenzene	130	0
Toluene-d8	118	0

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38322

Accura Project #: 15782

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/17/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EW-E7-A

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene Ethyl benzene

1,200 47,000

500 2500

Toluene **Xylenes**

<RDL 150,000

500 2500

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/13/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

4,300

1000

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

Reported Detection Limits

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Analyte Name

Analytical Results

Result Units:

mg/Kg

Arsenic

Cadmium Chromium Lead

Selenium

Silver

Barium

<RDL <RDL

<RDL

15

5 5 0.5 5

6.2 <RDL

<RDL

5 5 5

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< RDL = Less than Reported Detection Limit

Pg 13 of 52

Client Sample ID: EW-E7-A

AALSample ID #: AB38322 Accura Project #: 15782

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date Analyzed:

3/13/98

Date Ext/Dig/Prep: 3/10/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	21,000	16000
2-Methylnaphthalene	31,000	16000
Acenaphthene	<rdl< td=""><td>16000</td></rdl<>	16000
Acenaphthylene	<rdl< td=""><td>16000</td></rdl<>	16000
Anthracene	<rdl< td=""><td>16000</td></rdl<>	16000
Benzo(a)anthracene	<rdl< td=""><td>16000</td></rdl<>	16000
Benzo(a)pyrene	<rdl< td=""><td>16000</td></rdl<>	16000
Benzo(b)fluoranthene	<rdl< td=""><td>16000</td></rdl<>	16000
Benzo(g,h,i)perylene	<rdl< td=""><td>16000</td></rdl<>	16000
Benzo(k)fluoranthene	<rdl< td=""><td>16000</td></rdl<>	16000
Chrysene	<rdl< td=""><td>16000</td></rdl<>	16000
Dibenzo(a,h)anthracene	<rdl< td=""><td>16000</td></rdl<>	16000
Fluoranthene	<rdl< td=""><td>16000</td></rdl<>	16000
Fluorene	<rdl< td=""><td>16000</td></rdl<>	16000
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>16000</td></rdl<>	16000
Naphthalene	17,000	16000
Phenanthrene	<rdl< td=""><td>16000</td></rdl<>	16000
Pyrene	<rdl< td=""><td>16000</td></rdl<>	16000

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>4</td></rdl<>	4
4,4'-DDT	<rdl< td=""><td>4</td></rdl<>	4
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>4</td></rdl<>	4

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<RDL = Less than Reported Detection Limit

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Dieldrin	<rdl< th=""><th>2</th></rdl<>	2
Endosulfan sulfate	<rdl< td=""><td>2</td></rdl<>	2
Endrin	<rdl< td=""><td>2</td></rdl<>	2
Endrin aldehyde	<rdl< td=""><td>2</td></rdl<>	2
gamma-BHC	<rdl< td=""><td>2</td></rdl<>	2
Heptachlor	<rdl< td=""><td>2</td></rdl<>	2
Heptachlor epoxide	<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor	<rdl< td=""><td>30</td></rdl<>	30
Total Chlordane (Technical)	<rdl< td=""><td>20</td></rdl<>	20
Toxaphene	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: TCLP Extraction Procedure

Date Analyzed: 3/3/98 Date Ext/Dig/Prep: 3/3/98 Result Units:

Analyte Name Analytical Results Reported Detection Limits

Method Ref: 1311

TCLP Extraction NA 0

ANALYSIS: TCLP Mercury Method Ref: 7470A

Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/2/98 Result Units: mg/L

<u>Analyte Name</u> <u>Analytical Results</u> <u>Reported Detection Limits</u>

Mercury (Reg Limit = 0.2) < RDL 0.01

ANALYSIS: TCLP Metals Method Ref: 3010A/6010B

Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/5/98 Result Units: mg/L

Analyte Name **Analytical Results** Reported Detection Limits <RDL Arsenic (Reg Limit = 5.0) Barium (Reg Limit = 100.0) <RDL Cadmium (Reg Limit = 1.0) <RDL Chromium (Reg Limit = 5.0) <RDL Lead (Reg Limit = 5.0) <RDL Selenium (Reg Limit = 1.0) <RDL Silver (Reg Limit = 5.0) <RDL

ANALYSIS: X DRO QC Surrogates (Soil) Method Ref: 3550A/8015

Date Analyzed: 3/13/98 Date Ext/Dig/Prep: 3/10/98 Result Units: %

Analyte Name Analytical Results Reported Detection Limits

o-Terphenyl See narrative 0

ANALYSIS: X PAH/BN QC Surrogates (Soils) Method Ref: 3550A/8270B

Date Analyzed: 3/13/98 Date Ext/Dig/Prep: 3/10/98 Result Units: %

Analytic Name Analytical Results Reported Detection Limits

2-Fluorobiphenyl See narrative 0

ACCURA ANALYTICAL LABORATORY, INC. <RDL = Less than Reported Detection Limit Pg 15 of 52

Client Sample ID: EW-E7-A AALSample ID #: AB38322 Accura Project #: 15782

0 See narrative Nitrobenzene-d5 See narrative 0 p-Terphenyl-d14

ANALYSIS: X Pest/PCB QC Surrogates (Soils)

Method Ref: 3550A/8081/2

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units: %

Analytical Results Reported Detection Limits Analyte Name 81 0 Decachlorobiphenyl 0

79 Tetrachloro-m-xylene

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 8260A

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

Analytical Results Reported Detection Limits Analyte Name 0 109 1,2-Dichloroethane-d4 0 178 4-Bromofluorobenzene 0 96 Toluene-d8

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< RDL = Less than Reported Detection Limit

Pg 16 of 52

Client Sample ID: EW-E7-A

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38323

Accura Project #: 15782

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/17/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EB-E7

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene Ethyl benzene <RDL 7,700

500 500

Toluene **Xylenes** <RDL 8,200

500 500

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/13/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

920

200

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Result Units:

mg/Kg

Date Ext/Dig/Prep: 3/2/98

Reported Detection Limits **Analytical Results** Analyte Name 5 <RDL Arsenic 5 10 Barium 0.5 Cadmium <RDL 5 <RDL Chromium 5 <RDL Lead <RDL 5 Selenium 5 <RDL Silver

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 17 of 52

Client Sample ID: EB-E7

AALSample ID #: AB38323 Accura Project #: 15782

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date Analyzed:

3/12/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	6,900	3300
2-Methylnaphthalene	9,600	3300
Acenaphthene	<rdl< td=""><td>3300</td></rdl<>	3300
Acenaphthylene	<rdl< td=""><td>3300</td></rdl<>	3300
Anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(b)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(g,h,i)perylene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(k)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Chrysene	<rdl< td=""><td>3300</td></rdl<>	3300
Dibenzo(a,h)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluorene	<rdl< td=""><td>3300</td></rdl<>	3300
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Naphthalene	3,900	3300
Phenanthrene	<rdl< td=""><td>3300</td></rdl<>	3300
Pyrene	<rdl< td=""><td>3300</td></rdl<>	3300

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

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<RDL = Less than Reported Detection Limit

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Dieldrin	<rdl< td=""><td>2</td></rdl<>	2
Endosulfan sulfate	<rdl< td=""><td>2</td></rdl<>	2
Endrin	<rdl< td=""><td>2</td></rdl<>	2
Endrin aldehyde	<rdl< td=""><td>2</td></rdl<>	2
gamma-BHC	<rdl< td=""><td>2</td></rdl<>	2
Heptachlor	<rdl< td=""><td>2</td></rdl<>	2
Heptachlor epoxide	<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor	<rdl< td=""><td>10</td></rdl<>	10
Total Chlordane (Technical)	<rdl< td=""><td>20</td></rdl<>	20
Toxaphene	<rdl< td=""><td>20</td></rdl<>	20
ANALYSIS: TCLP Extraction Procedure	Method Ref:	1311
Date Analyzed: 3/3/98 Date Ex	t/Dig/Prep: 3/3/98 Result Units:	

<u>Analyte Name</u> <u>Analytical Results</u> <u>Reported Detection Limits</u>

TCLP Extraction NA 0

ANALYSIS: TCLP Mercury Method Ref: 7470A

Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/2/98 Result Units: mg/L

Analyte Name Analytical Results Reported Detection Limits

Mercury (Reg Limit = 0.2) < RDL 0.01

ANALYSIS: TCLP Metals Method Ref: 3010A/6010B

Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/5/98 Result Units: mg/L

Analytical Results Reported Detection Limits Analyte Name Arsenic (Reg Limit = 5.0) <RDL <RDL Barium (Reg Limit = 100.0) <RDL Cadmium (Reg Limit = 1.0) <RDL Chromium (Reg Limit = 5.0) <RDL Lead (Reg Limit = 5.0) <RDL Selenium (Reg Limit = 1.0) <RDL Silver (Reg Limit = 5.0)

ANALYSIS: X DRO QC Surrogates (Soil) Method Ref: 3550A/8015

Date Analyzed: 3/13/98 Date Ext/Dig/Prep: 3/10/98 Result Units: %

Analyte Name Analytical Results Reported Detection Limits

o-Terphenyl See narrative 0

ANALYSIS: X PAH/BN QC Surrogates (Soils) Method Ref: 3550A/8270B

Date Analyzed: 3/12/98 Date Ext/Dig/Prep: 3/10/98 Result Units: %

2-Fluorobiphenyl

ACCURA ANALYTICAL LABORATORY, INC.

<u>Analyte Name</u> <u>Analytical Results</u> <u>Reported Detection Limits</u>

79

<RDL = Less than Reported Detection Limit

0

Pg 19 of 52

Client Sample ID: EB-E7 AALSample ID #: AB38323 Accura Project #: 15782

Nitrobenzene-d5	107	0
p-Terphenyl-d14	89	0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)	oils)
--	-------

Method Ref: 3550A/8081/2

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

Reported Detection Limits

Analytical Results Analyte Name 83 0 Decachlorobiphenyl 71 0 Tetrachloro-m-xylene

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 8260A

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	113	0
4-Bromofluorobenzene	134	0
Toluene-d8	98	0

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<RDL = Less than Reported Detection Limit

Pg 20 of 52

Client Sample ID: EB-E7

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SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38324

Accura Project #: 15782

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact; T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Client Project Name:

Date Reported: 3/18/98

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EW-E8-A

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Benzene	<rdl< td=""><td>25</td></rdl<>	25
Ethyl benzene	31	25
Toluene	<rdl< td=""><td>25</td></rdl<>	25
Xylenes	100	25

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/13/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

<RDL

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL .

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units: mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<rdl< td=""><td>5</td></rdl<>	5
Barium	11	5
Cadmium	<rdl< td=""><td>0.5</td></rdl<>	0.5
Chromium	<rdl< td=""><td>5</td></rdl<>	5
Lead	<rdl< td=""><td>5</td></rdl<>	5
Selenium	<rdl< td=""><td>5</td></rdl<>	5
Silver	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 21 of 52

Client Sample ID; EW-E8-A

AALSample ID #: AB38324 Accura Project #: 15782

ANALYSIS: PAH's Method Ref: 3550A/8270B

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/10/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's Method Ref: 3550A/8082

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/10/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides Method Ref: 3550A/8081A

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/10/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2 ·</td></rdl<>	2 ·
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 22 of 52

Client Sample ID: EW-E8A

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Te	·		<rdl <rdl="" <rdl<="" th=""><th></th><th>2 2 2 2 2 2 2 10 20 20</th></rdl>		2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLF			a /a /o.o.	Method Ref:	1311
Date Analyzed:	3/3/98	Date Ext/Dig/Prep:	3/3/98	Result Units:	
Analyte Name			Analytical Resu	<u>ts</u> <u>Re</u>	ported Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLP	' Mercury			Method Ref:	7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:	mg/L
Analyte Name			Analytical Resul	<u>ts</u> <u>Re</u>	ported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td></td><td>0.01</td></rdl<>		0.01
ANALYSIS: TCLP	' Metals			Method Ref:	3010A/6010B
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	mg/L
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5) Selenium (Reg Limit Silver (Reg Limit = 5)	t = 100.0 $t = 1.0$ $t = 5.0$ $t = 1.0$		<rdl <rdl="" <rdl<="" td=""><td></td><td>1 1 1 1 1 1</td></rdl>		1 1 1 1 1 1
ANALÝSIS: X DR	O QC Surroga	ates (Soil)		Method Ref:	3550A/8015
Date Analyzed:	3/13/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
o-Terphenyl			73		0
ANALYSIS: X PA	H/BN QC Sur	rogates (Soils)		Method Ref:	3550A/8270B
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
2-Fluorobiphenyl			37		0
ACCURA ANALYTICA	LABORATORY	, INC. <rdl=< td=""><td>= Less than Reported I</td><td>Detection Limit</td><td>Pg 23 of 52</td></rdl=<>	= Less than Reported I	Detection Limit	Pg 23 of 52

AALSample ID#: AB38324 Accura Project#: 15782

Client Sample ID: EW-E8A

Nitrobenzene-d5	31	0
p-Terphenyl-d14	80	0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)	Method Ref:	3550A/8081/2
--	-------------	--------------

Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	%
----------------	---------	--------------------	---------	---------------	---

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl Tetrachloro-m-xylene	99 59	0

ANALYSIS: X VOC QC Surrogates (Waters)	Method Ref:	8260A

Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	%

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	105	0
4-Bromofluorobenzene	118	0
Toluene-d8	102	0

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38325

Accura Project #: 15782

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/18/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EW-E8-B

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Analyte Name **Analytical Results** Reported Detection Limits Benzene <RDL 5 Ethyl benzene <RDL 5 Toluene <RDL 5 **Xylenes** <RDL 5

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/13/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

<RDL

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units: mg/Kg

Analyte Name Analytical Results Reported Detection Limits 5 Arsenic <RDL Barium 13 5 Cadmium <RDL 0.5 Chromium <RDL 5 Lead <RDL 5 5 Selenium <RDL Silver <RDL 5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Client Sample ID: EW-E8-B

AALSample ID #: AB38325 Accura Project #: 15782

ANALYSIS: PAH's Method Ref: 3550A/8270B

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/10/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's Method Ref: 3550A/8082

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/10/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides Method Ref: 3550A/8081A

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/10/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 26 of 52

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Tec Toxaphene	·	rocedure	<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 2 10 20 20
Date Analyzed:	3/3/98	Date Ext/Dig/Prep:	3/3/98	Result Units:
Analyte Name			Analytical Resu	lts Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP	Mercury			Method Ref: 7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Resu	lts Reported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.01</td></rdl<>	0.01
ANALYSIS: TCLP Metals			Method Ref: 3010A/6010B	
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/5/98	Result Units: mg/L
Analyte Name			Analytical Resul	Reported Detection Limits
Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5.) Selenium (Reg Limit = 5.) Selver (Reg Limit = 5.)	100.0) t = 1.0) it = 5.0) 0) = 1.0)		<rdl <rdl="" <rdl<="" td=""><td>1 1 1 1 1 1</td></rdl>	1 1 1 1 1 1
ANALYSIS: X DR	O QC Surroga	ates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/13/98	Date Ext/Dig/Prep:	3/10/98	Result Units: %
Analyte Name			Analytical Resul	Reported Detection Limits
o-Terphenyl			73	0
ANALYSIS: X PAI	H/BN QC Sur	rogates (Soils)		Method Ref: 3550A/8270B
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98	Result Units: %
Analyte Name			Analytical Resul	Reported Detection Limits
2-Fluorobiphenyl			55	0

Client Sample ID: EW-E8B

<RDL = Less than Reported Detection Limit

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AALSample ID #: AB38325 Accura Project #: 15782

Nitrobenzene-d5	50	0
p-Terphenyl-d14	83	0

ANALYSIS:	X	Pest/PCB QC	Surrogates (Soils)

Method Ref: 3550A/8081/2

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl Tetrachloro-m-xylene	103 86	0

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	115	0
4-Bromofluorobenzene	139	0
Toluene-d8	121	0

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<RDL = Less than Reported Detection Limit

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AALSample ID #: AB38325 Accura Project #: 15782

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38326

Accura Project #: 15782

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/17/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EB-E8

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

ug/Kg

Reported Detection Limits Analytical Results **Analyte Name** <RDL 250 Benzene 3,300 250 Ethyl benzene <RDL 250 Toluene 9,500 250 **Xylenes**

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/10/98

Result Units: mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

2,000

500

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98 Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units: mg/Kg

Reported Detection Limits Analyte Name **Analytical Results** Arsenic <RDL 5 11 5 Barium 0.5 0.6 Cadmium <RDL 5 Chromium 5 Lead 15 Selenium <RDL 5 Silver <RDL 5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Client Sample ID: EB-E8

AALSample ID #: AB38326 Accura Project #: 15782

ANALYSIS: PAH's Method Ref: 3550A/8270B

Date Analyzed: 3/12/98 Date Ext/Dig/Prep: 3/10/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	13,000	1600
2-Methylnaphthalene	5,800	1600
Acenaphthene	<rdl< td=""><td>1600</td></rdl<>	1600
Acenaphthylene	<rdl< td=""><td>1600</td></rdl<>	1600
Anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(a)anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(a)pyrene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(b)fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(g,h,i)perylene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(k)fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Chrysene	<rdl< td=""><td>1600</td></rdl<>	1600
Dibenzo(a,h)anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Fluorene	<rdl< td=""><td>1600</td></rdl<>	1600
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>1600</td></rdl<>	1600
Naphthalene	<rdl< td=""><td>1600</td></rdl<>	1600
Phenanthrene	<rdl< td=""><td>1600</td></rdl<>	1600
Pyrene	<rdl< td=""><td>1600</td></rdl<>	1600

ANALYSIS: PCB's Method Ref: 3550A/8082

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/10/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides Method Ref: 3550A/8081A

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/10/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 30 of 52

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Te	chnical)		<rdl <rdl="" <rdl<="" th=""><th></th><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>		2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLI	Extraction P	rocedure		Method Ref:	1311
Date Analyzed:	3/3/98	Date Ext/Dig/Prep:	3/3/98	Result Units:	
Analyte Name			Analytical Result	<u>Re</u>	eported Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLI	Mercury			Method Ref:	7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:	mg/L
Analyte Name			Analytical Result	<u>Re</u>	ported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td></td><td>0.01</td></rdl<>		0.01
ANALYSIS: TCLE	' Metals			Method Ref:	3010A/6010B
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	mg/L
Analyte Name			Analytical Result	<u>s</u> <u>Re</u>	ported Detection Limits
Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit = 5 Selenium (Reg Limit = Silver (Reg Limit = 1 Silv	= 100.0) it = 1.0) nit = 5.0) .0) t = 1.0)		<rdl 1.1="" <rdl="" <rdl<="" td=""><td></td><td>1 1 1 1 1 1</td></rdl>		1 1 1 1 1 1
ANALYSIS: X DR	O QC Surrog	ates (Soil)		Method Ref:	3550A/8015
Date Analyzed:	3/14/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	%
Analyte Name			Analytical Result	<u>Re</u>	ported Detection Limits
o-Terphenyl			See narrativ	re	0
ANALYSIS: X PA	H/BN QC Sur	rogates (Soils)		Method Ref:	3550A/8270B
Date Analyzed:	3/12/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	%
Analyte Name			Analytical Result	<u>Re</u>	ported Detection Limits
2-Fluorobiphenyl			73		0
ACCURA ANALYTICA	L LABORATORY	, INC. <rdl< td=""><td>= Less than Reported I</td><td>Detection Limit</td><td>Pg 31 of 52</td></rdl<>	= Less than Reported I	Detection Limit	Pg 31 of 52

Client Sample ID: EB-E8 AALSample ID#: AB38326 Accura Project#: 15782

Nitrobenzene-d5	171	0
p-Terphenyl-d14	85	0

ANALYSIS:	X	Pest/PCB	QC Surrogates	(Soils)

Method Ref: 3550A/8081/2

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

D I I D I I T I I

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	96	0
Tetrachloro-m-xylene	57	0

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 8260A

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

nits: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	112	0
4-Bromofluorobenzene	164	0
Toluene-d8	105	0

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ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 32 of 52

Client Sample ID: EB-E8

AALSample ID #: AB38326 Accura Project #: 15782

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38327

Accura Project #: 15782

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/17/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EW-F5

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene

<RDL

25 25

Ethyl benzene Toluene

<RDL <RDL

25 25

Xylenes

<RDL

Method Ref: 3550A/8015

Date Analyzed:

3/14/98

ANALYSIS: Diesel Range Organics (DRO)

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

<RDL

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Date Ext/Dig/Prep: 3/2/98

Date Analyzed:

3/4/98

Result Units:

mg/Kg

Method Ref: 3050B/6010B

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<rdl< td=""><td>5</td></rdl<>	5
Barium	10	5
Cadmium	0.9	0.5
Chromium	<rdl< td=""><td>5</td></rdl<>	5
Lead	18	5
Selenium	<rdl< td=""><td>5</td></rdl<>	5
Silver	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Client Sample ID: EW-F5

AALSample ID #: AB38327 Accura Project #: 15782

ANALYSIS: PAH's Method Ref: 3550A/8270B

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/10/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's Method Ref: 3550A/8082

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/10/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides Method Ref: 3550A/8081A

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/10/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 34 of 52

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Tea	chnical)		<rdl <rdl="" <rdl<="" th=""><th></th><th>2 2 2 4 2 2 2 2 10 20 20</th></rdl>		2 2 2 4 2 2 2 2 10 20 20
ANALYSIS: TCLP				Method Ref:	1311
Date Analyzed:	3/3/98	Date Ext/Dig/Prep:	3/3/98	Result Units:	
Analyte Name			Analytical Resul	ts Re	ported Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLP	Mercury			Method Ref:	7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:	mg/L
Analyte Name			Analytical Resul	ts Re	ported Detection Limits
Mercury (Reg Limit	= 0.2)	•	<rdl< td=""><td></td><td>0.01</td></rdl<>		0.01
ANALYSIS: TCLP	Metals			Method Ref:	3010A/6010B
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	mg/L
Analyte Name			Analytical Resul	ts Re	ported Detection Limits
Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5. Selenium (Reg Limit = 5. Silver (Reg Limit = 5.)	= 100.0) t = 1.0) it = 5.0) 0) t = 1.0)		<rdl 1.2="" <rdl="" <rdl<="" td=""><td></td><td>1 1 1 1 1 1</td></rdl>		1 1 1 1 1 1
ANALYSIS: X DR	O QC Surrog	ates (Soil)		Method Ref:	3550A/8015
Date Analyzed:	3/14/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	ts Re	ported Detection Limits
o-Terphenyl			71		0
ANALYSIS: X PA	H/BN QC Sur	rogates (Soils)		Method Ref:	3550A/8270B
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	ts Re	ported Detection Limits
2-Fluorobiphenyl			65		0
ACCURA ANALYTICAL			= Less than Reported I	Detection Limit	Pg 35 of 52

Client Sample ID: EW-F5

<RDL = Less than Reported Detection Limit

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AALSample ID #: AB38327 Accura Project #: 15782

Nitrobenzene-d5	60	0
p-Terphenyl-d14	81	0

ANALYSIS:	X	Pest/PCB	QC Surrogates (Soils)	

Method Ref: 3550A/8081/2

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units: %

<u>Analyte Name</u> <u>Analytical Results</u> <u>Reported Detection Limits</u>

Decachlorobiphenyl 107 0
Tetrachloro-m-xylene 79 0

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref; 8260A

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/5/98

Result Units: %

Analyte Name Analytical Results Reported Detection Limits

1,2-Dichloroethane-d4
4-Bromofluorobenzene 132 0
Toluene-d8 113 0

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38328

Accura Project #: 15782

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/17/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EB-F5

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

ug/Kg

Analyte Name Analytical Results Reported Detection Limits <RDL Benzene 25 Ethyl benzene <RDL 25 Toluene <RDL 25 **Xylenes** 64 25

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

62

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units: mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analytical Results	Reported Detection Limits
<rdl< td=""><td>5</td></rdl<>	5
11	5
<rdl< td=""><td>0.5</td></rdl<>	0.5
<rdl< td=""><td>5</td></rdl<>	5
	<rdl 11 <rdl <rdl <rdl <rdl< td=""></rdl<></rdl </rdl </rdl </rdl

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<RDL = Less than Reported Detection Limit

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Client Sample ID: EB-F5

AALSample ID #: AB38328 Accura Project #: 15782

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date Analyzed:

3/12/98

Date Ext/Dig/Prep: 3/10/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	480	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/10/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/10/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Ter	chnical)		<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLP	Extraction P	rocedure		Method Ref: 1311
Date Analyzed:	3/3/98	Date Ext/Dig/Prep:	3/3/98	Result Units:
Analyte Name			Analytical Resu	Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP Date Analyzed:	Mercury 3/2/98	Date Ext/Dig/Prep:	3/2/98	Method Ref: 7470A Result Units: mg/L
Analyte Name			Analytical Resu	ts Reported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.01</td></rdl<>	0.01
ANALYSIS: TCLP	Metals			Method Ref: 3010A/6010B
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/5/98	Result Units: mg/L
Date Analyzed: <u>Analyte Name</u>	3/6/98	Date Ext/Dig/Prep:	3/5/98 Analytical Resul	Ţ.
•	= 5.0) = 100.0) t = 1.0) it = 5.0) 0) = 1.0)	Date Ext/Dig/Prep:		<u> </u>
Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5.) Selenium (Reg Limit = 5.)	= 5.0) = 100.0) t = 1.0) it = 5.0) 0) = 1.0) 5.0)		Analytical Result <rdl 1.0="" <rdl="" <rdl<="" td=""><td>Reported Detection Limits 1 1 1 1 1 1 1</td></rdl>	Reported Detection Limits 1 1 1 1 1 1 1
Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5.) Selenium (Reg Limit = 5.) Selenium (Reg Limit = 5.)	= 5.0) = 100.0) t = 1.0) it = 5.0) 0) = 1.0) 5.0)		Analytical Result <rdl 1.0="" <rdl="" <rdl<="" td=""><td>Reported Detection Limits 1 1 1 1 1 1 1 1 1</td></rdl>	Reported Detection Limits 1 1 1 1 1 1 1 1 1
Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5. Selenium (Reg Limit Silver (Reg Limit = 5.)	= 5.0) = 100.0) t = 1.0) it = 5.0) 0) = 1.0) i.0) O QC Surroga	ates (Soil)	Analytical Result	Reported Detection Limits 1 1 1 1 1 1 1 I Method Ref: 3550A/8015 Result Units: %
Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit = Selenium (Reg	= 5.0) = 100.0) t = 1.0) it = 5.0) 0) = 1.0) i.0) O QC Surroga	ates (Soil)	Analytical Result <rdl 1.0="" <rdl="" <rdl<="" td=""><td>Reported Detection Limits 1 1 1 1 1 1 1 I Method Ref: 3550A/8015 Result Units: %</td></rdl>	Reported Detection Limits 1 1 1 1 1 1 1 I Method Ref: 3550A/8015 Result Units: %
Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit = Selenium (Reg	= 5.0) = 100.0) t = 1.0) it = 5.0) 0) = 1.0) 5.0) O QC Surrogs 3/14/98	ates (Soil) Date Ext/Dig/Prep:	Analytical Result <rdl 1.0="" <rdl="" <rdl<="" td=""><td>Reported Detection Limits 1 1 1 1 1 1 1 1 Method Ref: 3550A/8015 Result Units: % Reported Detection Limits</td></rdl>	Reported Detection Limits 1 1 1 1 1 1 1 1 Method Ref: 3550A/8015 Result Units: % Reported Detection Limits
Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5 Selenium (Reg Limit Silver (Reg Limit = 5 ANALYSIS: X DR Date Analyzed: Analyte Name o-Terphenyl	= 5.0) = 100.0) t = 1.0) it = 5.0) 0) = 1.0) 5.0) O QC Surrogs 3/14/98	ates (Soil) Date Ext/Dig/Prep:	Analytical Result <rdl 1.0="" <rdl="" <rdl<="" td=""><td>Reported Detection Limits 1 1 1 1 1 1 1 1 Method Ref: 3550A/8015 Result Units: % Reported Detection Limits 0</td></rdl>	Reported Detection Limits 1 1 1 1 1 1 1 1 Method Ref: 3550A/8015 Result Units: % Reported Detection Limits 0

2-Fluorobiphenyl

<RDL = Less than Reported Detection Limit

53

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0

Client Sample ID: EB-F5 AALSample ID#: AB38328 Accura Project #: 15782

Nitrobenzene-d5	52	0
p-Terphenyl-d14	79	0

	ANALYSIS:	X	Pest/PCB	QC Surrogates	(Soils)_	
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Method Ref: 3550A/8081/2

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl Tetrachloro-m-xylene	82 72	0

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 8260A

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	108	0
4-Bromofluorobenzene	132	0
Toluene-d8	115	0

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38329

Accura Project #: 15782

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/18/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EB-F5-X

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

ug/Kg

Analyte Name **Analytical Results** Reported Detection Limits Benzene <RDL 250 <RDL 250 Ethyl benzene Toluene <RDL 250 **Xylenes** 4,600 250

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

35

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units: mg/Kg

Method Ref: 3050B/6010B

Analytical Results Reported Detection Limits Analyte Name Arsenic <RDL 5 5 Barium 11 0.5 Cadmium <RDL Chromium <RDL 5 5.5 5 Lead <RDL 5 Selenium Silver <RDL 5

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<RDL = Less than Reported Detection Limit

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Client Sample ID: EB-F5-X

AALSample ID#: AB38329 Accura Project#: 15782

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date Analyzed:

3/13/98

Date Ext/Dig/Prep: 3/10/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/10/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/10/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>14</td></rdl<>	14
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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ANALYSIS: TCLP Extraction Procedure Method Ref. 1311 Date Analyzed: 3/3/98 Date Ext/Dig/Prep: 3/3/98 Result Units: Analyte Name Analytical Results Reported Detection Limits TCLP Extraction NA 0 ANALYSIS: TCLP Mercury Method Ref. 7470A Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/2/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Limits Method Ref. 3010A/6010B Analyte Reg Limit = 5.0) Result Units: mg/L Analyte Name Analytical Results Reported Detection Limits Arsenic (Reg Limit = 5.0) SRDL Result Units: mg/L Arsenic (Reg Limit = 1.00.0) 1.1 1 1 Arsenic (Reg Limit = 5.0) SRDL 1 1 Cadmum (Reg Limit = 1.0) SRDL 1 1 Cadmum (Reg Limit = 5.0) SRDL 1 1 Selectium (Reg Limit = 5.0) SRDL 1 1 Selectium (Reg Limit = 5.0) SRDL <t< th=""><th>Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Te</th><th>chnical)</th><th></th><th><rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl></th></t<>	Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Te	chnical)		<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 2 10 20 20
Analyte Name Analyteal Results Reported Detection Limits TCLP Extraction NA 0 ANALYSIS: TCLP Mercury Method Res 7470A Date Analyzed: 372/98 Date Ext/Dig/Prep: 3/2/98 Result Units: mg/L Analyte Name Analytical Results Result Units: mg/L Analyte Name Analyte Ext/Dig/Prep: 3/5/98 Result Units: mg/L Arsenic (Reg Limit = 5.0) Analyte Results: Result Units: mg/L Arsenic (Reg Limit = 100.0) 1.1 1 1 Cadmium (Reg Limit = 1.0) 4RDL 1 1 Cadmium (Reg Limit = 1.0) 4RDL 1 1 Chromium (Reg Limit = 1.0) 4RDL 1 1 Selenium (Reg Limit = 1.0) 4RDL 1 1 Silver (Reg Limit = 5.0) 4RDL 1 1 Selenium (Reg Limit = 1.0) 4RDL 1 1 Silver (Reg Limit = 5.0) 4RDL 3 3 5 Date Analyzed:	ANALYSIS: TCLF	Extraction 1	Procedure	M	Iethod Ref; 1311
NA	Date Analyzed:	3/3/98	Date Ext/Dig/Prep:	3/3/98 R	esult Units:
ANALYSIS: TCLP Mercury Method Ref: 7470A Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/2/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Limits Mercury (Reg Limit = 0.2) RDL 0.01 ANALYSIS: TCLP Metals Method Ref: 3010A/6010B Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/5/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Limits Arsenic (Reg Limit = 5.0) 4RDL 1 Barium (Reg Limit = 1.00) 1.1 1 Cadmium (Reg Limit = 5.0) 4RDL 1 Lead (Reg Limit = 5.0) 4RDL 1 Lead (Reg Limit = 5.0) 4RDL 1 Selenium (Reg Limit = 1.0) 4RDL 1 Silver (Reg Limit = 5.0) 4RDL 1 Silver (Reg Limit = 5.0) 4RDL 1 Silver (Reg Limit = 5.0) 4RDL 1 Analyte (Reg Limit = 5.0) 4RDL 5 Analyte (Reg Limit = 5.0) 4RDL 6	Analyte Name			Analytical Results	Reported Detection Limits
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/2/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Limits Mercury (Reg Limit = 0.2) <rdl< td=""> 0.01 ANALYSIS: TCLP Metals Method Ref: 3010A/6010B Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/5/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Limits Arsenic (Reg Limit = 5.0) <rdl< td=""> 1 1 Barium (Reg Limit = 1.00.0) 1.1 1 1 1 Chromium (Reg Limit = 5.0) <rdl< td=""> 1 1 1 Lead (Reg Limit = 5.0) <rdl< td=""> 1 <</rdl<></rdl<></rdl<></rdl<>	TCLP Extraction			NA	0
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/2/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Limits Mercury (Reg Limit = 0.2) <rdl< td=""> 0.01 ANALYSIS: TCLP Metals Method Ref: 3010A/6010B Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/5/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Limits Arsenic (Reg Limit = 5.0) <rdl< td=""> 1 1 Barium (Reg Limit = 1.00.0) 1.1 1 1 1 Chromium (Reg Limit = 5.0) <rdl< td=""> 1 1 1 Lead (Reg Limit = 5.0) <rdl< td=""> 1 <</rdl<></rdl<></rdl<></rdl<>	ANIAY WOTO, TOOY Y	Monouer		n /	Jethod Ref∵ 7470∆
Analyte Name Analytical Results Reported Detection Limits Mercury (Reg Limit = 0.2) < RDL			Date Ext/Dig/Pren		
ANALYSIS: TCLP Metals Method Ref. 3010A/6010B Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/5/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Limits Arsenic (Reg Limit = 5.0) <rdl< td=""> 1 Barium (Reg Limit = 1.00 .0) 1.1 1 Cadmium (Reg Limit = 5.0) <rdl< td=""> 1 Chromium (Reg Limit = 5.0) <rdl< td=""> 1 Selenium (Reg Limit = 5.0) <rdl< td=""> 1 Analytical Results % Analytical Results Result Units: % Analyte Name Metho</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	•	312176	Date Date Dig Trop.		Ç
ANALYSIS: TCLP Metals Method Ref: 3010A/6010B Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/5/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Limits Arsenic (Reg Limit = 5.0) RDL 1 Barium (Reg Limit = 1.0) RDL 1 Cadmium (Reg Limit = 5.0) RDL 1 Lead (Reg Limit = 5.0) RDL 1 Selenium (Reg Limit = 1.0) RDL 1 Silver (Reg Limit = 5.0) REDL 1 Date Analyzed: 3/14/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name Analyteal Results Result Units: % Analyte Name Analyteal Results Result Units: % Analyte Name <td></td> <td></td> <td></td> <td></td> <td></td>					
Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/5/98 Result Units: mg/L	Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.01</td></rdl<>	0.01
Analyte Name Analytical Results Reported Detection Limits Arsenic (Reg Limit = 5.0) <rdl< td=""> 1 Barium (Reg Limit = 100.0) 1.1 1 Cadmium (Reg Limit = 5.0) <rdl< td=""> 1 Chromium (Reg Limit = 5.0) <rdl< td=""> 1 Lead (Reg Limit = 5.0) <rdl< td=""> 1 Selenium (Reg Limit = 1.0) <rdl< td=""> 1 Silver (Reg Limit = 5.0) <rdl< td=""> 1 ANALYSIS: X DRO QC Surrogates (Soil) Method Ref: 3550A/8015 Date Analyzed: 3/14/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name 73 0 Analyzed: 3/13/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name Analytical Results Result Units: % Analyte Name Analytical Results Reported Detection Limits 2-Fluorobiphenyl 50 0</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	ANALYSIS: TCLP	Metals		M	Tethod Ref: 3010A/6010B
Arsenic (Reg Limit = 5.0)	Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/5/98 R	esult Units: mg/L
Barium (Reg Limit = 100.0)	Analyte Name			Analytical Results	Reported Detection Limits
Barium (Reg Limit = 100.0)	Arsenic (Reg Limit =	= 5.0)		<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Limit = 5.0)					1
Lead (Reg Limit = 5.0)	, -				
Selenium (Reg Limit = 1.0) Silver (Reg Limit = 5.0) ANALYSIS: X DRO QC Surrogates (Soil) Date Analyzed: 3/14/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name o-Terphenyl ANALYSIS: X PAH/BN QC Surrogates (Soils) Date Analyzed: 3/13/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name Analyte Name Date Analyzed: 3/13/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name Analyte Name Analyte Name Analyte Reported Detection Limits 2-Fluorobiphenyl 50 0					_
Silver (Reg Limit = 5.0) ANALYSIS: X DRO QC Surrogates (Soil) Date Analyzed: 3/14/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name o-Terphenyl 73 Method Ref: 3550A/8015 Result Units: % Analytical Results Reported Detection Limits 0 ANALYSIS: X PAH/BN QC Surrogates (Soils) Date Analyzed: 3/13/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name Analytical Results Analytical Results Reported Detection Limits 6 Analyte Name Analytical Results Perorted Detection Limits 6 Analyte Name 50 0					l 1
ANALYSIS: X DRO QC Surrogates (Soil) Date Analyzed: 3/14/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name o-Terphenyl ANALYSIS: X PAH/BN QC Surrogates (Soils) Date Analyzed: 3/13/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name Analyzed: 3/13/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name Analyte Name Analyte Name 2-Fluorobiphenyl 50 Method Ref: 3550A/8270B Result Units: %	, –	•			1
Date Analyzed: 3/14/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name o-Terphenyl ANALYSIS: X PAH/BN QC Surrogates (Soils) Date Analyzed: 3/13/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name Analyte Name Analyte Name 2-Fluorobiphenyl 50 Analytical Results Reported Detection Limits % Analytical Results Reported Detection Limits	Silver (Reg Limit = :	5.0)		≺KDL	ı
Analyte Name o-Terphenyl Analytical Results 73 O ANALYSIS: X PAH/BN QC Surrogates (Soils) Date Analyzed: 3/13/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name 2-Fluorobiphenyl 50 O Analytical Results Reported Detection Limits Reported Detection Limits O O O O O O O O O O O O O	ANALYSIS: X DR	O QC Surro	gates (Soil)	M	lethod Ref: 3550A/8015
o-Terphenyl 73 0 ANALYSIS: X PAH/BN QC Surrogates (Soils) Method Ref: 3550A/8270B Date Analyzed: 3/13/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name Analytical Results Reported Detection Limits 2-Fluorobiphenyl 50 0	Date Analyzed:	3/14/98	Date Ext/Dig/Prep:	3/10/98 R	esult Units: %
ANALYSIS: X PAH/BN QC Surrogates (Soils) Date Analyzed: 3/13/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name 2-Fluorobiphenyl 50 Method Ref: 3550A/8270B Result Units: % Analytical Results Reported Detection Limits	Analyte Name			Analytical Results	Reported Detection Limits
Date Analyzed: 3/13/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name 2-Fluorobiphenyl 50 0	o-Terphenyl			73	0
Date Analyzed: 3/13/98 Date Ext/Dig/Prep: 3/10/98 Result Units: % Analyte Name 2-Fluorobiphenyl 50 0	ANIAY WOTO, W. D.A	HAN OC C.	······································	N/	Lethod Ref: 3550A/8270R
Analyte Name Analytical Results 2-Fluorobiphenyl 50 0					
2-Fluorobiphenyl 50 0		0, 10, 20			
		L. L.AROR ATOR	RY. INC. <rdi< td=""><td></td><td></td></rdi<>		

Client Sample ID: EB-F5-X

AALSample ID #: AB38329 Accura Project #: 15782

Nitrobenzene-d5	41	0
p-Terphenyl-d14	87	0

ANALYSIS:	X	Pest/PCB QC Surrogates (Soils)
-----------	---	--------------------------------

Method Ref: 3550A/8081/2

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/10/98

Result Units: %

<u>Analyte Name</u> <u>Analytical Results</u>

Reported Detection Limits

Decachlorobiphenyl Tetrachloro-m-xylene 100 94 0 0

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 8260A

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

nits: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	95	. 0
4-Bromofluorobenzene	118	0
Toluene-d8	105	0

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<RDL = Less than Reported Detection Limit

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AALSample ID #: AB38329 Accura Project #: 15782

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38330

Accura Project #: 15782

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/17/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: WATER

Client Sample ID:

I-TB

ANALYSIS: VOC's

Method Ref: 5030A/8260A

Date Analyzed:

3/3/98

Date Ext/Dig/Prep: 3/3/98

Result Units: ug/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1,2-Trichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloropropane	<rdl< td=""><td>5</td></rdl<>	5
1,3-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
1,4-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
2-Butanone (MEK)	<rdl< td=""><td>50</td></rdl<>	50
2-Chloroethylvinyl ether	<rdl< td=""><td>10</td></rdl<>	10
2-Hexanone	<rdl< td=""><td>50</td></rdl<>	50
4-Methyl-2-pentanone (MIBK)	<rdl< td=""><td>50</td></rdl<>	50
Acetone	<rdl< td=""><td>50</td></rdl<>	50
Benzene	<rdl< td=""><td>5</td></rdl<>	5
Bromodichloromethane	<rdl< td=""><td>5</td></rdl<>	5
Bromoform	<rdl< td=""><td>5</td></rdl<>	5
Bromomethane	<rdl< td=""><td>5</td></rdl<>	5
Carbon disulfide	<rdl< td=""><td>5</td></rdl<>	5
Carbon tetrachloride	<rdl< td=""><td>5</td></rdl<>	5
Chlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
Chloroethane	<rdl< td=""><td>5</td></rdl<>	5
Chloroform	<rdl< td=""><td>5</td></rdl<>	5
Chloromethane	<rdl< td=""><td>5</td></rdl<>	5
cis-1,2-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
cis-1,3-Dichloropropene	<rdl< td=""><td>5</td></rdl<>	5
Dibromochloromethane	<rdl< td=""><td>5</td></rdl<>	5
Ethylbenzene	<rdl< td=""><td>5</td></rdl<>	5
Methylene chloride	<rdl< td=""><td>5</td></rdl<>	5
Styrene	<rdl< td=""><td>5</td></rdl<>	5
Tetrachloroethene	<rdl< td=""><td>5</td></rdl<>	5

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<RDL = Less than Reported Detection Limit

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Client Sample ID: I-TB

AALSample ID#: AB38330 Accura Project#: 15782

Toluene	<rdl< th=""><th>5</th></rdl<>	5
trans-1,2-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
trans-1,3-Dichloropropene	<rdl< td=""><td>5</td></rdl<>	5
Trichloroethene	<rdl< td=""><td>5</td></rdl<>	5
Trichlorofluoromethane	<rdl< td=""><td>5</td></rdl<>	5
Vinyl acetate	<rdl< td=""><td>100</td></rdl<>	100
Vinyl chloride	<rdl< td=""><td>2</td></rdl<>	2
Xylenes (Total)	<rdl< td=""><td>5</td></rdl<>	5

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 8260A

Date Analyzed:

3/3/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

s: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	106	0
4-Bromofluorobenzene	105	0
Toluene-d8	103	0

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38331

Accura Project #: 15782

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/18/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

METHOD BLANK

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analytical Results Reported Detection Limits Analyte Name <RDL 5 Benzene 5 <RDL Ethyl benzene 5 <RDL Toluene 5 <RDL **Xylenes**

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/10/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

<RDL

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units: mg/Kg

Reported Detection Limits Analytical Results Analyte Name <RDL 5 Arsenic 5 <RDL Barium <RDL 0.5 Cadmium <RDL 5 Chromium 5 <RDL Lead 5 Selenium <RDL 5 <RDL Silver

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<RDL = Less than Reported Detection Limit

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Client Sample ID: METHOD BLANK

AALSample ID#: AB38331 Accura Project#: 15782

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

ug/Kg

Reported Detection Limits
330
330
330
330
330
330
330
330
330
330
330
330
330
330
330
330
330
330

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Te			<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLI				hod Ref: 1311
Date Analyzed:	3/3/98	Date Ext/Dig/Prep:	3/3/98 Res	ult Units:
Analyte Name			Analytical Results	Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLI	Mercury		Met	hod Ref: 7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98 Res	ult Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.01</td></rdl<>	0.01
Moreury (Rog Dillin	0.2)		****	
ANALYSIS: TCLI	Metals		Met	hod Ref: 3010A/6010B
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/5/98 Res	ult Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Arsenic (Reg Limit			<rdl< td=""><td>I</td></rdl<>	I
Barium (Reg Limit			<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Lim	•		<rdl< td=""><td>l</td></rdl<>	l
Chromium (Reg Lin			<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1
Lead (Reg Limit = 5 Selenium (Reg Limi			<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit =			<rdl< td=""><td>I</td></rdl<>	I
ANALYSIS: X DI				hod Ref: 3550A/8015
Date Analyzed:	3/10/98	Date Ext/Dig/Prep:		ult Units: %
Analyte Name			Analytical Results	Reported Detection Limits
o-Terphenyl			77	0
ANALYSIS: X PAH/BN QC Surrogates (Soils)		Met	hod Ref: 3550A/8270B	
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98 Res	ult Units: %
Analyte Name		ı	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl			41	0
ACCURA ANALYTICA	L LABORATOR	Y, INC. <rdl< td=""><td>= Less than Reported Detecti</td><td>ion Limit Pg 49 of 52</td></rdl<>	= Less than Reported Detecti	ion Limit Pg 49 of 52

Client Sample ID: METHOD BLANK AALSample ID #: AB38331 Accura Project #: 15782

Nitrobenzene-d5	38	0
p-Terphenyl-d14	82	0

ANALYSIS:	X	Pest/PCB (OC Surrogates	(Soils)

Method Ref: 3550A/8081/2

Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	%
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Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl Tetrachloro-m-xylene	94 82	0

ANALYSIS: X VOC QC Surrogates (Waters)	: X VOC QC Surrogates (Waters)
--	--------------------------------

Method Ref: 8260A

Date Alialyzeu. 3/4/30 Date Ext Dig/110p. 3/4/30 Result Offic. 70	Date Analyzed:	3/4/98	Date Ext/Dig/Prep:	3/4/98	Result Units:	%
---	----------------	--------	--------------------	--------	---------------	---

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	103	0
4-Bromofluorobenzene	113	0
Toluene-d8	104	0

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<RDL = Less than Reported Detection Limit

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AALSample ID #: AB38331 Accura Project #: 15782

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38332

Accura Project #: 15782

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/17/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: WATER

Client Sample ID:

METHOD BLANK

ANALYSIS: VOC's

Method Ref: 5030A/8260A

Date Analyzed:

3/3/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

ug/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1,2-Trichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloropropane	<rdl< td=""><td>5</td></rdl<>	5
1,3-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
1,4-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
2-Butanone (MEK)	<rdl< td=""><td>50</td></rdl<>	50
2-Chloroethylvinyl ether	<rdl< td=""><td>10</td></rdl<>	10
2-Hexanone	<rdl< td=""><td>50</td></rdl<>	50
4-Methyl-2-pentanone (MIBK)	<rdl< td=""><td>50</td></rdl<>	50
Acetone	<rdl< td=""><td>50</td></rdl<>	50
Benzene	<rdl< td=""><td>5</td></rdl<>	5
Bromodichloromethane	<rdl< td=""><td>5</td></rdl<>	5
Bromoform	<rdl< td=""><td>5</td></rdl<>	5
Bromomethane	<rdl< td=""><td>5</td></rdl<>	5
Carbon disulfide	<rdl< td=""><td>5 -</td></rdl<>	5 -
Carbon tetrachloride	<rdl< td=""><td>5</td></rdl<>	5
Chlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
Chloroethane	<rdl< td=""><td>5</td></rdl<>	5
Chloroform	<rdl< td=""><td>5</td></rdl<>	5
Chloromethane	<rdl< td=""><td>5</td></rdl<>	5
cis-1,2-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
cis-1,3-Dichloropropene	<rdl< td=""><td>5</td></rdl<>	5
Dibromochloromethane	<rdl< td=""><td>5</td></rdl<>	5
Ethylbenzene	<rdl< td=""><td>5</td></rdl<>	5
Methylene chloride	<rdl< td=""><td>5</td></rdl<>	5
Styrene	<rdl< td=""><td>5</td></rdl<>	5
Tetrachloroethene	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Client Sample ID: METHOD BLANK

AALSample ID #: AB38332 Accura Project #: 15782

Toluene trans-1,2-Dichloroethene trans-1,3-Dichloropropene Trichloroethene Trichlorofluoromethane Vinyl acetate Vinyl chloride	<rdl <rdl <rdl <rdl <rdl <rdl <rdl< th=""></rdl<></rdl </rdl </rdl </rdl </rdl </rdl
Xylenes (Total)	RDL RDL



MINDIDIDI A VOC OCCULIUZANO (MANIS)	ANALYSIS:	X	VOC QC Surrogates (Waters)	
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Method Ref: 8260A

Date Analyzed:

3/3/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

ts: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	97	0
4-Bromofluorobenzene	101	0
Toluene-d8	104	0

Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 52 of 52

Client Sample ID: METHOD BLANK

AALSample ID#: AB38332 Accura Project#: 15782

Environmental Analytical Services

CHAIN OF CUSTODY

Company Name: Offered Filister Marital Services

6017 Financial Drive, Norcross, GA 30071 Phone # (770) 449-8800 Fax # (770) 449-5477 Billing address:

	For Daboratory Use Only	γ . N Page $ \cdot $. OF S	2 3 4 Init Temp: Per 4°C	V AAL Lab Project	/ /0/		Accura	Remarks No. AB	8838	9582	83/19/2	には、「は、「は、」では、」では、「は、」では、「は、」では、「は、」では、」では、「は、」では、」では、「は、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」では、」では、「は、」は、」では、「は、」は、」は、「は、」は、「は、」は、「は、」は、「は、」は、「は、」は、「は、」は、「は、」は、「は、」は、「は、」は、「は、」は、「は、」は、「は、」は、「は、」は、「は、」は、「は、」は、「は、」は、「は、」は、「は、」は、は、は、は、	77//	1/// Season	65088	00E88	10082 1/1//		1/1/	58,216,3	Special Requirements Or Ren	Time Special Requirements Or Ren
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' }	j.	6 Fax# 912	Training	-2-08-		San Silveris	.├	rab Vatrix Vreserv													Date / Time	
Address: 466/ Humponill RA, Suite B	Report Sent to: (Client Contact):	Contact Phone #/9/2 1357 100 C	Huter AAF F	Project Number: DACA 21-		Samplers: (signature)		Sample ID # Date / Time	2/24/94	EB-F7 2/26/98	7.0	7 7	EB-F8 2/26/198	EW-65-a 2/26/98	EW-65-6 2/26/98	EB-65 2/26/198	EB-66 12/26/94	FR- (=7)196/04	70 7 1 1 101	EB-68 2/26/18	/I = I/T\ :	7

Environmental Analytical Services

CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071 # (770) 449-8800 Fax # (770) 449-5477 Phone # (770) 449-8800

			8 40	あいより	18 4			Accura	Sample ID No. AB	36204	38205						marks:	sted:	COC61.9 VI c
		miy	Page Q OI	hitemp: 6	AAL Lab Project# 157784	\			Remarks								Special Requirements Or Remarks:	Turnaround Time Requested:	
		For Laboratory Use Only	Pae		XXLT	7					/						Special Req	Turnaro	
		For Labor	Z	3.4	OOD	100				11/							Date(Nime	Date / Time	
dress:).#		seal: Y	Z	Sample Condition: (CC				X \	/ / /							2 Date	Date	cellaneous)
Billing address:	Z Client P.O. #		Custody Seal:	QC Level: N	Sample C	`	^?\\$\\\ 		ers	1							d By:	.y:	Foods) (M = Mise
	5.4 3084	15 Sherma	Som-				nted)	V	No. of Containers	S	CI		 				AN (MMA) IN D	Received B	Air Samnle) (F≖
12°	teker C	-/ Thu	2) 767	Alex	2600	•	Samplers: (printed)		Sample Location:								Part		Miscellaneous) (F = Foods) (M = Wother) (I = I jamid) (F = Cartridge) (SI = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)
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Mona Envir	405.6	Contact):	1-12/	when ith	DACA		teure)		Sample Date / Time	2/24/9	0/20/0	/					hed By:	ned By:	Sail W = Water
1	1	(eport Sent to: (Client Contact):	hone # 1/12	ame:	umber:	(Samplers: (signature)		Sample ID #	68-X	178						Relinguished By:	Relinguished By:	- 3/rin O
Company Name:	ddress:	eport Se	ontact Phone #	roject Name:	roject Number:				Sam	FB-	H								*

6017 Financial Drive, Norcross, Georgia, 30071, Phone (770) 449-8800

CASE NARRATIVE for Project Number: 15784

Client Project: Hunter AAF Fire Training Area / DACA21-97-C-0042

The following items were noted concerning this project:

1. The following samples required dilution due to high analyte concentration and/or matrix interference, resulting in elevated detection limits:

BTEX - SW-846-8020A

EB-F6

EB-F7

EB-F8

EW-G5-A

EB-G5

EB-G6

EB-G7

EB-G8

EB-G8-X

Diesel Range Organics (DRO) - SW-846-8015

EB-F6

EB-F7

EB-F8

EB-G6

EB-G7

EB-G8

EB-G8-X

PCB - SW-846-8082

EB-F7

Pesticides - SW-846-8081A

EB-F7

PAH - SW-846-8270B

EB-F6

EB-F7

EB-F8

EB-G6

EB-G7

EB-G8

EB-GX-8

- 2. The hits in samples EB-F6, EB-F7, EB-F8, EB-G6, EB-G7, EB-G8 and EB-G8-X appear to be light hydrocarbons such as kerosene. The hit in sample EB-G5 appears to be a heavy hydrocarbon such as an oil. The hit in sample EW-G5-B appears to be a mixture of hydrocarbons that are heavier and lighter than diesel fuel.
- 3. One surrogate was outside the method specified limit due to matrix interference for the following samples:

BTEX - SW-846-8260A

4-Bromofluorobenzene -

EB-F6

EB-F7

EW-G5-A

EW-G5-B

EB-G5

EB-G6

EB-G8

EB-G8-X

4. The response of one or more internal standards was outside the method specified limit for the following sample due to matrix interference:

<u>BTEX - SW-846-8260A</u> EW-G5-B

The results for these samples should be considered estimated.

5. The surrogate for the following samples was diluted out; therefore no recoveries could be reported:

<u>Diesel Range Organics (DRO) - SW-846-8015</u>								
EB-F6	EB-F7	EB-F8	EB-G6	EB-G7	EB-G8			
EB-G8-X								

Quality Assurance

Client Services Representative

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38255

Accura Project #: 15784

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/12/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EB-F6

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Benzene	<rdl< td=""><td>500</td></rdl<>	500
Ethyl benzene	570	500
Toluene	<rdl< td=""><td>500</td></rdl<>	500
Xylenes	22,000	500

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

820

100

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<rdl< td=""><td>5</td></rdl<>	5
Barium	11	5
Cadmium	<rdl< td=""><td>0.5</td></rdl<>	0.5
Chromium	<rdl< td=""><td>5</td></rdl<>	5
Lead	<rdl< td=""><td>5</td></rdl<>	5
Selenium	<rdl< td=""><td>5</td></rdl<>	5
Silver	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Client Sample ID: EB-F6

AALSample ID #: AB38255 Accura Project #: 15784

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/5/98

Result Units: ug/Kg

	•	
Analyte Name	Analytical Results	Reported Detection Limits
I-Methylnaphthalene	5,000	1700
2-Methylnaphthalene	6,900	1700
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	2,500	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330
•		

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 2 of 48

Dieldrin Endosulfan sulfate			<rdl <rdl< th=""><th>2 2</th></rdl<></rdl 	2 2	
Endrin			<rdl< td=""><td>2</td></rdl<>	2	
Endrin aldehyde			<rdl< td=""><td>2</td></rdl<>	2	
gamma-BHC			<rdl< td=""><td>2</td></rdl<>	2	
Heptachlor			<rdl< td=""><td>2</td></rdl<>	2	
Heptachlor epoxide			<rdl< td=""><td>2</td></rdl<>	2	
Methoxychlor			<rdl< td=""><td>10</td></rdl<>	10	
Total Chlordane (Te	chnical)		<rdl< td=""><td>20</td></rdl<>	20	
Toxaphene			<rdl< td=""><td>. 20</td></rdl<>	. 20	
ANALYSIS: TCLF	Extraction 1	Procedure	Method Ref: 1311		
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:	
Analyte Name			Analytical Results	Reported Detection Limits	
TCLP Extraction			NA	0	
ANALYSIS: TCLF	Mercury)	Method Ref: 7470A	
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units: mg/L	
Analyte Name			Analytical Results	Reported Detection Limits	
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1	
ANALYSIS: TCLF	Metals]	Method Ref: 3010A/6010B	
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/3/98	Result Units: mg/L	
Analyte Name			Analytical Results	Reported Detection Limits	
Arsenic (Reg Limit =	= 5 (1)		<rdl< td=""><td>1</td></rdl<>	1	
Barium (Reg Limit =			<rdl< td=""><td>1</td></rdl<>	1	
Cadmium (Reg Limi			<rdl< td=""><td>1</td></rdl<>	1	
Chromium (Reg Lim			<rdl< td=""><td>1</td></rdl<>	1	
Lead (Reg Limit = 5	-		<rdl< td=""><td>1</td></rdl<>	1	
Selenium (Reg Limi	t = 1.0)		<rdl< td=""><td>1</td></rdl<>	1	
Silver (Reg Limit = :	5.0)		<rdl< td=""><td>1</td></rdl<>	1	
ANALYSIS: X DR	O QC Surro	gates (Soil)	1	Method Ref: 3550A/8015	
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units: %	
Analyte Name			Analytical Results	Reported Detection Limits	
o-Terphenyl			See narrative	0	
ANALYSIS: X PA	H/BN QC Su	irrogates (Soils)		Method Ref: 3550A/8270B	
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/5/98	Result Units: %	
Analyte Name			Analytical Results	Reported Detection Limits	
2-Fluorobiphenyl			68	0	
ACCURA ANALYTICA	L LABORATOR	RY, INC. <rdl< td=""><td>= Less than Reported De</td><td>etection Limit Pg 3 of 48</td></rdl<>	= Less than Reported De	etection Limit Pg 3 of 48	

Client Sample ID: EB-F6 AALSample ID #: AB38255 Accura Project #: 15784

Nitrobenzene-d5	96	0
p-Terphenyl-d14	84	0

ANALYSIS:	X	Pest/PCB	QC Surrogates	(Soils)
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Method Ref: 3550A/8081/2

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	86	0
Tetrachloro-m-xylene	85	0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	101	0
4-Bromofluorobenzene	125	0
Toluene-d8	96	0

Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 4 of 48

AALSample ID#: AB38255 Accura Project#: 15784

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38256

Accura Project #: 15784

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/12/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EB-F7

ANALYSIS: BTEX

Method Ref: 5030A/8260A

ug/Kg

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

Reported Detection Limits Analytical Results Analyte Name 1,400 500 Benzene 500 Ethyl benzene 20,000 <RDL 500 Toluene 11,000 500 **Xylenes**

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

3,100

500

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analytical Results Reported Detection Limits Analyte Name 5 <RDL Arsenic 10 5 Barium 0.9 0.5 Cadmium <RDL 5 Chromium 23 5 Lead <RDL 5 Selenium 5 Silver <RDL

ACCURA ANALYTICAL LABORATORY, INC.

< RDL = Less than Reported Detection Limit

Pg 5 of 48

Client Sample ID: EB-F7

AALSample ID #: AB38256 Accura Project #: 15784

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/5/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	15,000	1700
2-Methylnaphthalene	25,000	6600
Acenaphthene	<rdl< td=""><td>1700</td></rdl<>	1700
Acenaphthylene	<rdl< td=""><td>1700</td></rdl<>	1700
Anthracene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(a)anthracene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(a)pyrene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(b)fluoranthene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(g,h,i)perylene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(k)fluoranthene	<rdl< td=""><td>1700</td></rdl<>	1700
Chrysene	<rdl< td=""><td>1700</td></rdl<>	1700
Dibenzo(a,h)anthracene	<rdl< td=""><td>1700</td></rdl<>	1700
Fluoranthene	<rdl< td=""><td>1700</td></rdl<>	1700
Fluorene	<rdl< td=""><td>1700</td></rdl<>	1700
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>1700</td></rdl<>	1700
Naphthalene	14,000	1700
Phenanthrene	<rdl< td=""><td>1700</td></rdl<>	1700
Pyrene	<rdl< td=""><td>1700</td></rdl<>	1700

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>80</td></rdl<>	80
PCB-1232	<rdl< td=""><td>80</td></rdl<>	80
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>4</td></rdl<>	4
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Dieldrin			<rdl< td=""><td></td><td>2</td></rdl<>		2
Endosulfan sulfate			<rdl< td=""><td></td><td>2</td></rdl<>		2
Endrin			<rdl< td=""><td></td><td>2</td></rdl<>		2
Endrin aldehyde			<rdl< td=""><td></td><td>2</td></rdl<>		2
gamma-BHC			<rdl< td=""><td></td><td>2</td></rdl<>		2
Heptachlor			<rdl< td=""><td></td><td>2</td></rdl<>		2
Heptachlor epoxide	:		<rdl< td=""><td></td><td>2</td></rdl<>		2
Methoxychlor			<rdl< td=""><td></td><td>20</td></rdl<>		20
Total Chlordane (To	echnical)		<rdl< td=""><td></td><td>20</td></rdl<>		20
Toxaphene			<rdl< td=""><td></td><td>20</td></rdl<>		20
ANALYSIS: TCL	P Extraction I	Procedure		Method Ref: 1311	
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:	

Analyte Name

Analytical Results

Reported Detection Limits

TCLP Extraction

NA

0

ANALYSIS: TCLP Mercury

Method Ref: 7470A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units: mg/L

Analyte Name

Analytical Results

Reported Detection Limits

Mercury (Reg Limit = 0.2)

<RDL

0.1

ANALYSIS: TCLP Metals

Method Ref: 3010A/6010B

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/3/98

Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic (Reg Limit = 5.0)	<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit = 100.0)	<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Limit = 1.0)	<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Limit = 5.0)	<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5.0)	<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Limit = 1.0)	<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit = 5.0)	<rdl< td=""><td>1</td></rdl<>	1

ANALYSIS: X DRO QC Surrogates (Soil)

Method Ref: 3550A/8015

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

Reported Detection Limits

Analyte Name

Analytical Results

%

o-Terphenyl

See narrative

ANALYSIS: X PAH/BN QC Surrogates (Soils)

Method Ref: 3550A/8270B

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

Analyte Name

Analytical Results

Reported Detection Limits 0

2-Fluorobiphenyl

74

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<RDL = Less than Reported Detection Limit

Pg 7 of 48

Client Sample ID; EB-F7

AALSample ID #: AB38256 Accura Project #: 15784

Nitrobenzene-d5	112	0
p-Terphenyl-d14	75	0

ANALYSIS:	X	Pest/PCB	QC Surrogates	(Soils)	j
-----------	---	----------	---------------	---------	---

Method Ref: 3550A/8081/2

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

%

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	71	0
Tetrachloro-m-xylene	72	0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	99	0
4-Bromofluorobenzene	147	0
Toluene-d8	94	0

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<RDL = Less than Reported Detection Limit

Pg 8 of 48

AALSample ID#: AB38256 Accura Project#: 15784

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38257

Accura Project #: 15784

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/13/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EB-F8

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

ug/Kg

Reported Detection Limits Analytical Results Analyte Name 2500 <RDL Benzene 18,000 2500 Ethyl benzene <RDL 2500 Toluene 62,000 2500 **Xylenes**

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

1,100

100

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Date Ext/Dig/Prep: 3/2/98

Method Ref: 3050B/6010B

mg/Kg

Date Analyzed:

3/4/98

Result Units:

Reported Detection Limits Analytical Results Analyte Name 5 <RDL Arsenic 13 5 Barium 0.5 <RDL Cadmium 5 <RDL Chromium 5 7.2 Lead <RDL 5 Selenium 5 <RDL Silver

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<RDL = Less than Reported Detection Limit

Pg 9 of 48

Client Sample ID: EB-F8

AALSample ID #: AB38257 Accura Project #: 15784

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date	Anal	lvzed:
Date	Апа	IVZCU.

3/6/98

Date Ext/Dig/Prep: 3/5/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	5,500	1600
2-Methylnaphthalene	<rdl< td=""><td>1600</td></rdl<>	1600
Acenaphthene	<rdl< td=""><td>1600</td></rdl<>	1600
Acenaphthylene	<rdl< td=""><td>1600</td></rdl<>	1600
Anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(a)anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(a)pyrene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(b)fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(g,h,i)perylene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(k)fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Chrysene	<rdl< td=""><td>1600</td></rdl<>	1600
Dibenzo(a,h)anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Fluorene	<rdl< td=""><td>1600</td></rdl<>	1600
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>1600</td></rdl<>	1600
Naphthalene	<rdl< td=""><td>1600</td></rdl<>	1600
Phenanthrene	<rdl< td=""><td>1600</td></rdl<>	1600
Pyrene	<rdl< td=""><td>1600</td></rdl<>	1600

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Teo	chnical)		<rdl <rdl="" <rdl<="" th=""><th></th><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>		2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLP	Extraction I	Procedure		Method Ref: 1311	
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:	
·			Analytical Resul	to Ras	ported Detection Limits
Analyte Name				is Ke	
TCLP Extraction			NA		0
ANALYSIS: TCLP	Mercury			Method Ref:	7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:	mg/L
•			Analytical Resul	to Res	ported Detection <u>Limits</u>
Analyte Name				<u>.s rc</u>	
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
ANALYSIS: TCLP	Metals			Method Ref:	3010A/6010B
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/3/98	Result Units:	mg/L
Analyte Name			Analytical Resul	ts Rej	ported Detection Limits
Arsenic (Reg Limit =	5.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Barium (Reg Limit =			<rdl< td=""><td></td><td>1</td></rdl<>		1
Cadmium (Reg Limit			<rdl< td=""><td></td><td>1</td></rdl<>		1
Chromium (Reg Lim			<rdl< td=""><td></td><td>1</td></rdl<>		1
Lead (Reg Limit = 5.	0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Selenium (Reg Limit	= 1.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Silver (Reg Limit = 5	5.0)		<rdl< td=""><td></td><td>ĺ</td></rdl<>		ĺ
ANALYSIS: X DR	O QC Surro	gates (Soil)	-	Method Ref:	3550A/8015
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	%
Analyte Name			Analytical Resul	ts Rep	ported Detection Limits
o-Terphenyl			See narrati	ve	0
				14 15 6	2550 & 190307
ANALYSIS: X PAH/BN QC Surrogates (Soils)		2/5/00		3550A/8270B	
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	%
Analyte Name			Analytical Resul	<u>Re</u>	ported Detection Limits
2-Fluorobiphenyl			67		0
ACCURA ANALYTICAI	LABORATOR	RY, INC. <rdl< td=""><td>= Less than Reported</td><td>Detection Limit</td><td>Pg 11 of 48</td></rdl<>	= Less than Reported	Detection Limit	Pg 11 of 48

Client Sample ID: EB-F8 AAL Sample I

AALSample ID#: AB38257 Accura Project#: 15784

Nitrobenzene-d5 p-Terphenyl-d14			97 76		0
ANALYSIS: X Pest/PCB QC Surrogates (Soils)			Method Ref: 3550A/8081/2		
Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/4/98	Result Units:	%
Analyte Name Anal		Analytical Resul	ts <u>Re</u> j	ported Detection Limits	
Decachlorobiphenyl			74		0
Tetrachloro-m-xylene			74		0
ANALYSIS: X VOC QC Surrogates (Soils)			Method Ref: 8260A		
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u> p	ported Detection Limits
1,2-Dichloroethane-d4	r		103		0
4-Bromofluorobenzen	е		120		0
Toluene-d8			93		0

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38258

Accura Project #: 15784

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/13/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EW-G5-A

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Reported Detection Limits Analytical Results Analyte Name <RDL 10 Benzene 10 11 Ethyl benzene <RDL 10 Toluene 10 21 **Xylenes**

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

<RDL

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

Analyte Name

Date Analyzed:

Analytical Results

Reported Detection Limits

mg/Kg

Mercury

Silver

<RDL

0.5

ANALYSIS: Metals - RCRA

Date Ext/Dig/Prep: 3/2/98 3/4/98

mg/Kg Result Units:

Method Ref: 3050B/6010B

Reported Detection Limits Analytical Results Analyte Name 5 <RDL Arsenic 5 9.5 Barium 0.5 <RDL Cadmium 5 <RDL Chromium 5 <RDL Lead 5 <RDL Selenium 5 <RDL

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<RDL = Less than Reported Detection Limit

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Client Sample ID: EW-G5-A

AALSample ID #: AB38258 Accura Project #: 15784

ANALYSIS: PAH's Method Ref: 3550A/8270B

Date Analyzed: 3/7/98 Date Ext/Dig/Prep: 3/5/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's Method Ref: 3550A/8082

Date Analyzed: 3/7/98 Date Ext/Dig/Prep: 3/4/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides Method Ref: 3550A/8081A

Date Analyzed: 3/7/98 Date Ext/Dig/Prep: 3/4/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Dieldrin Endosulfan sulfate			<rdl <rdl <rdl< th=""><th></th><th>2 2 3</th></rdl<></rdl </rdl 		2 2 3
Endrin					2 2
Endrin aldehyde			<rdl <rdl< td=""><td></td><td>2</td></rdl<></rdl 		2
gamma-BHC			≺RDL <rdl< td=""><td></td><td>2</td></rdl<>		2
Heptachlor			<rdl <rdl< td=""><td></td><td>2</td></rdl<></rdl 		2
Heptachlor epoxide			<rdl <rdl< td=""><td></td><td>10</td></rdl<></rdl 		10
Methoxychlor			<rdl< td=""><td></td><td>20</td></rdl<>		20
Total Chlordane (Tec	nnicai)		<rdl< td=""><td></td><td>20</td></rdl<>		20
Toxaphene			\KDL		20
ANALYSIS: TCLP	Extraction P	rocedure	Method Ref: 1311		
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:	
Analyte Name			Analytical Resul	<u>Repo</u>	rted Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLP	Mercury	490		Method Ref: 74	170A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:	mg/L
Analyte Name			Analytical Resul	ts Repo	rted Detection Limits
Mercury (Reg Limit =	= 0.2)		<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
ANALYSIS: TCLP	Metals			Method Ref: 30	010A/6010B
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/3/98	Result Units:	mg/L
Analyte Name			Analytical Resul	ts Repor	rted Detection Limits
Arsenic (Reg Limit =	5.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Barium (Reg Limit =	100.0)	•	1.0		1
Cadmium (Reg Limit	= 1.0)	,	<rdl< td=""><td></td><td>1</td></rdl<>		1
Chromium (Reg Limi	t = 5.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Lead (Reg Limit = 5.0	-		<rdl< td=""><td></td><td>1</td></rdl<>		1
Selenium (Reg Limit	-		<rdl< td=""><td></td><td>1</td></rdl<>		1
Silver (Reg Limit = 5	.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
ANALYSIS: X DRO	O QC Surrog	ates (Soil)		Method Ref: 35	550A/8015
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	%
Analyte Name			Analytical Resul	ts Repor	rted Detection Limits
o-Terphenyl			89		0
ANALYSIS: X PAH/BN QC Surrogates (Soils)			Method Ref: 35	550A/8270B	
Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	%
Analyte Name			Analytical Resul	ts Repo	rted Detection Limits
2-Fluorobiphenyl			64		0
ACCURA ANALYTICAL	LABORATORY	Y, INC. <rdl< td=""><td>= Less than Reported</td><td>Detection Limit</td><td>Pg 15 of 48</td></rdl<>	= Less than Reported	Detection Limit	Pg 15 of 48

Client Sample ID: EW-G5-A

AALSample ID #: AB38258 Accura Project #: 15784

46 0 Nitrobenzene-d5 78 0 p-Terphenyl-d14 Method Ref: 3550A/8081/2 ANALYSIS: X Pest/PCB QC Surrogates (Soils) Date Ext/Dig/Prep: 3/4/98 Date Analyzed: 3/7/98 Result Units: % Analytical Results Reported Detection Limits Analyte Name 82 0 Decachlorobiphenyl 81 Tetrachloro-m-xylene 0 ANALYSIS: X VOC QC Surrogates (Soils) Method Ref: 8260A Date Ext/Dig/Prep: 3/6/98 Result Units: Date Analyzed: 3/6/98 Analytical Results Reported Detection Limits Analyte Name 1,2-Dichloroethane-d4 115 0 4-Bromofluorobenzene 140 0 Toluene-d8 103 0

Accura Analytical Laboratory, Inc.

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38259

Accura Project #: 15784

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/13/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EW-G5-B

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Reported Detection Limits **Analytical Results** Analyte Name 7.8 5 Benzene 5 21 Ethyl benzene <RDL 5 Toluene <RDL 5 **Xylenes**

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

16

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<rdl< td=""><td>5</td></rdl<>	5
Barium	10	5
Cadmium	1.0	0.5
Chromium	<rdl< td=""><td>5</td></rdl<>	5
Lead	16	5
Selenium	<rdl< td=""><td>5</td></rdl<>	5
Silver	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

< RDL = Less than Reported Detection Limit

Pg 17 of 48

Client Sample ID: EW-G5-B

AALSample ID #: AB38259 Accura Project #: 15784

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 18 of 48

Client Sample ID: EW-G5-B

AALSample ID #: AB38259 Accura Project #: 15784

Dieldrin			<rdl< th=""><th>2 2</th></rdl<>	2 2
Endosulfan sulfate			<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
Endrin			≺RDL <rdl< td=""><td>2</td></rdl<>	2
Endrin aldehyde			<rdl< td=""><td>2</td></rdl<>	2
gamma-BHC			<rdl< td=""><td>2</td></rdl<>	2
Heptachlor			<rdl< td=""><td>2</td></rdl<>	2
Heptachlor epoxide			<rdl< td=""><td>10</td></rdl<>	10
Methoxychlor Total Chlordane (Tee	ahnical)		<rdl< td=""><td>20</td></rdl<>	20
Toxaphene	omnoar)		<rdl< td=""><td>20</td></rdl<>	20
Тохарнене			, and a	
ANALYSIS: TCLP	Extraction	Procedure	Me	ethod Ref: 1311
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98 Re	esult Units:
Analyte Name			Analytical Results	Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP	Mercury		Me	ethod Ref: 7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98 Re	esult Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLP	Metals		Me	ethod Ref; 3010A/6010B
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/3/98 Re	esult Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
<u> </u>	- 5 A)		<rdl< td=""><td></td></rdl<>	
Arsenic (Reg Limit = Barium (Reg Limit =		•	1.1	1
Cadmium (Reg Limit -	•		<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Lim			<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5			<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Limit			<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit = :	· ·		<rdl< td=""><td>î</td></rdl<>	î
ANALYSIS: X DR	O OC Surro	ogates (Soil)	M	ethod Ref: 3550A/8015
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:		esult Units: %
Analyte Name			Analytical Results	Reported Detection Limits
o-Terphenyl			81	0
AMAI VOIC. V. DA	II/DN OC C.	······ mates (Coile)	M	ethod Pefr 2550A/8270B
ANALYSIS: X PAH/BN QC Surrogates (Soils)			ethod Ref: 3550A/8270B esult Units: %	
Date Analyzed:	3/7/98	Date Ext/Dig/Prep:		
Analyte Name			Analytical Results	Reported Detection Limits
2-Fluorobiphenyl			66	0
ACCURA ANALYTICA	L LABORATOI	RY, INC. <rdl< td=""><td>= Less than Reported Deter</td><td>ction Limit Pg 19 of 48</td></rdl<>	= Less than Reported Deter	ction Limit Pg 19 of 48

Client Sample ID: EW-G5-B AALSample ID #: AB38259 Accura Project #: 15784

Nitrobenzene-d5	57	0
p-Terphenyl-d14	85	0

ANALYSIS: X	X Pest/PCB	QC Surrogates ((Soils)
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Method Ref: 3550A/8081/2

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

its: %

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	97	0
Tetrachloro-m-xylene	95	0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ts: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	106	0
4-Bromofluorobenzene	140	0
Toluene-d8	115	0

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<RDL = Less than Reported Detection Limit

Pg 20 of 48

AALSample ID #: AB38259 Accura Project #: 15784

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38260

Accura Project #: 15784

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/13/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EB-G5

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Reported Detection Limits **Analytical Results** Analyte Name <RDL 25 Benzene 25 Ethyl benzene <RDL 25 <RDL Toluene <RDL 25 Xylenes

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

12

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units: mg/Kg

Reported Detection Limits Analyte Name Analytical Results Arsenic <RDL 5 8.1 5 Barium 0.5 Cadmium 0.6 Chromium <RDL 5 5 Lead <RDL Selenium <RDL 5 Silver <RDL

ACCURA ANALYTICAL LABORATORY, INC.

< RDL = Less than Reported Detection Limit

Pg 21 of 48

Client Sample ID: EB-G5

AALSample ID#: AB38260 Accura Project#: 15784

ANALYSIS: PAH's Method Ref: 3550A/8270B

Date Analyzed: 3/9/98 Date Ext/Dig/Prep: 3/5/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
I-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's Method Ref: 3550A/8082

Date Analyzed: 3/7/98 Date Ext/Dig/Prep: 3/4/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides Method Ref: 3550A/8081A

Date Analyzed: 3/7/98 Date Ext/Dig/Prep: 3/4/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2 '</td></rdl<>	2 '

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Tec	chnical)		<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLP	Extraction P	rocedure		Method Ref: 1311
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:
Analyte Name			Analytical Resul	ts Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP	Mercury			Method Ref: 7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLP Date Analyzed:	Metals 3/5/98	 Date Ext/Dig/Prep:	3/3/98	Method Ref: 3010A/6010B Result Units: mg/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5.) Selenium (Reg Limit = 5.) Selver (Reg Limit = 5.)	100.0) t = 1.0) it = 5.0) 0) = 1.0)		<rdl <rdl="" <rdl<="" td=""><td>1 1 1 1 1 1</td></rdl>	1 1 1 1 1 1
ANALYSIS: X DR	O QC Surros	gates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/5/98	Result Units: %
Analyte Name			Analytical Resu	Reported Detection Limits
o-Terphenyl			89	0
ANALYSIS: X PA	H/BN QC Su	rrogates (Soils)		Method Ref: 3550A/8270B
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/5/98	Result Units: %
Analyte Name			Analytical Resu	Reported Detection Limits
2-Fluorobiphenyl			31	0
ACCURA ANALYTICAL	, LABORATOR	Y, INC. <rdl< td=""><td>= Less than Reported</td><td>Detection Limit Pg 23 of 48</td></rdl<>	= Less than Reported	Detection Limit Pg 23 of 48

Client Sample ID: EB-G5 AALSample ID #: AB38260 Accura Project #: 15784

Nitrobenzene-d5	28	0
p-Terphenyl-d14	70	0

ANALYSIS: X Pest/PCB	QC Surrogates (Soils)
----------------------	-----------------------

Method Ref: 3550A/8081/2

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	98	0
Tetrachloro-m-xylene	91	0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	111	0
4-Bromofluorobenzene	130	0
Toluene-d8	115	0

Accura Analytical Laboratory, Inc.

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<RDL = Less than Reported Detection Limit

Pg 24 of 48

AALSample ID #: AB38260 Accura Project #: 15784

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38261

Accura Project #: 15784

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/13/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EB-G6

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Reported Detection Limits **Analytical Results** Analyte Name 500 <RDL Benzene 6,700 500 Ethyl benzene 500 <RDL Toluene 12,000 500 **Xylenes**

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

620

100

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<rdl< td=""><td>5</td></rdl<>	5
Barium	9.7	5
Cadmium	0.6	0.5
Chromium	<rdl< td=""><td>5</td></rdl<>	5
Lead	15	5
Selenium	<rdl< td=""><td>5</td></rdl<>	5
Silver	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 25 of 48

Client Sample ID: EB-G6

AALSample ID #: AB38261 Accura Project #: 15784

ANALYSIS: PAH's Method Ref: 3550A/8270B

Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/5/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	6,200	1600
2-Methylnaphthalene	9,200	1600
Acenaphthene	<rdl< td=""><td>1600</td></rdl<>	1600
Acenaphthylene	<rdl< td=""><td>1600</td></rdl<>	1600
Anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(a)anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(a)pyrene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(b)fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(g,h,i)perylene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(k)fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Chrysene	<rdl< td=""><td>1600</td></rdl<>	1600
Dibenzo(a,h)anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Fluorene	<rdl< td=""><td>1600</td></rdl<>	1600
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>1600</td></rdl<>	1600
Naphthalene	4,800	1600
Phenanthrene	<rdl< td=""><td>1600</td></rdl<>	1600
Pyrene	<rdl< td=""><td>1600</td></rdl<>	1600

ANALYSIS: PCB's Method Ref: 3550A/8082

Date Analyzed: 3/7/98 Date Ext/Dig/Prep: 3/4/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides Method Ref: 3550A/8081A

Date Analyzed: 3/7/98 Date Ext/Dig/Prep: 3/4/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 26 of 48

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Tec	hnical)		<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLP	Extraction P	rocedure		Method Ref: 1311
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:
Analyte Name			Analytical Resul	ts Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP	Mercury			Method Ref: 7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Mercury (Reg Limit	- 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
Mercury (Reg Ellint	- 0.2)		·	V.X
ANALYSIS: TCLP	Metals		•	Method Ref: 3010A/6010B
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/3/98	Result Units: mg/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5. Selenium (Reg Limit Silver (Reg Limit = 5.)	100.0) = 1.0) it = 5.0) 0) = 1.0)		<rdl 1.1 <rdl <rdl <rdl <rdl <rdl< td=""><td>1 1 1 1 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl 	1 1 1 1 1 1
ANALYSIS: X DR	O QC Surrog	ates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/5/98	Result Units: %
Analyte Name			Analytical Resu	ts Reported Detection Limits
o-Terphenyl			See narrati	ve 0
ANALYSIS: X PA	H/BN QC Sur 3/6/98	rogates (Soils) Date Ext/Dig/Prep:	3/5/98	Method Ref: 3550A/8270B Result Units: %
Analyte Name			Analytical Resu	Reported Detection Limits
2-Fluorobiphenyl			69	0
ACCURA ANALYTICAI	LABORATORY	7, INC. <rdl< td=""><td>= Less than Reported</td><td>Detection Limit Pg 27 of 48</td></rdl<>	= Less than Reported	Detection Limit Pg 27 of 48

Client Sample ID: EB-G6

AALSample ID#: AB38261 Accura Project #: 15784

Nitrobenzene-d5 p-Terphenyl-d14	92 82	0
ANALYSIS: X Pest/PCB QC Surrogates (Soils)		Method Ref: 3550A/8081/2

Date Ext/Dig/Prep: 3/4/98

3/7/98

Date Analyzed:

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobinhenyl	92	0

Decachlorobiphenyl 92 0
Tetrachloro-m-xylene 77 0

ANALYSIS: X VOC QC Surrogates (Soils)

Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/6/98 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	100	0
4-Bromofluorobenzene	130	0
Toluene-d8	107	0

Accura Analytical Laboratory, Inc.

Result Units:

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38262

Accura Project #: 15784

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/13/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EB-G7

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Reported Detection Limits Analytical Results Analyte Name 1300 <RDL Benzene 1,300 1300 Ethyl benzene <RDL 1300 Toluene 1300 39,000 **Xylenes**

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

1,700

100

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units: mg/Kg

Reported Detection Limits Analytical Results Analyte Name 5 <RDL Arsenic 5 Barium 11 <RDL 0.5 Cadmium 5 <RDL Chromium 5 12 Lead 5 <RDL Selenium <RDL 5 Silver

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Client Sample ID: EB-G7

AALSample ID#: AB38262 Accura Project#: 15784

ANALYSIS: PAH's Method Ref: 3550A/8270B

Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/5/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	10,000	1700
2-Methylnaphthalene	15,000	1700
Acenaphthene	<rdl< td=""><td>1700</td></rdl<>	1700
Acenaphthylene	<rdl< td=""><td>1700</td></rdl<>	1700
Anthracene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(a)anthracene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(a)pyrene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(b)fluoranthene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(g,h,i)perylene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(k)fluoranthene	<rdl< td=""><td>1700</td></rdl<>	1700
Chrysene	< <u>R</u> DL	1700
Dibenzo(a,h)anthracene	<rdl< td=""><td>1700</td></rdl<>	1700
Fluoranthene	<rdl< td=""><td>1700</td></rdl<>	1700
Fluorene	<rdl< td=""><td>1700</td></rdl<>	1700
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>1700</td></rdl<>	1700
Naphthalene	7,400	1700
Phenanthrene	<rdl< td=""><td>1700</td></rdl<>	1700
Pyrene	<rdl< td=""><td>1700</td></rdl<>	1700

ANALYSIS: PCB's Method Ref: 3550A/8082

Date Analyzed: 3/7/98 Date Ext/Dig/Prep: 3/4/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides Method Ref: 3550A/8081A

Date Analyzed: 3/7/98 Date Ext/Dig/Prep: 3/4/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Tec Toxaphene		Procedure	<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 2 10 20 20
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:
Analyte Name			Analytical Resu	<u>Reported Detection Limits</u>
TCLP Extraction			NA	0
ANALYSIS: TCLP	Mercury			Method Ref: 7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Resu	lts Reported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLP Metals		Method Ref: 3010A/6010B		
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/3/98	Result Units: mg/L
Analyte Name			Analytical Resu	Reported Detection Limits
Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5, Selenium (Reg Limit = 5)	t = 100.0) t = 1.0) t = 5.0) t = 1.0)		<rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>1 1 1 1 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl 	1 1 1 1 1 1
ANALYSIS: X DR	O QC Surrog	gates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/5/98	Result Units: %
Analyte Name			Analytical Resu	Reported Detection Limits
o-Terphenyl			See narrati	ve 0
ANALYSIS: X PAH/BN QC Surrogates (Soils)			Method Ref: 3550A/8270B	
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/5/98	Result Units: %
Analyte Name			Analytical Resu	Its Reported Detection Limits
2-Fluorobiphenyl			78	0

ACCURA ANALYTICAL LABORATORY, INC. <RDL = Less than Reported Detection Limit Client Sample ID: EB-G7

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AALSample ID #: AB38262 Accura Project #: 15784

Nitrobenzene-d5	102	0
p-Terphenyl-d14	81	0

ANALYSIS:	X	Pest/PCB QC Surrogates (Soils)	

Method Ref: 3550A/8081/2

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	77	0
Tetrachloro-m-xylene	64	0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

Analytical Results	Reported Detection Limits
101	0
118	0
104	0
	101 118

Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 32 of 48

AALSample ID #: AB38262 Accura Project #: 15784

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38263

Accura Project #: 15784

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Client Project Name:

Date Reported: 3/13/98

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EB-C8

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/10/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene Ethyl benzene Toluene

<RDL 10,000 <RDL

1300 1300 1300

Xylenes

4,800

1300

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

2,100

100

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

Selenium

Silver

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name Analytical Results Reported Detection Limits Arsenic 5 <RDL Barium 5 13 Cadmium <RDL 0.5 Chromium <RDL 5 Lead <RDL 5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

<RDL

<RDL

Pg 33 of 48

Client Sample ID: EB-G8

AALSample ID #: AB38263 Accura Project #: 15784

5

5

ANALYSIS: PAH's Method Ref: 3550A/8270B

Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/5/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	10,000	1700
2-Methylnaphthalene	9,500	1700
Acenaphthene	<rdl< td=""><td>1700</td></rdl<>	1700
Acenaphthylene	<rdl< td=""><td>1700</td></rdl<>	1700
Anthracene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(a)anthracene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(a)pyrene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(b)fluoranthene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(g,h,i)perylene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(k)fluoranthene	<rdl< td=""><td>1700</td></rdl<>	1700
Chrysene	<rdl< td=""><td>1700</td></rdl<>	1700
Dibenzo(a,h)anthracene	<rdl< td=""><td>1700</td></rdl<>	1700
Fluoranthene	<rdl< td=""><td>1700</td></rdl<>	1700
Fluorene	<rdl< td=""><td>1700</td></rdl<>	1700
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>1700</td></rdl<>	1700
Naphthalene	<rdl< td=""><td>1700</td></rdl<>	1700
Phenanthrene	<rdl< td=""><td>1700</td></rdl<>	1700
Pyrene	<rdl< td=""><td>1700</td></rdl<>	1700

ANALYSIS: PCB's Method Ref: 3550A/8082

Date Analyzed: 3/7/98 Date Ext/Dig/Prep: 3/4/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides Method Ref: 3550A/8081A

Date Analyzed: 3/7/98 Date Ext/Dig/Prep: 3/4/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 34 of 48

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Tec	·		<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLP Date Analyzed:	3/2/98	Date Ext/Dig/Prep:		sult Units:
•	312170	Dute DAD IG Trop.		
Analyte Name			Analytical Results	Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP	Mercury		Me	ethod Ref: 7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98 Re	sult Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLP	Metals	· · ·	Me	ethod Ref; 3010A/6010B
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/3/98 Re.	sult Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Arsenic (Reg Limit =	5.0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit =			1,1	1
Cadmium (Reg Limit			<rdl <rdl< td=""><td>1 1</td></rdl<></rdl 	1 1
Chromium (Reg Lim Lead (Reg Limit = 5.			<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Limit			<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit = 5			<rdl< td=""><td>1</td></rdl<>	1
ANALYSIS: X DR	O QC Surros	gates (Soil)	Me	ethod Ref: 3550A/8015
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/5/98 Re	sult Units: %
Analyte Name			Analytical Results	Reported Detection Limits
o-Terphenyl			See narrative	0
ANALYSIS: X PA	H/BN QC Su	rrogates (Soils)	Me	ethod Ref: 3550A/8270B
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/5/98 Re	sult Units: %
Analyte Name			Analytical Results	Reported Detection Limits
2-Fluorobiphenyl			80	0
ACCURA ANALYTICAI	LABORATOR	Y, INC. <rdl< td=""><td>Less than Reported Detec</td><td>tion Limit Pg 35 of 48</td></rdl<>	Less than Reported Detec	tion Limit Pg 35 of 48

Client Sample ID: EB-G8 AALSample ID#: AB38263 Accura Project #: 15784

100 Nitrobenzene-d5 0 p-Terphenyl-d14 84 0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)

Method Ref: 3550A/8081/2

Date Analyzed:

Analyte Name

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

Reported Detection Limits

0

Decachlorobiphenyl

Tetrachloro-m-xylene

63 63

Analytical Results

0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/10/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

Analyte Name

Analytical Results

0 0

Reported Detection Limits

1,2-Dichloroethane-d4 4-Bromofluorobenzene Toluene-d8

126 104

99

0

Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 36 of 48

AALSample ID#: AB38263 Accura Project#: 15784

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38264

Accura Project #: 15784

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/13/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EB-G8-X

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/10/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene Ethyl benzene Toluene

680 6,000

500 500 500

Xylenes

<RDL 1,800

500

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

2,100

100

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Reported Detection Limits Analytical Results Analyte Name <RDL 5 Arsenic 13 5 Barium 0.5 <RDL Cadmium <RDL 5 Chromium <RDL 5 Lead 5 <RDL Selenium 5 Silver <RDL

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Client Sample ID: EB-G8-X

AALSample ID #: AB38264 Accura Project #: 15784

ANALYSIS: PAH's Method Ref: 3550A/8270B

Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/5/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	7,600	1700
2-Methylnaphthalene	3,600	1700
Acenaphthene	<rdl< td=""><td>1700</td></rdl<>	1700
Acenaphthylene	<rdl< td=""><td>1700</td></rdl<>	1700
Anthracene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(a)anthracene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(a)pyrene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(b)fluoranthene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(g,h,i)perylene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(k)fluoranthene	<rdl< td=""><td>1700</td></rdl<>	1700
Chrysene	<rdl< td=""><td>1700</td></rdl<>	1700
Dibenzo(a,h)anthracene	<rdl< td=""><td>1700</td></rdl<>	1700
Fluoranthene	<rdl< td=""><td>1700</td></rdl<>	1700
Fluorene	<rdl< td=""><td>1700</td></rdl<>	1700
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>1700</td></rdl<>	1700
Naphthalene	<rdl< td=""><td>1700</td></rdl<>	1700
Phenanthrene	<rdl< td=""><td>1700</td></rdl<>	1700
Pyrene	<rdl< td=""><td>1700</td></rdl<>	1700

ANALYSIS: PCB's Method Ref: 3550A/8082

Date Analyzed: 3/7/98 Date Ext/Dig/Prep: 3/4/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides Method Ref: 3550A/8081A

Date Analyzed: 3/7/98 Date Ext/Dig/Prep: 3/4/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Dieldrin	<rdl< th=""><th>2</th></rdl<>	2
Endosulfan sulfate	<rdl< td=""><td>2</td></rdl<>	2
Endrin	<rdl< td=""><td>2</td></rdl<>	2
Endrin aldehyde	<rdl< td=""><td>2</td></rdl<>	2
gamma-BHC	<rdl< td=""><td>2</td></rdl<>	2
Heptachlor	<rdl< td=""><td>2</td></rdl<>	2
Heptachlor epoxide	<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor	<rdl< td=""><td>10</td></rdl<>	10
Total Chlordane (Technical)	<rdl< td=""><td>20</td></rdl<>	20
Toxaphene	<rdl< td=""><td>20</td></rdl<>	20
•		

ANALYSIS: TCLP Extraction Procedure

Method Ref: 1311

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Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

<u>Analyte Name</u> <u>Analytical Results</u> <u>Reported Detection Limits</u>

TCLP Extraction NA 0

ANALYSIS: TCLP Mercury Method Ref: 7470A

Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/2/98 Result Units: mg/L

<u>Analyte Name</u> <u>Analytical Results</u> <u>Reported Detection Limits</u>

Mercury (Reg Limit = 0.2) < RDL 0.1

ANALYSIS: TCLP Metals Method Ref: 3010A/6010B

Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/3/98 Result Units: mg/L

Analytical Results Reported Detection Limits Analyte Name <RDL Arsenic (Reg Limit = 5.0) Barium (Reg Limit = 100.0) <RDL <RDL Cadmium (Reg Limit = 1.0) Chromium (Reg Limit = 5.0) <RDL Lead (Reg Limit = 5.0) <RDL <RDL Selenium (Reg Limit = 1.0) Silver (Reg Limit = 5.0) <RDL

ANALYSIS: X DRO QC Surrogates (Soil) Method Ref: 3550A/8015

Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/5/98 Result Units: %

<u>Analyte Name</u> <u>Analytical Results</u> <u>Reported Detection Limits</u>

o-Terphenyl See narrative 0

ANALYSIS: X PAH/BN QC Surrogates (Soils) Method Ref: 3550A/8270B

Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/5/98 Result Units: %

ACCURA ANALYTICAL LABORATORY, INC.

<u>Analyte Name</u> <u>Analytical Results</u> <u>Reported Detection Limits</u>

2-Fluorobiphenyl 72 0

Client Sample ID: EB-G8-X AALSample ID#: AB38264 Accura Project#: 15784

<RDL = Less than Reported Detection Limit

Nitrobenzene-d5 p-Terphenyl-d14			99 74	0 0
ANALYSIS: X Pe	st/PCB QC Su 3/7/98	nrrogates (Soils) Date Ext/Dig/Prep:	3/4/98	Method Ref: 3550A/8081/2 Result Units: %
Analyte Name			Analytical Resu	Reported Detection Limits
Decachlorobiphenyl Tetrachloro-m-xyler			71 62	0 0
ANALYSIS: X VOC QC Surrogates (Soils)			Method Ref: 8260A	
Date Analyzed:	3/10/98	Date Ext/Dig/Prep:	3/10/98	Result Units: %
Analyte Name			Analytical Resu	Reported Detection Limits
1,2-Dichloroethane-			101	0
4-Bromofluorobenza Toluene-d8	ene		130 107	0 0

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<RDL = Less than Reported Detection Limit

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AALSample ID#: AB38264 Accura Project#: 15784

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38265

Accura Project #: 15784

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/13/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: WATER

Client Sample ID:

II-TB

ANALYSIS: VOC's

Method Ref: 5030A/8260A

Date Analyzed:

3/3/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

: ug/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1,2-Trichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloropropane	<rdl< td=""><td>5</td></rdl<>	5
1,3-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
1,4-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
2-Butanone (MEK)	<rdl< td=""><td>50</td></rdl<>	50
2-Chloroethylvinyl ether	<rdl< td=""><td>10</td></rdl<>	10
2-Hexanone	<rdl< td=""><td>50</td></rdl<>	50
4-Methyl-2-pentanone (MIBK)	<rdl< td=""><td>50</td></rdl<>	50
Acetone	<rdl< td=""><td>50</td></rdl<>	50
Benzene	<rdl< td=""><td>5</td></rdl<>	5
Bromodichloromethane	<rdl< td=""><td>5</td></rdl<>	5
Bromoform	<rdl< td=""><td>5</td></rdl<>	5
Bromomethane	<rdl< td=""><td>5</td></rdl<>	5
Carbon disulfide	<rdl< td=""><td>5</td></rdl<>	5
Carbon tetrachloride	<rdl< td=""><td>5</td></rdl<>	5
Chlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
Chloroethane	<rdl< td=""><td>5</td></rdl<>	5
Chloroform	<rdl< td=""><td>5</td></rdl<>	5
Chloromethane	<rdl< td=""><td>5</td></rdl<>	5
cis-1,2-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
cis-1,3-Dichloropropene	<rdl< td=""><td>5</td></rdl<>	5
Dibromochloromethane	<rdl< td=""><td>5</td></rdl<>	5
Ethylbenzene	<rdl< td=""><td>5</td></rdl<>	5
Methylene chloride	<rdl< td=""><td>5</td></rdl<>	5
Styrene	<rdl< td=""><td>5</td></rdl<>	5
Tetrachloroethene	<rdl< td=""><td>5</td></rdl<>	5

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<RDL = Less than Reported Detection Limit

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Client Sample ID: II-TB

AALSample ID #: AB38265 Accura Project #: 15784

Toluene	<rdl< td=""><td>5</td></rdl<>	5
trans-1,2-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
trans-1,3-Dichloropropene	<rdl< td=""><td>5</td></rdl<>	5
Trichloroethene	<rdl< td=""><td>5</td></rdl<>	5
Trichlorofluoromethane	<rdl< td=""><td>5</td></rdl<>	5
Vinyl acetate	<rdl< td=""><td>100</td></rdl<>	100
Vinyl chloride	<rdl< td=""><td>2</td></rdl<>	2
Xylenes (Total)	<rdl< td=""><td>5</td></rdl<>	5

ANALYSIS:	X	VOC QC Surrogate	s (Waters)
-----------	---	-------------------------	------------

Method Ref: 8260A

Date Analyzed:

3/3/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	105	0
4-Bromofluorobenzene	100	0
Toluene-d8	100	0

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38266

Accura Project #: 15784

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/13/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

METHOD BLANK

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Analytical Results Reported Detection Limits Analyte Name <RDL 5 Benzene <RDL 5 Ethyl benzene 5 <RDL Toluene <RDL 5 **Xylenes**

ANALYSIS: Diesel Range Organics (DRO)

Method Ref; 3550A/8015

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

<RDL

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

Silver

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units: mg/Kg

Reported Detection Limits Analyte Name Analytical Results <RDL 5 Arsenic <RDL 5 Barium 0.5 Cadmium <RDL Chromium <RDL 5 5 <RDL Lead 5 Selenium <RDL

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

<RDL

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Client Sample ID: METHOD BLANK

AALSample ID#: AB38266 Accura Project#: 15784

5

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016 •	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

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<RDL = Less than Reported Detection Limit

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Analyte Name TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name Mercury (Reg Limit = 0.2) ANALYSIS: TCLP Metals Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/ Analyte Name Arsenic (Reg Limit = 5.0) Barium (Reg Limit = 1.0) Chromium (Reg Limit = 5.0) Lead (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) ANALYSIS: X DRO QC Surrogates (Soil) Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/ Analyte Name o-Terphenyl ANALYSIS: X PAH/BN QC Surrogates (Soils) Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/ Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/	Result Units: malytical Results NA Method Ref: 7470A 2/98 Result Units: mg/L malytical Results Reported Detect Reporte	tion Limits tion Limits tion Limits
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/Analyte Name TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/Analyte Name Mercury (Reg Limit = 0.2) ANALYSIS: TCLP Metals Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/Analyte Name Arsenic (Reg Limit = 5.0) Barium (Reg Limit = 1.0) Chromium (Reg Limit = 5.0) Lead (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) ANALYSIS: X DRO QC Surrogates (Soil) Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/Analyte Name o-Terphenyl ANALYSIS: X PAH/BN QC Surrogates (Soils) Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/Analyzed: 3/6/98 Date Ext/Dig/Prep	Method Ref: 7470A Method Ref: 7470A 2/98 Result Units: mg/L Method Ref: 3010A/6010 Method Ref: 3010A/6010 Method Ref: 3010A/6010 Method Ref: 3010A/6010 Result Units: mg/L Method Ref: 1 ARDL	tion Limits tion Limits tion Limits
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name Mercury (Reg Limit = 0.2) ANALYSIS: TCLP Metals Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/ Analyte Name Arsenic (Reg Limit = 5.0) Barium (Reg Limit = 1.0) Chromium (Reg Limit = 5.0) Lead (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) ANALYSIS: X DRO QC Surrogates (Soil) Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/ Analyte Name o-Terphenyl ANALYSIS: X PAH/BN QC Surrogates (Soils)	Method Ref: 7470A Method Ref: 7470A Result Units: mg/L Method Ref: 3010A/6010 Method Ref: 3010A/6010 Method Ref: 3010A/6010 Method Ref: 3010A/6010 Result Units: mg/L Method Ref: 3010A/6010 Method Ref: 3010A/6010 Reported Detect RDL	tion Limits tion Limits
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name Mercury (Reg Limit = 0.2) ANALYSIS: TCLP Metals Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/ Analyte Name Arsenic (Reg Limit = 5.0) Barium (Reg Limit = 100.0) Cadmium (Reg Limit = 1.0) Chromium (Reg Limit = 5.0) Lead (Reg Limit = 5.0) Selenium (Reg Limit = 1.0) Silver (Reg Limit = 5.0) ANALYSIS: X DRO QC Surrogates (Soil) Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/ Analyte Name o-Terphenyl	Method Ref: 7470A Method Ref: 7470A Result Units: mg/L Method Ref: 3010A/6010 Method Ref: 3010A/6010 Method Ref: 3010A/6010 Method Ref: 3010A/6010 Result Units: mg/L Method Ref: 1 Method Ref: 3010A/6010 Method Ref: 3010A/6010 Method Ref: 3010A/6010 Method Ref: 3010A/6010 Method Results Reported Detection Appl 1 Appl 1	tion Limits tion Limits
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name Mercury (Reg Limit = 0.2) ANALYSIS: TCLP Metals Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/ Analyte Name Arsenic (Reg Limit = 5.0) Barium (Reg Limit = 1.0) Chromium (Reg Limit = 5.0) Lead (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) Silver (Reg Limit = 5.0) ANALYSIS: X DRO QC Surrogates (Soil) Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/ Analyte Name	Method Ref: 7470A Method Ref: 7470A 2/98 Result Units: mg/L Malytical Results Reported Detect ARDL 0.1 Method Ref: 3010A/6010 3/98 Result Units: mg/L Malytical Results Reported Detect ARDL 1 ARDL 1	tion Limits tion Limits
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name Mercury (Reg Limit = 0.2) ANALYSIS: TCLP Metals Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/ Analyte Name Arsenic (Reg Limit = 5.0) Barium (Reg Limit = 1.0) Chromium (Reg Limit = 5.0) Lead (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) ANALYSIS: X DRO QC Surrogates (Soil) Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/	NA	tion Limits tion Limits
Analyte Name TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name Mercury (Reg Limit = 0.2) ANALYSIS: TCLP Metals Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/ Analyte Name Arsenic (Reg Limit = 5.0) Barium (Reg Limit = 1.0) Chromium (Reg Limit = 5.0) Lead (Reg Limit = 5.0) Selenium (Reg Limit = 1.0) Silver (Reg Limit = 5.0) ANALYSIS: X DRO QC Surrogates (Soil)	Method Ref: 7470A Method Ref: 7470A 2/98 Result Units: mg/L Malytical Results Reported Detection Analytical Results Reported Detection Analytical Results Result Units: mg/L Method Ref: 3010A/6010 Method Ref: 3010A/6010 Analytical Results Reported Detection Analytical Results Report	tion Limits
Analyte Name TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name Mercury (Reg Limit = 0.2) ANALYSIS: TCLP Metals Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/ Analyte Name Arsenic (Reg Limit = 5.0) Barium (Reg Limit = 1.0) Chromium (Reg Limit = 5.0) Lead (Reg Limit = 5.0) Selenium (Reg Limit = 1.0) Silver (Reg Limit = 5.0)	Method Ref: 7470A Method Ref: 7470A 2/98 Result Units: mg/L Malytical Results Reported Detect <rdl 0.1="" 1="" 1<="" 3="" 3010a="" 6010="" 98="" appl="" detect="" l="" method="" mg="" ref:="" reported="" result="" td="" units:=""><td>tion Limits</td></rdl>	tion Limits
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name Mercury (Reg Limit = 0.2) ANALYSIS: TCLP Metals Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/ Analyte Name Arsenic (Reg Limit = 5.0) Barium (Reg Limit = 100.0) Cadmium (Reg Limit = 1.0) Chromium (Reg Limit = 5.0) Lead (Reg Limit = 5.0) Selenium (Reg Limit = 1.0)	Method Ref: 7470A Method Ref: 7470A 2/98 Result Units: mg/L Malytical Results Reported Detection Analytical Results Reported Detection Analytical Results Result Units: mg/L Method Ref: 3010A/6010 Method Ref: 3010A/6010 Analytical Results Reported Detection Analytical Results Report	tion Limits DB
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name Mercury (Reg Limit = 0.2) ANALYSIS: TCLP Metals Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/ Analyte Name Arsenic (Reg Limit = 5.0) Barium (Reg Limit = 100.0) Cadmium (Reg Limit = 1.0) Chromium (Reg Limit = 5.0) Lead (Reg Limit = 5.0)	NA 0	tion Limits DB
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name Mercury (Reg Limit = 0.2) ANALYSIS: TCLP Metals Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/ Analyte Name Arsenic (Reg Limit = 5.0) Barium (Reg Limit = 100.0) Cadmium (Reg Limit = 1.0) Chromium (Reg Limit = 5.0)	NA 0	tion Limits DB
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name Mercury (Reg Limit = 0.2) ANALYSIS: TCLP Metals Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/ Analyte Name Arsenic (Reg Limit = 5.0) Barium (Reg Limit = 100.0) Cadmium (Reg Limit = 1.0)	Method Ref: 7470A 2/98 Result Units: mg/L Method Ref: 3010A/6010 Amalytical Results Result Units: mg/L Method Ref: 3010A/6010 Method Ref: 3010A/6010 Method Ref: 3010A/6010 Amalytical Results Result Units: mg/L Method Ref: 3010A/6010 Amalytical Results Result Units: mg/L Method Ref: 3010A/6010 Amalytical Results Result Units: mg/L Method Ref: 3010A/6010	tion Limits DB
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name Mercury (Reg Limit = 0.2) ANALYSIS: TCLP Metals Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/ Analyte Name Arsenic (Reg Limit = 5.0) Barium (Reg Limit = 100.0)	Method Ref: 7470A 2/98 Result Units: mg/L Method Ref: 3010A/6010 Analytical Results Result Units: mg/L Method Ref: 3010A/6010 Method Ref: 3010A/6010 Analytical Results Result Units: mg/L Analytical Results Result Units: mg/L Analytical Results Reported Detection Analytical Results Results Reported Detection Analytical	tion Limits DB
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name Mercury (Reg Limit = 0.2) ANALYSIS: TCLP Metals Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/ Analyte Name Analyte Name Analyte Name	Method Ref: 7470A Method Ref: 7470A 2/98 Result Units: mg/L Method Ref: 3010A/6010	tion Limits DB
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name Mercury (Reg Limit = 0.2) ANALYSIS: TCLP Metals Date Analyzed: 3/5/98 Date Ext/Dig/Prep: 3/	NA 0 Method Ref: 7470A 2/98 Result Units: mg/L Analytical Results Reported Detection of the control of the c	tion Limits DB
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name Mercury (Reg Limit = 0.2) ANALYSIS: TCLP Metals	NA Reported Detection NA 0 Method Ref: 7470A 2/98 Result Units: mg/L nalytical Results Reported Detection <rdl 0.1="" 3010a="" 6010<="" method="" ref:="" td=""><td>tion Lim<u>its</u></td></rdl>	tion Lim <u>its</u>
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name Mercury (Reg Limit = 0.2)	NA 0 Method Ref: 7470A 2/98 Result Units: mg/L malytical Results Reported Detection <rdl< p=""> 0.1</rdl<>	tion Lim <u>its</u>
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name A TCLP Extraction ANALYSIS: TCLP Mercury Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name A	NA Reported Detection NA 0 Method Ref: 7470A 2/98 Result Units: mg/L malytical Results Reported Detection	
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name Analyzed: Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/	NA Reported Detection NA 0 Method Ref: 7470A 2/98 Result Units: mg/L	
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name A TCLP Extraction ANALYSIS: TCLP Mercury	NA Reported Detection NA 0 Method Ref: 7470A	tion Limits
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/ Analyte Name A TCLP Extraction	NA Reported Detection NA 0	tion Limits
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/Analyte Name Analyzed: 4	nalytical Results Reported Detec	tion Limits
Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 3/	nalytical Results Reported Detec	tion Limits
	2/98 Result Units:	
	o to	
	Method Ref: 1311	
Toxaphene	<rdl 20<="" td=""><td></td></rdl>	
Total Chlordane (Technical)	<rdl 20<="" td=""><td></td></rdl>	
Heptachlor epoxide Methoxychlor	<rdl 2<="" td=""><td></td></rdl>	
Heptachlor	<rdl 2="" 2<="" <rdl="" td=""><td></td></rdl>	
gamma-BHC	<rdl 2<="" td=""><td></td></rdl>	
Endrin aldehyde	<rdl 2<="" td=""><td></td></rdl>	
Endrin	227	
Dieldrin Endosulfan sulfate	<rdl 2="" 2<="" <rdl="" td=""><td></td></rdl>	

Client Sample ID: METHOD BLANK

<RDL = Less than Reported Detection Limit

AALSample ID #: AB38266 Accura Project #: 15784

Nitrobenzene-d5 p-Terphenyl-d14			39 86	0 0
ANALYSIS: X Pes	PCB QC Su	rrogates (Soils)		Method Ref: 3550A/8081/2
Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/4/98	Result Units: %
Analyte Name			Analytical Resu	Its Reported Detection Limits
Decachlorobiphenyl			98	0
Tetrachloro-m-xylene	•		82	0
ANALYSIS: X VO	C QC Surrog	ates (Soils)		Method Ref: 8260A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: %
Analyte Name			Analytical Resu	Reported Detection Limits
1,2-Dichloroethane-d	4		102	0
4-Bromofluorobenzer	ne		113	0

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Accura Analytical Laboratory, Inc.

Toluene-d8

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38267

Accura Project #: 15784

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/13/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: WATER

Client Sample ID:

METHOD BLANK

ANALYSIS: VOC's

Method Ref: 5030A/8260A

Date Analyzed:

3/3/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

ug/L

Date Analyzed.	313170	Dute Brade Brief.	3/3/30	110011 011101 45.2
Analyte Name			Analytical Result	Reported Detection Limits
1,1,1-Trichloroethane			<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachloroeth	ane		<rdl< td=""><td>5</td></rdl<>	5
1,1,2-Trichloroethane			<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethane			<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethene			<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichlorobenzene			<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloroethane			<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloropropane		4	<rdl< td=""><td>5</td></rdl<>	5
1,3-Dichlorobenzene			<rdl< td=""><td>5</td></rdl<>	5
1,4-Dichlorobenzene			<rdl< td=""><td>5</td></rdl<>	5
2-Butanone (MEK)			<rdl< td=""><td>50</td></rdl<>	50
2-Chloroethylvinyl eth	ner		<rdl< td=""><td>10</td></rdl<>	10
2-Hexanone			<rdl< td=""><td>50</td></rdl<>	50
4-Methyl-2-pentanone	(MIBK)		<rdl< td=""><td>50</td></rdl<>	50
Acetone			<rdl< td=""><td>50</td></rdl<>	50
Benzene			<rdl< td=""><td>5</td></rdl<>	5
Bromodichloromethan	ie		<rdl< td=""><td>5</td></rdl<>	5
Bromoform			<rdl< td=""><td>5</td></rdl<>	5
Bromomethane			<rdl< td=""><td>5</td></rdl<>	5
Carbon disulfide			<rdl< td=""><td>5</td></rdl<>	5
Carbon tetrachloride			<rdl< td=""><td>. 5</td></rdl<>	. 5
Chlorobenzene			<rdl< td=""><td>5</td></rdl<>	5
Chloroethane			<rdl< td=""><td>5</td></rdl<>	5
Chloroform			<rdl< td=""><td>5</td></rdl<>	5
Chloromethane			<rdl< td=""><td>5 .</td></rdl<>	5 .
cis-1,2-Dichloroethene	e		<rdl< td=""><td>5</td></rdl<>	5
cis-1,3-Dichloroproper	ne		<rdl< td=""><td>5</td></rdl<>	5
Dibromochloromethan	ne		<rdl< td=""><td>5</td></rdl<>	5
Ethylbenzene			<rdl td="" ·<=""><td>5</td></rdl>	5
Methylene chloride			<rdl< td=""><td>5</td></rdl<>	5
Styrene			<rdl< td=""><td>5</td></rdl<>	5
Tetrachloroethene			<rdl< td=""><td>5</td></rdl<>	5

Toluene	<rdl< th=""><th>5</th></rdl<>	5
trans-1,2-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
trans-1,3-Dichloropropene	<rdl< td=""><td>5</td></rdl<>	5
Trichloroethene	<rdl< td=""><td>5</td></rdl<>	5
Trichlorofluoromethane	<rdl< td=""><td>5</td></rdl<>	5
Vinyl acetate	<rdl< td=""><td>100</td></rdl<>	100
Vinyl chloride	<rdl< td=""><td>2</td></rdl<>	2
Xylenes (Total)	<rdl< td=""><td>5</td></rdl<>	5

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 8260A

Date Analyzed:

3/3/98

Date Ext/Dig/Prep: 3/3/98

Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	97	0
4-Bromofluorobenzene	101	0
Toluene-d8	104	0

Accura Analytical Laboratory, Inc.

Environmental Analytical Services

When the Charge Client P.O. #	wited Services, The Billing address	CHAIN OF CUSTODY	•
.0.#	address:	Y Phone # (770) 449-8800 Fax # (770) 449-5477	COLT Einangiel Drive Victoria CA 2007

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Kelinquished By:	Kelinquished By	EB-IS	EB III-	9 1E M3	EW IY-a	EB-118	EB-117	EB- H6	EB-H5	EB-114	- 11-74-4	Sample ID#	Samplers: (signature)	Project Number:	Project Name:	Contact Phone # /0/2	ent to: (Client		Company Name: Mond
ne,d By:	and By:	2/26/98	2/16/98	2/2/ 1/18	7/26/18	2/26/198	2/26/08	2/26/98	2/26/48	2/26/98	2/26/98	Sample B. Date / Time C.	turje)	JCA21-91	er AAF Fire		3	mor will and	m Farrison resulta
Date / Time	Date / Time 2/26/98											Grab Matrix Preserved Sab	Samp	7-0-005	isa	(di	7 14:	The life	Sorvices.
Received By:	Buttamy In b			- Asstrate	2/26/88 DD					2/26/48.00	NO 85/02/2	Sample Location: Con	Samplers: (printed)	42	Men	1.20		her 15# 20084	The
ed By:	ed By: In lade	3 1	3 000	3 100	3 1/1/4	3. 100	3 111	3 /1/	3 ///	3 1/4	3-1/1	No. of Containers	AL VS IS	Sample Condition	QC Level: N	Custody Scal			Billing address:
Date / Time	Date / Time 2/27/98 9:50m		11111	1000	100		1111	111	1	A A A A					Σ - μ - υ - υ - υ - υ - υ - υ - υ - υ - υ - υ	* * * * * * * * * * * * * * * * * * *			S:
Turnaround Time Requested:	Special Requirements Or Remarks:							A. C.				Remarks		AAT Lab Project#US-	Init Temp.	Page III OF	For Laboratory Use Only		
sted:	marks:	Z8247				38246	Bays S	f1689	(%) (%) (J)			Accura Sample ID No. AB			2040	99			

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Environmental Analytical Services

CHAIN OF CUSTODY

Phone # (770) 449-8800 6017 Financial Drive, Norcross, GA 30071 Fax # (770) 449-5477

Project Number: Project Name: Contact Phone # Report Sent to: (Client Contact): Address: Company Name: Sample ID# Samplers: (signature) Relinquished By: Refinquished Date / Time Sample Comp Grab Fax# Matrix Date / Time Tune Sample Location: Samplers: (printed) 12 MILLE. Received By R*६८*बिंved By Containers No. of W W Client P.O. # Billing address: Sample Condition: Custody Seal: QC Level: N Date/Time Date / Time ນ 4 For Laboratory Use Only z Special Requirements Or Remarks: AAL Lab Project# | S十次写 Turnaround Time Requested: Page hit/Temp: Remarks OST LOO QF Accura Sample ID No. AB 1888 1888 1900 B 3K248 888 888 ESESE

6017 Financial Drive, Norcross, Georgia, 30071, Phone (770) 449-8800

CASE NARRATIVE for Project Number: 15785

Client Project: Hunter AAF Fire Training / DACA21-97-C-0042

The following items were noted concerning this project:

1. The following samples required dilution due to high analyte concentration and/or matrix interference, resulting in elevated detection limits:

EB-H5	<u>SW-846-8260A</u> EB-H6	ЕВ-Н7	ЕВ-Н8	EB-I6	EB-I7
EB-I8					

Diesel Ran	ige Organics (D	ORO) - <u>SW-84</u>	<u>6-8015</u>		
EB-H5	ЕВ-Н6	EB-H7	EB-H8	EB-I6	EB-I7
EB-I8					

2. The surrogates were diluted out for the following samples; therefore no recoveries could be reported.

Diesel Rar	nge Organics (D	RO) - SW-84	<u>6-8015</u>		
EB-H5	ЕВ-Н6	EB-H7	EB-H8	EB-16	EB-I7
EB-I8					

- 3. The DRO hits in samples EB-H5, EB-H6, EB-H7, EB-H8, EB-I6, EB-I7 and EB-I8 appear to be light hydrocarbons such as kerosene
- 4. One surrogate was outside the method specified limits for the following sample due to matrix interference:

<u>BTEX - SW-846-8260A</u> EB-15-X

Quality Assurance

Client Services Representative

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38243

Accura Project #: 15785

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/12/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EB-H5

<u> ANALYSIS: BTEX</u>

Method Ref: 5030A/8260A

Date Analyzed:

3/3/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene Ethyl benzene Toluene

Xylenes

<RDL 19,000 <RDL 25,000 2500 2500

2500 2500

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/4/98

Date Ext/Dig/Prep:

3/3/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

1,900

100

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep:

3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

Date Ext/Dig/Prep:

3/2/98

mg/Kg

3/4/98

Result Units:

Reported Detection Limits Analytical Results Analyte Name 5 <RDL 5 Arsenic 6.5 Barium 0.5 0.9 Cadmium 5 <RDL Chromium 5 16 5 Lead <RDL 5 Selenium <RDL Silver

ACCURA ANALYTICAL LABORATORY, INC.

< RDL = Less than Reported Detection Limit

Pg 1 of 44

Client Sample ID: EB-H5

AALSample ID#: AB38243 Accura Project#: 15785

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/4/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	8,600	1700
2-Methylnaphthalene	12,000	1700
Acenaphthene	<rdl< td=""><td>1700</td></rdl<>	1700
Acenaphthylene	<rdl< td=""><td>1700</td></rdl<>	1700
Anthracene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(a)anthracene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(a)pyrene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(b)fluoranthene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(g,h,i)perylene	<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(k)fluoranthene	<rdl< td=""><td>1700</td></rdl<>	1700
Chrysene	<rdl< td=""><td>1700</td></rdl<>	1700
Dibenzo(a,h)anthracene	<rdl< td=""><td>1700</td></rdl<>	1700
Fluoranthene	<rdl< td=""><td>1700</td></rdl<>	1700
Fluorene	<rdl< td=""><td>1700</td></rdl<>	1700
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>1700</td></rdl<>	1700
Naphthalene	8,400	1700
Phenanthrene	<rdl< td=""><td>1700</td></rdl<>	1700
Pyrene	<rdl< td=""><td>1700</td></rdl<>	1700

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdĺ< td=""><td>2</td></rdĺ<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td></td></rdl<>	

Dieldrin			<rdl< th=""><th>2</th></rdl<>	2
Endosulfan sulfate			<rdl< td=""><td>2</td></rdl<>	2
Endrin			<rdl< td=""><td>2</td></rdl<>	2
Endrin aldehyde			<rdl< td=""><td>2</td></rdl<>	2
gamma-BHC			<rdl< td=""><td>2</td></rdl<>	2
Heptachlor			<rdl< td=""><td>2</td></rdl<>	2
Heptachlor epoxide			<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor			<rdl< td=""><td>10</td></rdl<>	10
Total Chlordane (Te	chnical)		<rdl< td=""><td>20</td></rdl<>	20
Toxaphene			<rdl< td=""><td>20</td></rdl<>	20
ANALYSIS: TCLI	Extraction !	Procedure	М	lethod Ref: 1311
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98 Re	esult Units:
Analyte Name			Analytical Results	Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLI	P Mercury		M	lethod Ref: 7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98 Re	esult Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLI	P Metals		M	Lethod Ref: 3010A/6010B
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/3/98 Re	esult Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Arsenic (Reg Limit	= 5.0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit	-		<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Lim			<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Lin			<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5			<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Lim			<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit =	5.0)		<rdl< td=""><td>1</td></rdl<>	1
<u>ANALYSIS: X DI</u>	RO QC Surro	ogates (Soil)	M	Method Ref: 3550A/8015
Date Analyzed:	3/4/98	Date Ext/Dig/Prep:	3/3/98 R	esult Units: %
Analyte Name			Analytical Results	Reported Detection Limits
o-Terphenyl			See narrative	0
ANALYSIS: X PA	AH/BN QC St	urrogates (Soils)	M	1ethod Ref: 3550A/8270B
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/4/98 R	esult Units: %
Analyte Name			Analytical Results	Reported Detection Limits
2-Fluorobiphenyl			86	0

Client Sample ID: EB-H5 AALSample ID #: AB38243 Accura Project #: 15785

Nitrobenzene-d5	39	0	
p-Terphenyl-d14	100	0	
ANALYSIS: X Pest/PCB QC Surrogates (Soils)		Method Ref: 3550A/8081	/2

Date Ext/Dig/Prep: 3/4/98

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	90	0
Tetrachloro-m-xylene	74	0

Date Analyzed:	3/3/98	Date Ext/Dig/Prep:	3/3/98 Resul	t Units: %
Analyte Name			Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d	4		80	0
4-Bromofluorobenzer	ıe		106	0
Toluene-d8			99	0

Accura Analytical Laboratory, Inc.

%

Result Units:

Method Ref: 8260A

Date Analyzed:

3/6/98

ANALYSIS: X VOC QC Surrogates (Soils)

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38244

Accura Project #: 15785

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/12/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EB-H6

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/3/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene Ethyl benzene Toluene

<RDL 12,000 <RDL

2500 2500 2500

Xylenes

16,000

2500

ANALYSIS: Diesel Range Organics (DRO)

3/5/98

Date Ext/Dig/Prep: 3/3/98

Method Ref: 3550A/8015 Result Units:

mg/Kg

Date Analyzed: Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

1,600

100

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

Reported Detection Limits 5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Analyte Name Arsenic

Result Units:

mg/Kg

Barium Cadmium Chromium Lead

Selenium Silver

<RDL 10 <RDL <RDL

<RDL

Analytical Results

5

5

<RDL

<RDL

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ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Date Analyzeu.	313170	Dute English.	·	3 5
Analyte Name			Analytical Results	Reported Detection Limits
1-Methylnaphthalene			8,300	1700
2-Methylnaphthalene			11,000	1700
Acenaphthene			<rdl< td=""><td>1700</td></rdl<>	1700
Acenaphthylene			<rdl< td=""><td>1700</td></rdl<>	1700
Anthracene			<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(a)anthracene			<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(a)pyrene			<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(b)fluoranthene			<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(g,h,i)perylene			<rdl< td=""><td>1700</td></rdl<>	1700
			<rdl< td=""><td>1700</td></rdl<>	1700
Benzo(k)fluoranthene			<rdl< td=""><td>1700</td></rdl<>	1700
Chrysene	10		<rdl< td=""><td>1700</td></rdl<>	1700
Dibenzo(a,h)anthracer	10		<rdl< td=""><td>1700</td></rdl<>	1700
Fluoranthene			<rdl< td=""><td>1700</td></rdl<>	1700
Fluorene			<rdl< td=""><td>1700</td></rdl<>	1700
Indeno(1,2,3-cd)pyrer	ie		4,500	1700
Naphthalene			4,500 <rdl< td=""><td>1700</td></rdl<>	1700
Phenanthrene			<rdl< td=""><td>1700</td></rdl<>	1700
Pyrene			\KDL	1700
ANALYSIS: PCB's				Method Ref: 3550A/8082

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/4/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016 PCB-1221 PCB-1232 PCB-1242 PCB-1248 PCB-1254	<rdl <rdl="" <rdl<="" td=""><td>20 40 40 20 20 20 20</td></rdl>	20 40 40 20 20 20 20
PCB-1260	\KDL	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2 2</td></rdl<>	2 2
4,4'-DDT	<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
Aldrin alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2 2</td></rdl<>	2 2
delta-BHC	<rdl< td=""><td></td></rdl<>	

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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					2
ieldrin			<rdl< td=""><td></td><td>2 .</td></rdl<>		2 .
ndosulfan sulfate			<rdl< td=""><td></td><td>2</td></rdl<>		2
ndrin			<rdl< td=""><td></td><td>2</td></rdl<>		2
ndrin aldehyde			<rdl< td=""><td></td><td>2</td></rdl<>		2
amma-BHC			<rdl< td=""><td></td><td>2</td></rdl<>		2
[eptachlor			<rdl< td=""><td></td><td>2</td></rdl<>		2
leptachlor epoxide			<rdl< td=""><td></td><td>10</td></rdl<>		10
1 1ethoxychlor			<rdl< td=""><td></td><td>20</td></rdl<>		20
otal Chlordane (Tecl	hnical)		<rdl< td=""><td></td><td>20</td></rdl<>		20
Coxaphene			<rdl< td=""><td></td><td>20</td></rdl<>		20
NALYSIS: TCLP	Extraction P	rocedure		Method Ref:	1311
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:	
-			Analytical Result	ts <u>Re</u> r	ported Detection Limits
Analyte Name			NA NA		0
CLP Extraction					
ANALYSIS: TCLP	Mercury			Method Ref:	
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:	mg/L
		_	Analytical Resul	<u>ts</u> <u>Re</u>	ported Detection Limits
Analyte Name					
Analyte Name Mercury (Reg Limit	= 0.2)		<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
Analyte Name Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>36 d 10.6</td><td></td></rdl<>	36 d 10.6	
					3010A/6010B
Mercury (Reg Limit		Date Ext/Dig/Prep:	3/3/98	Result Units:	3010A/6010B mg/L
Mercury (Reg Limit ANALYSIS: TCLP	• Metals	Date Ext/Dig/Prep:		Result Units:	3010A/6010B mg/L eported Detection Limits
Mercury (Reg Limit ANALYSIS: TCLP Date Analyzed: Analyte Name	Metals	Date Ext/Dig/Prep:	3/3/98 <u>Analytical Resul</u> <rdl< td=""><td>Result Units:</td><td>3010A/6010B mg/L eported Detection Limits</td></rdl<>	Result Units:	3010A/6010B mg/L eported Detection Limits
Mercury (Reg Limit ANALYSIS: TCLP Date Analyzed: Analyte Name Arsenic (Reg Limit:	3/5/98 = 5.0)	Date Ext/Dig/Prep:	3/3/98 Analytical Resulting CRDL <rdl< td=""><td>Result Units:</td><td>3010A/6010B mg/L eported Detection Limits 1 1</td></rdl<>	Result Units:	3010A/6010B mg/L eported Detection Limits 1 1
Mercury (Reg Limit ANALYSIS: TCLP Date Analyzed: Analyte Name Arsenic (Reg Limit = Barium (Reg Limit =	Metals 3/5/98 = 5.0) = 100.0)	Date Ext/Dig/Prep:	3/3/98 Analytical Resulting CRDL <rdl <rdl="" <rdl<="" td=""><td>Result Units:</td><td>3010A/6010B mg/L eported Detection Limits</td></rdl>	Result Units:	3010A/6010B mg/L eported Detection Limits
Mercury (Reg Limit ANALYSIS: TCLP Date Analyzed: Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Lim	Metals 3/5/98 = 5.0) = 100.0) it = 1.0)	Date Ext/Dig/Prep:	3/3/98 Analytical Result <rdl <rdl="" <rdl<="" td=""><td>Result Units:</td><td>3010A/6010B mg/L eported Detection Limits 1 1</td></rdl>	Result Units:	3010A/6010B mg/L eported Detection Limits 1 1
Mercury (Reg Limit ANALYSIS: TCLP Date Analyzed: Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Lim Chromium (Reg Lim	9 Metals 3/5/98 = 5.0) = 100.0) it = 1.0) nit = 5.0)	Date Ext/Dig/Prep:	3/3/98 Analytical Resulting CRDL <rdl <rdl="" <rdl<="" td=""><td>Result Units:</td><td>3010A/6010B mg/L eported Detection Limits 1 1 1 1 1</td></rdl>	Result Units:	3010A/6010B mg/L eported Detection Limits 1 1 1 1 1
Mercury (Reg Limit ANALYSIS: TCLP Date Analyzed: Analyte Name Arsenic (Reg Limit = Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = 5	3/5/98 = 5.0) = 100.0) it = 1.0) nit = 5.0) 5.0)	Date Ext/Dig/Prep:	3/3/98 Analytical Result <rdl <rdl="" <rdl<="" td=""><td>Result Units:</td><td>3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1</td></rdl>	Result Units:	3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1
Mercury (Reg Limit ANALYSIS: TCLP Date Analyzed: Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Lim Chromium (Reg Lim	Metals 3/5/98 = 5.0) = 100.0) it = 1.0) nit = 5.0) 5.0) it = 1.0)	Date Ext/Dig/Prep:	3/3/98 Analytical Result	Result Units:	3010A/6010B mg/L eported Detection Limits 1 1 1 1 1
Mercury (Reg Limit ANALYSIS: TCLP Date Analyzed: Analyte Name Arsenic (Reg Limit = Cadmium (Reg Limit = Cadmiu	3/5/98 = 5.0) = 100.0) it = 1.0) it = 5.0) 5.0) it = 1.0)		3/3/98 Analytical Result <rdl <rdl="" <rdl<="" td=""><td>Result Units: <u>Its</u><u>Re</u></td><td>3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1</td></rdl>	Result Units: <u>Its</u> <u>Re</u>	3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1
Mercury (Reg Limit ANALYSIS: TCLP Date Analyzed: Analyte Name Arsenic (Reg Limit = Cadmium (Reg Limit = Cadmium (Reg Limit = Selenium (Reg Limit = Selenium (Reg Limit = Selenium (Reg Limit = Silver (Reg Limit = Selenium (Reg Limit = Selen	3/5/98 = 5.0) = 100.0) it = 1.0) it = 5.0) 5.0) it = 1.0)		3/3/98 Analytical Result <rdl <rdl="" <rdl<="" td=""><td>Result Units: <u>Its</u><u>Re</u></td><td>3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td></rdl>	Result Units: <u>Its</u> <u>Re</u>	3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Mercury (Reg Limit ANALYSIS: TCLP Date Analyzed: Analyte Name Arsenic (Reg Limit = Cadmium (Reg Limit = Cadmium (Reg Limit = Selenium (Reg Limit = Selenium (Reg Limit = Silver (Reg Limit = Silver (Reg Limit = ANALYSIS: X DI Date Analyzed:	9 Metals 3/5/98 = 5.0) = 100.0) it = 1.0) it = 5.0) 5.0) it = 1.0) 5.0)	ogates (Soil)	3/3/98 Analytical Result <rdl <rdl="" <rdl<="" td=""><td>Result Units: Its Re Method Ref Result Units</td><td>3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td></rdl>	Result Units: Its Re Method Ref Result Units	3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Mercury (Reg Limit ANALYSIS: TCLP Date Analyzed: Analyte Name Arsenic (Reg Limit = Cadmium (Reg Limit = Cadmium (Reg Limit = Selenium (Reg Limit = Selenium (Reg Limit = Selenium (Reg Limit = Silver (Reg Limit = Imit	9 Metals 3/5/98 = 5.0) = 100.0) it = 1.0) it = 5.0) 5.0) it = 1.0) 5.0)	ogates (Soil)	3/3/98 Analytical Result	Result Units: Its Re Method Ref Result Units ults R	3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Mercury (Reg Limit ANALYSIS: TCLP Date Analyzed: Analyte Name Arsenic (Reg Limit = Cadmium (Reg Limit = Cadmium (Reg Limit = Selenium (Reg Limit = Selenium (Reg Limit = Silver (Reg Limit = Silver (Reg Limit = ANALYSIS: X DI Date Analyzed:	9 Metals 3/5/98 = 5.0) = 100.0) it = 1.0) it = 5.0) 5.0) it = 1.0) 5.0)	ogates (Soil)	3/3/98 Analytical Result <rdl <rd<="" <rdl="" td=""><td>Result Units: Its Result Units Method Ref Result Units ults Result Units</td><td>3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 0 Reported Detection Limits</td></rdl>	Result Units: Its Result Units Method Ref Result Units ults Result Units	3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 0 Reported Detection Limits
Mercury (Reg Limit ANALYSIS: TCLP Date Analyzed: Analyte Name Arsenic (Reg Limit = Cadmium (Reg Limit = Cadmium (Reg Limit = Selenium (Reg Limit = Selenium (Reg Limit = Selenium (Reg Limit = Silver (Reg Limit = Imit	9 Metals 3/5/98 = 5.0) = 100.0) it = 1.0) 5.0) it = 1.0) 5.0) RO QC Surres 3/5/98	ogates (Soil) Date Ext/Dig/Prep Surrogates (Soils)	3/3/98 Analytical Result <rdl <rdl="" narrate<="" see="" td=""><td>Result Units: Its Result Units Method Ref Result Units ults Result Units tive</td><td>3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1 1 1 1 0 eported Detection Limits Ceported Detection Limits</td></rdl>	Result Units: Its Result Units Method Ref Result Units ults Result Units tive	3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1 1 1 1 0 eported Detection Limits Ceported Detection Limits
Mercury (Reg Limit ANALYSIS: TCLP Date Analyzed: Analyte Name Arsenic (Reg Limit: Barium (Reg Limit: Cadmium (Reg Limit: Cadmium (Reg Limit: Lead (Reg Limit: Selenium (Reg Limit: Selenium (Reg Limit: Selenium (Reg Limit: Selenium (Reg Limit: ANALYSIS: X DI Date Analyzed: Analyte Name o-Terphenyl	9 Metals 3/5/98 = 5.0) = 100.0) it = 1.0) 5.0) it = 1.0) 5.0) RO QC Surres 3/5/98	ogates (Soil) Date Ext/Dig/Prep	3/3/98 Analytical Result	Result Units: Its Result Units: Method Ref Result Units tive Method Ref Result Unit	3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1 1 1 0 f: 3550A/8270B s: %
Mercury (Reg Limit ANALYSIS: TCLP Date Analyzed: Analyte Name Arsenic (Reg Limit = Cadmium (Reg Limit = Cadmium (Reg Limit = Selenium (Reg Limit = Selenium (Reg Limit = Selenium (Reg Limit = Cadmium (Reg Limit = Cad	9 Metals 3/5/98 = 5.0) = 100.0) it = 1.0) 5.0) it = 1.0) 5.0) RO QC Surre 3/5/98	ogates (Soil) Date Ext/Dig/Prep Surrogates (Soils)	3/3/98 Analytical Result <rdl <rdl="" narrate<="" see="" td=""><td>Result Units: Its Result Units: Method Ref Result Units tive Method Ref Result Unit</td><td>3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1 1 1 1 0 eported Detection Limits Ceported Detection Limits</td></rdl>	Result Units: Its Result Units: Method Ref Result Units tive Method Ref Result Unit	3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1 1 1 1 0 eported Detection Limits Ceported Detection Limits

Client Sample ID: EB-H6

AALSample ID#: AB38244 Accura Project#: 15785

	E 1	0
Nitrobenzene-d5	51	U
	95	0
p-Terphenyl-d14	93	Ū

ANALYSIS: X	Pest/PCB QC Surrogates	<u>(Soils)</u>
-------------	------------------------	----------------

Method Ref: 3550A/8081/2

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/4/98

% Result Units:

Reported Detection Limits Analytical Results

Analyte Name Decachlorobiphenyl

Tetrachloro-m-xylene

80

0

66

0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/3/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

%

Analyte Name

1,2-Dichloroethane-d4 4-Bromofluorobenzene

Toluene-d8

Reported Detection Limits **Analytical Results**

87

106

0 0

104

0

Accura Analytical Laboratory, Inc.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38245

Accura Project #: 15785

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/12/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

FB-H7

<u>ANALYSIS: BTEX</u>

Method Ref: 5030A/8260A

Date Analyzed:

3/3/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene

<RDL 9,000 2500

Ethyl benzene Toluene

<RDL

2500 2500 2500

Xylenes

9,300

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/5/98

Date Ext/Dig/Prep:

3/3/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

1,200

100

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

3/4/98

Date Ext/Dig/Prep:

Date Analyzed:

3/2/98

Result Units:

Analyte Name

Analytical Results

mg/Kg

<RDL

Reported Detection Limits

5

Arsenic Barium Cadmium

14 <RDL <RDL

5 0.5

Chromium Lead

Selenium

<RDL <RDL

<RDL

5 5 5

Silver

< RDL = Less than Reported Detection Limit

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Client Sample ID: EB-H7

ACCURA ANALYTICAL LABORATORY, INC.

AALSample ID #: AB38245 Accura Project #: 15785

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Result Units:

ug/Kg

Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/4/98	Result Units:	ug/Kg
Analyte Name			Analytical Results	<u>Rep</u>	orted Detection Limits
			6,400		1700
1-Methylnaphthalene			8,700		1700
2-Methylnaphthalene	i		<rdl< td=""><td></td><td>1700</td></rdl<>		1700
Acenaphthene			<rdl< td=""><td></td><td>1700</td></rdl<>		1700
Acenaphthylene			<rdl< td=""><td></td><td>1700</td></rdl<>		1700
Anthracene			<rdl< td=""><td></td><td>1700</td></rdl<>		1700
Benzo(a)anthracene			<rdl< td=""><td></td><td>1700</td></rdl<>		1700
Benzo(a)pyrene			<rdl< td=""><td></td><td>1700</td></rdl<>		1700
Benzo(b)fluoranthen			<rdl< td=""><td></td><td>1700</td></rdl<>		1700
Benzo(g,h,i)perylene			<rdl< td=""><td></td><td>1700</td></rdl<>		1700
Benzo(k)fluoranthen	e		<rdl< td=""><td></td><td>1700</td></rdl<>		1700
Chrysene			<rdl< td=""><td></td><td>1700</td></rdl<>		1700
Dibenzo(a,h)anthrac	ene		<rdl< td=""><td></td><td>1700</td></rdl<>		1700
Fluoranthene			<rdl <rdl< td=""><td></td><td>1700</td></rdl<></rdl 		1700
Fluorene			<rdl< td=""><td></td><td>1700</td></rdl<>		1700
Indeno(1,2,3-cd)pyre	ene				1700
Naphthalene			5,500		1700
Phenanthrene			<rdl< td=""><td></td><td>1700</td></rdl<>		1700
Pyrene			<rdl< td=""><td></td><td>1700</td></rdl<>		1700
ANALYSIS: PCB's	s	 Date Ext/Dig/Prep:	3/4/98	Method Ref: Result Units:	ug/Kg
Date Analyzed:	3/0/76	Dute Division Parties.			
Analyte Name			Analytical Resul	<u>lts Re</u>	ported Detection Limits
PCB-1016			<rdl< td=""><td></td><td>20</td></rdl<>		20
PCB-1221			<rdl< td=""><td></td><td>40</td></rdl<>		40
PCB-1232			<rdl< td=""><td></td><td>40</td></rdl<>		40
PCB-1242			<rdl< td=""><td></td><td>20</td></rdl<>		20
PCB-1248			<rdl< td=""><td></td><td>20</td></rdl<>		20
PCB-1254			<rdl< td=""><td></td><td>20</td></rdl<>		20
PCB-1260			<rdl< td=""><td></td><td>20</td></rdl<>		20
				Method Ref:	3550A/8081A
ANALYSIS: Pesti	cides				
Date Analyzed:	3/6/98	Date Ext/Dig/Prep		Result Units:	_
Analyte Name			Analytical Resu	<u>ılts Re</u>	eported Detection Limits
4,4'-DDD			<rdl< td=""><td></td><td>2</td></rdl<>		2
4,4'-DDE			<rdl< td=""><td></td><td>2</td></rdl<>		2
4,4'-DDT			<rdl< td=""><td></td><td>2</td></rdl<>		2
Aldrin			<rdl< td=""><td></td><td>2</td></rdl<>		2
alpha-BHC			<rdl< td=""><td></td><td>2</td></rdl<>		2
alpha-Endosulfan			<rdl< td=""><td></td><td>2</td></rdl<>		2
beta-BHC			<rdl< td=""><td></td><td>2</td></rdl<>		2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

<RDL

<RDL

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2

2

Client Sample ID: EB-H7

beta-BHC

delta-BHC

beta-Endosulfan

AALSample ID #: AB38245 Accura Project #: 15785

			<rdl< th=""><th>2</th></rdl<>	2	
Dieldrin			<rdl< td=""><td>2</td></rdl<>	2	
Endosulfan sulfate			<rdl< td=""><td>2</td></rdl<>	2	
Endrin			<rdl< td=""><td>2</td></rdl<>	2	
Endrin aldehyde			<rdl< td=""><td>2</td></rdl<>	2	
gamma-BHC			<rdl< td=""><td>2</td></rdl<>	2	
Leptachlor			<rdl< td=""><td>2</td></rdl<>	2	
Teptachlor epoxide			<rdl< td=""><td>10</td></rdl<>	10	
Methoxychlor			<rdl< td=""><td>20</td></rdl<>	20	
Fotal Chlordane (Ted	chnical)		<rdl< td=""><td>20</td></rdl<>	20	
Гохарhene			NDL .		
ANALYSIS: TCLP	Extraction P	rocedure	Method Ref: 1311		
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98 Res	ult Units:	
Analyte Name			Analytical Results	Reported Detection Limits	
TCLP Extraction			NA	0	
	B.M. aurani		Me	thod Ref: 7470A	
ANALYSIS: TCLP	Mercury 3/2/98	 Date Ext/Dig/Prep:		sult Units: mg/L	
Date Analyzed:	312170	Date Bre Big 110p.	Analytical Results	Reported Detection Limits	
Analyte Name			<rdl< td=""><td>0.1</td></rdl<>	0.1	
	0.01		< KDL	0.1	
Mercury (Reg Limit	(=0.2)				
• • •			Me	ethod Ref: 3010A/6010B	
Mercury (Reg Limit <u>ANALYSIS: TCLI</u> Date Analyzed:		 Date Ext/Dig/Prep:		ethod Ref: 3010A/6010B sult Units: mg/L	
ANALYSIS: TCLI	P Metals	Date Ext/Dig/Prep:		sult Units: mg/L	
ANALYSIS: TCLI Date Analyzed: Analyte Name	2/5/98	 Date Ext/Dig/Prep:	3/3/98 Res	sult Units: mg/L	
ANALYSIS: TCLI Date Analyzed: Analyte Name Arsenic (Reg Limit	2 Metals 3/5/98 = 5.0)	 Date Ext/Dig/Prep:	3/3/98 Res	sult Units: mg/L Reported Detection Limits	
ANALYSIS: TCLI Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit	2/5/98 3/5/98 = 5.0) = 100.0)	Date Ext/Dig/Prep:	3/3/98 Res Analytical Results <rdl< td=""><td>sult Units: mg/L <u>Reported Detection Limits</u> 1</td></rdl<>	sult Units: mg/L <u>Reported Detection Limits</u> 1	
ANALYSIS: TCLI Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Limit	9 Metals 3/5/98 = 5.0) = 100.0) ait = 1.0)	Date Ext/Dig/Prep:	3/3/98 Res Analytical Results <rdl <rdl<="" td=""><td>sult Units: mg/L <u>Reported Detection Limits</u> 1 1</td></rdl>	sult Units: mg/L <u>Reported Detection Limits</u> 1 1	
ANALYSIS: TCLI Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim	9 Metals 3/5/98 = 5.0) = 100.0) nit = 1.0) mit = 5.0)	 Date Ext/Dig/Prep:	3/3/98 Res Analytical Results <rdl <rdl="" <rdl<="" td=""><td>sult Units: mg/L <u>Reported Detection Limits</u> 1 1 1</td></rdl>	sult Units: mg/L <u>Reported Detection Limits</u> 1 1 1	
ANALYSIS: TCLI Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = 5	9 Metals 3/5/98 = 5.0) = 100.0) ait = 1.0) mit = 5.0) 5.0)	Date Ext/Dig/Prep:	3/3/98 Res Analytical Results <rdl <rdl="" <rdl<="" td=""><td>sult Units: mg/L <u>Reported Detection Limits</u> 1 1 1</td></rdl>	sult Units: mg/L <u>Reported Detection Limits</u> 1 1 1	
ANALYSIS: TCLI Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim	9 Metals 3/5/98 = 5.0) = 100.0) ait = 1.0) mit = 5.0) 5.0) it = 1.0)	Date Ext/Dig/Prep:	3/3/98 Res Analytical Results <rdl <rdl="" <rdl<="" td=""><td>sult Units: mg/L <u>Reported Detection Limits</u> 1 1 1</td></rdl>	sult Units: mg/L <u>Reported Detection Limits</u> 1 1 1	
ANALYSIS: TCLI Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = 5 Selenium (Reg Lim Silver (Reg Limit = 5	9 Metals 3/5/98 = 5.0) = 100.0) ait = 1.0) mit = 5.0) 5.0) it = 1.0)		3/3/98 Res Analytical Results <rdl <rdl="" <rdl<="" td=""><td>sult Units: mg/L Reported Detection Limits 1 1 1 1 1 1</td></rdl>	sult Units: mg/L Reported Detection Limits 1 1 1 1 1 1	
ANALYSIS: TCLI Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = 5 Selenium (Reg Lim Silver (Reg Limit = 1 ANALYSIS: X D	9 Metals 3/5/98 = 5.0) = 100.0) ait = 1.0) mit = 5.0) 5.0) it = 1.0)		3/3/98 Res Analytical Results <rdl <rdl="" <rdl<="" td=""><td>sult Units: mg/L Reported Detection Limits 1 1 1 1 1 1 1 1</td></rdl>	sult Units: mg/L Reported Detection Limits 1 1 1 1 1 1 1 1	
ANALYSIS: TCLI Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = 3 Selenium (Reg Lim Silver (Reg Limit = 4 ANALYSIS: X Di Date Analyzed:	P Metals 3/5/98 = 5.0) = 100.0) ait = 1.0) mit = 5.0) 5.0) it = 1.0) 5.0)	ogates (Soil)	3/3/98 Res Analytical Results <rdl <rdl="" <rdl<="" td=""><td>Reported Detection Limits Reported Detection Limits 1 1 1 1 1 1 1 1 ethod Ref: 3550A/8015</td></rdl>	Reported Detection Limits Reported Detection Limits 1 1 1 1 1 1 1 1 ethod Ref: 3550A/8015	
ANALYSIS: TCLI Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = 3 Selenium (Reg Lim Silver (Reg Limit = 4 ANALYSIS: X D Date Analyzed: Analyte Name	P Metals 3/5/98 = 5.0) = 100.0) ait = 1.0) mit = 5.0) 5.0) it = 1.0) 5.0)	ogates (Soil)	3/3/98 Res Analytical Results <rdl <rdl="" <rdl<="" td=""><td>Reported Detection Limits Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td></rdl>	Reported Detection Limits Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
ANALYSIS: TCLI Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = 3 Selenium (Reg Lim Silver (Reg Limit = 4 ANALYSIS: X Di Date Analyzed:	P Metals 3/5/98 = 5.0) = 100.0) ait = 1.0) mit = 5.0) 5.0) it = 1.0) 5.0)	ogates (Soil)	3/3/98 Res Analytical Results <rdl 3="" 98="" <rdl="" analytical="" mg="" narrative<="" results="" see="" srdl="" td=""><td>Reported Detection Limits 1 1 1 1 1 1 1 1 1 2 ethod Ref: 3550A/8015 esult Units: % Reported Detection Limits 0</td></rdl>	Reported Detection Limits 1 1 1 1 1 1 1 1 1 2 ethod Ref: 3550A/8015 esult Units: % Reported Detection Limits 0	
ANALYSIS: TCLI Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = 3 Selenium (Reg Lim Silver (Reg Limit = 4 ANALYSIS: X D Date Analyzed: Analyte Name	9 Metals 3/5/98 = 5.0) = 100.0) ait = 1.0) 5.0) it = 1.0) 5.0) RO QC Surro 3/5/98	ogates (Soil) Date Ext/Dig/Prep: Surrogates (Soils)	3/3/98 Res Analytical Results <rdl <rdl="" analytical="" months<="" narrative="" results="" sedl="" see="" td=""><td>Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td></rdl>	Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
ANALYSIS: TCLI Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = Selenium (Reg Lim Silver (Reg Limit = ANALYSIS: X D) Date Analyzed: Analyte Name o-Terphenyl	9 Metals 3/5/98 = 5.0) = 100.0) ait = 1.0) 5.0) it = 1.0) 5.0) RO QC Surro 3/5/98	ogates (Soil) Date Ext/Dig/Prep:	3/3/98 Res Analytical Results <rdl <rdl="" analytical="" months<="" narrative="" results="" sedl="" see="" td=""><td>Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td></rdl>	Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
ANALYSIS: TCLI Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = Selenium (Reg Lim Silver (Reg Limit = ANALYSIS: X D) Date Analyzed: Analyte Name o-Terphenyl	2 Metals 3/5/98 = 5.0) = 100.0) sit = 1.0) 5.0) it = 1.0) 5.0) RO QC Surro 3/5/98	ogates (Soil) Date Ext/Dig/Prep: Surrogates (Soils)	3/3/98 Res Analytical Results <rdl <rdl="" analytical="" months<="" narrative="" results="" sedl="" see="" td=""><td>Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td></rdl>	Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

Client Sample ID: EB-H7 AALSample ID #: AB38245 Accura Project #: 15785

Nitrobenzene-d5 p-Terphenyl-d14			86 103		0
ANALYSIS: X Pest/PCB QC Surrogates (Soils) Date Analyzed: 3/6/98 Date Ext/Dig/Prep:			Method Ref: 3550A/8081/2 3/4/98 Result Units: %		
Analyte Name Decachlorobiphenyl Tetrachloro-m-xylene			Analytical Resul 92 76	<u>Re</u> q	oorted Detection Limits 0 0
ANALYSIS: X VOO Date Analyzed: Analyte Name 1,2-Dichloroethane-d 4-Bromofluorobenzer Toluene-d8	3/3/98 4	ates (Soils) Date Ext/Dig/Prep:	3/3/98 <u>Analytical Resul</u> 85 100 99	Method Ref: Result Units: ts Re	8260A % ported Detection Limits 0 0 0

Accura Analytical Laboratory, Inc.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38246

Accura Project #: 15785

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/13/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EB-H8

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/3/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene Ethyl benzene <RDL 9,000 2500 2500

Toluene

Xylenes

<RDL 38,000 2500 2500

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

990

100

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

Silver

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Reported Detection Limits Analyte Name Analytical Results <RDL 5 Arsenic 15 5 Barium Cadmium 1.0 0.5 <RDL 5 Chromium 5 Lead 20 5 <RDL Selenium

ACCURA ANALYTICAL LABORATORY, INC.

< RDL = Less than Reported Detection Limit

<RDL

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Client Sample ID: EB-H8

AALSample ID #: AB38246 Accura Project #: 15785

5

Method Ref: 3550A/8270B

Result Units: ug/Kg

Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/4/98	Result Units: ug/Kg
Analyte Name			Analytical Result	Reported Detection Limits
1-Methylnaphthalen	5		5,500	1600
2-Methylnaphthalen			7,500	1600
	Ç		<rdl< td=""><td>1600</td></rdl<>	1600
Acenaphthene			<rdl< td=""><td>1600</td></rdl<>	1600
Acenaphthylene			<rdl< td=""><td>1600</td></rdl<>	1600
Anthracene			<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(a)anthracene			<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(a)pyrene			<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(b)fluoranther			<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(g,h,i)perylene			<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(k)fluoranther	ne		<rdl< td=""><td>1600</td></rdl<>	1600
Chrysene			<rdl< td=""><td>1600</td></rdl<>	1600
Dibenzo(a,h)anthrac	ene		<rdl< td=""><td>1600</td></rdl<>	1600
Fluoranthene			<rdl< td=""><td>1600</td></rdl<>	1600
Fluorene			<rdl< td=""><td>1600</td></rdl<>	1600
Indeno(1,2,3-cd)pyr	ene		4,500	1600
Naphthalene			4,500 <rdl< td=""><td>1600</td></rdl<>	1600
Phenanthrene			<rdl< td=""><td>1600</td></rdl<>	1600
Pyrene			<rdl< td=""><td>1000</td></rdl<>	1000
ANALYSIS: PCB'	s			Method Ref: 3550A/8082
	3/6/98	Date Ext/Dig/Prep:	3/4/98	Result Units: ug/Kg
Date Analyzed:	510176	2 an 2 an 2 a a a a		
Analyte Name			Analytical Resul	ts Reported Detection Limits
DCD 1016			<rdl< td=""><td>20</td></rdl<>	20

- · · · · · · · · · · · · · · · · · · ·		
Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016 PCB-1221 PCB-1232 PCB-1242 PCB-1248 PCB-1254 PCB-1260	<rdl <rdl="" <rdl<="" td=""><td>20 40 40 20 20 20 20</td></rdl>	20 40 40 20 20 20 20
PCD-1200		

AMALIANA I Conclude	ANALYSIS:	<u>Pesticides</u>
---------------------	-----------	-------------------

Method Ref: 3550A/8081A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/4/98

Result Units: ug/Kg

Date Analyzed.	· .	
Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD 4,4'-DDE 4,4'-DDT Aldrin alpha-BHC alpha-Endosulfan	<rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>2 2 2 2 2 2 2</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl 	2 2 2 2 2 2 2
beta-BHC beta-Endosulfan delta-BHC	<rdl <rdl <rdl< td=""><td>2 2</td></rdl<></rdl </rdl 	2 2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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			an Di	2
Dieldrin			<rdl <rdl< td=""><td>2 2</td></rdl<></rdl 	2 2
Endosulfan sulfate				
Endrin			<rdl< td=""><td>2</td></rdl<>	2
Endrin aldehyde			<rdl< td=""><td>2</td></rdl<>	2
gamma-BHC			<rdl< td=""><td>2 2</td></rdl<>	2 2
Heptachlor			<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
Heptachlor epoxide			<rdl <rdl< td=""><td>10</td></rdl<></rdl 	10
Methoxychlor	1 - 2 - 1N		<rdl <rdl< td=""><td>20</td></rdl<></rdl 	20
Total Chlordane (Te	ecnnical)		<rdl< td=""><td>20</td></rdl<>	20
Toxaphene			\KDL	20
ANALYSIS: TCLI	Extraction	Procedure		Method Ref: 1311
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:
Analyte Name			Analytical Result	Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLI) Morenry			Method Ref: 7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Result	Reported Detection Limits
Mercury (Reg Limit	t = 0.2		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLI	P Metals			Method Ref: 3010A/6010B
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/3/98	Result Units: mg/L
Analyte Name			Analytical Result	Reported Detection Limits
Arsenic (Reg Limit	= 5,0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit			<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Lim			<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Lin			<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5			<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Limi			<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit =	5.0)		<rdl< td=""><td>1</td></rdl<>	1
ANALYSIS: X DI	RO QC Surro	ogates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/3/98	Result Units: %
Analyte Name			Analytical Resul	Reported Detection Limits
o-Terphenyl			See narrativ	ve 0
ANIAT WOYO, W. DA	TYDN OC S	unuagatas (Sails)		Method Ref: 3550A/8270B
ANALYSIS: X PA			2/4/00	
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/4/98	Result Units: %
			Analytical Resul	Reported Detection Limits
Analyte Name 2-Fluorobiphenyl			99	0

Client Sample ID: EB-H8 AALSample ID#: AB38246 Accura Project #: 15785

Nitrobenzene-d5 p-Terphenyl-d14			106 110		0
ANALYSIS: X Pest/ Date Analyzed:	PCB QC Sur 3/6/98	rogates (Soils) Date Ext/Dig/Prep:	3/4/98	Method Ref: Result Units:	3550A/8081/2 %
Analyte Name Decachlorobiphenyl Tetrachloro-m-xylene			Analytical Resul 83 75	<u>ts Re</u>	oported Detection Limits 0 0
ANALYSIS: X VOC	C QC Surroga 3/3/98	tes (Soils) Date Ext/Dig/Prep:	3/3/98	Method Ref: Result Units:	

Analytical Results

93

108

107

Accura Analytical Laboratory, Inc.

Reported Detection Limits

0

0

Analyte Name

Toluene-d8

1,2-Dichloroethane-d4

4-Bromofluorobenzene

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38247

Accura Project #: 15785

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/12/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EB-I5

Method Ref: 5030A/8260A

ANALYSIS: BTEX

3/4/98

Date Ext/Dig/Prep:

Result Units: 3/4/98

ug/Kg

Analyte Name

Date Analyzed:

Analytical Results

Reported Detection Limits

Benzene Ethyl benzene <RDL <RDL

<RDL <RDL 5 5

5

5

Toluene **Xylenes**

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/5/98

Date Ext/Dig/Prep:

3/3/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

<RDL

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

3/2/98 Date Ext/Dig/Prep:

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep:

3/2/98

mg/Kg

Result Units:

Analyte Name

Analytical Results <RDL

Reported Detection Limits

6.8

Arsenic Barium

5 5

Cadmium Chromium <RDL <RDL 0.5 5

Lead Selenium

Silver

<RDL <RDL <RDL 5 5

5

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< RDL = Less than Reported Detection Limit

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Client Sample ID: EB-15

AALSample ID #: AB38247 Accura Project #: 15785

Method Ref: 3550A/8270B

ANALYSIS: PAH's			- 4. (0.0	Result Units:	ug/Kg
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/4/98	Result Onts.	ug/Ng
Analyte Name			Analytical Resul	ts Repo	orted Detection Limits
			<rdl< td=""><td></td><td>330</td></rdl<>		330
1-Methylnaphthalene			<rdl< td=""><td></td><td>330</td></rdl<>		330
2-Methylnaphthalene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Acenaphthene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Acenaphthylene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Anthracene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Benzo(a)anthracene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Benzo(a)pyrene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Benzo(b)fluoranthene	е		<rdl< td=""><td></td><td>330</td></rdl<>		330
Benzo(g,h,i)perylene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Benzo(k)fluoranthen	e		<rdl< td=""><td></td><td>330</td></rdl<>		330
Chrysene			<rdl <rdl< td=""><td></td><td>330</td></rdl<></rdl 		330
Dibenzo(a,h)anthrace	ene				330
Fluoranthene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Fluorene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Indeno(1,2,3-cd)pyro	ene		<rdl< td=""><td></td><td>330</td></rdl<>		330
Naphthalene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Phenanthrene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Pyrene			<rdl< td=""><td></td><td>330</td></rdl<>		330
•				Method Ref:	2550 A /8082
ANALYSIS: PCB'	s				
Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/4/98	Result Units:	ug/Kg
Analyte Name			Analytical Res	ults Re	ported Detection Limits
-			<rdl< td=""><td></td><td>20</td></rdl<>		20
PCB-1016			<rdl< td=""><td></td><td>40</td></rdl<>		40
PCB-1221			<rdl< td=""><td></td><td>40</td></rdl<>		40
PCB-1232			<rdl< td=""><td></td><td>20</td></rdl<>		20
PCB-1242			<rdl< td=""><td></td><td>20</td></rdl<>		20
PCB-1248			<rdl< td=""><td></td><td>20</td></rdl<>		20
PCB-1254) a	<rdl< td=""><td></td><td>20</td></rdl<>		20
PCB-1260		. 3			
				Method Ref:	3550A/8081A
ANALYSIS: Pesti	icides			Result Units:	
Date Analyzed:	3/7/98	Date Ext/Dig/Prep			
Analyte Name			Analytical Re	sults R	eported Detection Limits
4 41 000			<rdl< td=""><td></td><td>2</td></rdl<>		2
4,4'-DDD			<rdl< td=""><td></td><td>2</td></rdl<>		2
4,4'-DDE			<rdl< td=""><td></td><td>2</td></rdl<>		2

				mit Pg 18 of 44
beta-Endosulfan delta-BHC			<rdl< td=""><td>2</td></rdl<>	2
beta-BHC			<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
Aldrin			<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT			<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE			<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDD			<rdl< td=""><td>2</td></rdl<>	2
			<rdl< td=""><td>2</td></rdl<>	2
Analyte Name			Analytical Results	Reported Detection Limits
Date Analyzed:	3/11 9 8	Date Examigrator.		

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Client Sample ID: EB-I5

AALSample ID#: AB38247 Accura Project#: 15785

					_
			<rdl< td=""><td></td><td>2</td></rdl<>		2
Dieldrin			<rdl< td=""><td></td><td>2</td></rdl<>		2
ndosulfan sulfate			<rdl< td=""><td></td><td>2</td></rdl<>		2
Indrin			<rdl< td=""><td></td><td>2</td></rdl<>		2
Endrin aldehyde			<rdl< td=""><td></td><td>2</td></rdl<>		2
amma-BHC			<rdl< td=""><td></td><td>2</td></rdl<>		2
Ieptachlor			<rdl< td=""><td></td><td>2</td></rdl<>		2
leptachlor epoxide			<rdl< td=""><td></td><td>10</td></rdl<>		10
Methoxychlor (T. alam	.:		<rdl< td=""><td></td><td>20</td></rdl<>		20
Cotal Chlordane (Techr Coxaphene	iicai)		<rdl< td=""><td></td><td>20</td></rdl<>		20
ANALYSIS: TCLP E	xtraction P	rocedure		Method Re	
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Uni	
Analyte Name			Analytical Resi	<u>ults</u>	Reported Detection Limits 0
TCLP Extraction			NA		U
TOTAL TOTAL TOTAL D. B.	Managery			Method R	ef: 7470A
ANALYSIS: TCLP N	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Un	its: mg/L
Date Analyzed:	312170		Analytical Res	sults	Reported Detection Limits
Analyte Name			<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
Mercury (Reg Limit =	0.2)		\KDL		
			\KDL	Method F	tef: 3010A/6010B
ANALYSIS: TCLP		 Date Ext/Dig/Prep:		Method F Result Ur	
ANALYSIS: TCLP Date Analyzed:	Metals	 Date Ext/Dig/Prep:		Result Ur	
ANALYSIS: TCLP Date Analyzed: Analyte Name	<u>Metals</u> 3/5/98	 Date Ext/Dig/Prep:	3/3/98 Analytical Re	Result Ur	nits: mg/L
ANALYSIS: TCLP Date Analyzed: Analyte Name Arsenic (Reg Limit =	Metals 3/5/98	 Date Ext/Dig/Prep:	3/3/98 <u>Analytical Re</u> <rdl< td=""><td>Result Ur</td><td>nits: mg/L Reported Detection Limits</td></rdl<>	Result Ur	nits: mg/L Reported Detection Limits
ANALYSIS: TCLP Date Analyzed: Analyte Name Arsenic (Reg Limit = Barium (Reg Limit =	Metals 3/5/98 5.0) 100.0)	 Date Ext/Dig/Prep:	3/3/98 Analytical Revenue RDL <rdl< td=""><td>Result Ur</td><td>nits: mg/L <u>Reported Detection Limits</u> 1</td></rdl<>	Result Ur	nits: mg/L <u>Reported Detection Limits</u> 1
ANALYSIS: TCLP: Date Analyzed: Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit)	Metals 3/5/98 5.0) 100.0) 1=1.0)	 Date Ext/Dig/Prep:	3/3/98 Analytical Re <rdl <rdl="" <rdl<="" td=""><td>Result Ur</td><td>nits: mg/L <u>Reported Detection Limits</u> 1</td></rdl>	Result Ur	nits: mg/L <u>Reported Detection Limits</u> 1
ANALYSIS: TCLP: Date Analyzed: Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Lim	3/5/98 2 5.0) 100.0) 100.0) 2 = 1.0) 2 it = 5.0)	 Date Ext/Dig/Prep:	3/3/98 Analytical Re <rdl <rdl="" <rdl<="" td=""><td>Result Ur</td><td>nits: mg/L <u>Reported Detection Limits</u> 1 1 1</td></rdl>	Result Ur	nits: mg/L <u>Reported Detection Limits</u> 1 1 1
ANALYSIS: TCLP: Date Analyzed: Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5.	3/5/98 5.0) 100.0) 1 = 1.0) 1 = 5.0) 0)	 Date Ext/Dig/Prep:	3/3/98 Analytical Revenue RDL <rdl <rdl="" <rdl<="" td=""><td>Result Ur</td><td>nits: mg/L <u>Reported Detection Limits</u> 1 1 1 1</td></rdl>	Result Ur	nits: mg/L <u>Reported Detection Limits</u> 1 1 1 1
ANALYSIS: TCLP: Date Analyzed: Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5. Selenium (Reg Limit)	3/5/98 5.0) 100.0) 1 = 1.0) 1 = 5.0) 0) 1 = 1.0)	 Date Ext/Dig/Prep:	3/3/98 Analytical Re <rdl <rdl="" <rdl<="" td=""><td>Result Ur</td><td>nits: mg/L <u>Reported Detection Limits</u> 1 1 1 1 1</td></rdl>	Result Ur	nits: mg/L <u>Reported Detection Limits</u> 1 1 1 1 1
Date Analyzed: Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5. Selenium (Reg Limit Silver (Reg Limit = 5.)	3/5/98 2 5.0) 100.0) 100.0) 2 = 1.0) 3 = 1.0) 5.0)		3/3/98 Analytical Revenue RDL RDL RDL RDL RDL RDL RDL RDL	Result Ut <u>sults</u>	nits: mg/L <u>Reported Detection Limits</u> 1 1 1 1 1 1
ANALYSIS: TCLP Date Analyzed: Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5. Selenium (Reg Limit Silver (Reg Limit = 5.)	3/5/98 2 5.0) 100.0) 100.0) 2 = 1.0) 3 = 1.0) 3 = 1.0) 3 = 1.0) 3 = 1.0		3/3/98 Analytical Revenue RDL RDL RDL RDL RDL RDL RDL RDL	Result Ut <u>sults</u>	nits: mg/L Reported Detection Limits 1 1 1 1 1 1 1 1 Ref: 3550A/8015
ANALYSIS: TCLP: Date Analyzed: Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5. Selenium (Reg Limit Silver (Reg Limit = 5.) ANALYSIS: X DR Date Analyzed:	3/5/98 2 5.0) 100.0) 100.0) 2 = 1.0) 3 = 1.0) 5.0)	ogates (Soil)	3/3/98 Analytical Reverse Analytical Reverse Analytical Reverse Analytical Reverse Analytical Reverse Analytical Reverse Analytical Reports Analytical Reverse Analy	Result Un sults Method Result U	nits: mg/L Reported Detection Limits 1 1 1 1 1 1 1 1 Ref: 3550A/8015
ANALYSIS: TCLP Date Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5. Selenium (Reg Limit Silver (Reg Limit = 5. ANALYSIS: X DR Date Analyzed: Analyte Name	3/5/98 2 5.0) 100.0) 100.0) 2 = 1.0) 3 = 1.0) 3 = 1.0) 3 = 1.0) 3 = 1.0	ogates (Soil)	3/3/98 Analytical Revenue RDL RDL RDL RDL RDL RDL RDL RDL	Result Un sults Method Result U	nits: mg/L Reported Detection Limits 1 1 1 1 1 1 1 Ref: 3550A/8015 Jnits: %
ANALYSIS: TCLP: Date Analyzed: Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5. Selenium (Reg Limit Silver (Reg Limit = 5.) ANALYSIS: X DR Date Analyzed:	3/5/98 2 5.0) 100.0) 100.0) 2 = 1.0) 3 = 1.0) 3 = 1.0) 3 = 1.0) 3 = 1.0	ogates (Soil)	3/3/98 Analytical Revenue RDL RDL RDL RDL RDL RDL RDL RDL	Result Ur sults Method Result U	Reported Detection Limits 1 1 1 1 1 1 1 Ref: 3550A/8015 Juits: % Reported Detection Limit
ANALYSIS: TCLP Date Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5. Selenium (Reg Limit Silver (Reg Limit = 5. ANALYSIS: X DR Date Analyte Name o-Terphenyl	Metals 3/5/98 5.0) 100.0) t = 1.0) ti = 5.0) 0) t = 1.0) 5.0) 60 QC Surr 3/5/98	ogates (Soil) Date Ext/Dig/Prep Surrogates (Soils)	3/3/98 Analytical Reverse Analy	Result Unsults Method Result Unsults Method	Reported Detection Limits 1 1 1 1 1 1 1 1 Ref: 3550A/8015 Inits: % Reported Detection Limit 0
ANALYSIS: TCLP Date Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5. Selenium (Reg Limit Silver (Reg Limit = 5. ANALYSIS: X DR Date Analyzed: Analyte Name	Metals 3/5/98 5.0) 100.0) t = 1.0) ti = 5.0) 0) t = 1.0) 5.0) 60 QC Surr 3/5/98	ogates (Soil) Date Ext/Dig/Prep	3/3/98 Analytical Reverse Analy	Result Unsults Method Result Unsults Method Result	Reported Detection Limits 1 1 1 1 1 1 1 Ref: 3550A/8015 Juits: % Reported Detection Limit 0 Ref: 3550A/8270B Units: %
ANALYSIS: TCLP Date Analyte Name Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5. Selenium (Reg Limit Silver (Reg Limit = 5. ANALYSIS: X DR Date Analyte Name o-Terphenyl	Metals 3/5/98 5.0) 100.0) 1 = 1.0) 1 = 5.0) 0) 1 = 1.0) 5.0) O QC Surr 3/5/98	ogates (Soil) Date Ext/Dig/Prep Surrogates (Soils)	3/3/98 Analytical Reverse Analy	Result Unsults Method Result Unsults Method Result	Reported Detection Limits 1 1 1 1 1 1 1 1 Ref: 3550A/8015 Inits: % Reported Detection Limit 0

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Nitrobenzene-d5		. 49 91	0 0
p-Terphenyl-d14		<i>)</i> 1	
ANALYSIS: X Pest/PCB QC	Surrogates (Soils)	М	lethod Ref: 3550A/8081/2
Date Analyzed: 3/7/98	Date Ext/Dig/Prep:	3/4/98 Re	esult Units: %
Analyte Name		Analytical Results	Reported Detection Limits
Decachlorobiphenyl Tetrachloro-m-xylene		86 90	0 0
ANALYSIS: X VOC QC Su	rrogates (Soils)	M	Iethod Ref; 8260A
Date Analyzed: 3/4/98	Date Ext/Dig/Prep:	3/4/98 R	esult Units: %
Analyte Name		Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	•	89	0
4-Bromofluorobenzene		119	0
Toluene-d8		110	0

Accura Analytical Laboratory, Inc.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38248

Accura Project #: 15785

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/12/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EB-I5-X

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene Ethyl benzene <RDL <RDL 5 5

Toluene **Xylenes**

<RDL <RDL 5 5

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

<RDL

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

Date Ext/Dig/Prep: 3/2/98

3/4/98

Result Units:

mg/Kg

Reported Detection Limits Analyte Name Analytical Results <RDL 5 Arsenic 5 Barium 6.8 Cadmium 0.9 0.5 <RDL 5 Chromium Lead 13 5 5 <RDL Selenium 5 Silver <RDL

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 21 of 44

Client Sample ID: EB-I5-X

AALSample ID #: AB38248 Accura Project #: 15785

Method Ref: 3550A/8270B

Date Ext/Dig/Prep: 3/4/98 3/6/98

ug/Kg Result Units:

Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/4/98	Result Offics. ug/126
Date / mary 24 s.s.			Analytical Results	Reported Detection Limits
Analyte Name			<u> </u>	330
1-Methylnaphthalene			<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene			<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene			<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
Acenaphthylene			<rdl< td=""><td>330</td></rdl<>	330
Anthracene			<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene			<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene			<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthen	e		<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	; 		<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranther	E		<rdl< td=""><td>330</td></rdl<>	330
Chrysene	ene		<rdl< td=""><td>330 330</td></rdl<>	330 330
Dibenzo(a,h)anthrac Fluoranthene	OHO		<rdl< td=""><td>330</td></rdl<>	330
Fluorantiene			<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)py	ene		<rdl< td=""><td>330</td></rdl<>	330
Naphthalene			<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
Phenanthrene			<rdl< td=""><td>330</td></rdl<>	330
Pyrene			\DL	
•				Method Ref: 3550A/8082
AND MOTO, DCR	le.			Michiga Ker. 22201 222

ANALYSIS: PCB's

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units: ug/Kg

Date Analyzed:	311170	Butte ==== 0 1		•
			Analytical Results	Reported Detection Limits
Analyte Name				20
			<rdl< td=""><td></td></rdl<>	
PCB-1016			<rdl< td=""><td>40</td></rdl<>	40
PCB-1221			<rdl< td=""><td>40</td></rdl<>	40
PCB-1232			<rdl< td=""><td>20</td></rdl<>	20
PCB-1242			<rdl< td=""><td>20</td></rdl<>	20
PCB-1248			<rdl< td=""><td>20</td></rdl<>	20
PCB-1254			<rdl< td=""><td>20</td></rdl<>	20
PCB-1260				
			•	

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

ug/Kg Result Units:

delta-BHC				nit Pg 22 of 44
beta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
beta-BHC			<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	•		<rdl< td=""><td>2</td></rdl<>	2
Aldrin			<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT			<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE			<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDD			<rdl< td=""><td>2</td></rdl<>	2
 -			<rdl< td=""><td>2</td></rdl<>	2
Analyte Name			Analytical Results	Reported Detection Limits
Date Analyzed:	3/7/98	Date Extribigation.		Timbe

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Client Sample ID: EB-I5-X

AALSample ID #: AB38248 Accura Project #: 15785

				0
Dieldrin			<rdl< td=""><td>2 2</td></rdl<>	2 2
Dielarin Endosulfan sulfate			<rdl< td=""><td>2</td></rdl<>	2
Endrin			<rdl< td=""><td>2</td></rdl<>	2
endrin Endrin aldehyde			<rdl< td=""><td>2</td></rdl<>	2
gamma-BHC			<rdl< td=""><td>2</td></rdl<>	2
gamma-BTC Heptachlor			<rdl< td=""><td>2</td></rdl<>	2
Heptachior epoxide			<rdl< td=""><td>10</td></rdl<>	10
Methoxychlor			<rdl< td=""><td>20</td></rdl<>	20
Vietiloxycinor Fotal Chlordane (Tecl	nnical)		<rdl< td=""><td>20</td></rdl<>	20
Foxaphene	ŕ		<rdl< td=""><td></td></rdl<>	
ANALYSIS: TCLP	Extraction P	rocedure		Method Ref: 1311
	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:
Date Analyzed:	312190	Ditto Bitto a g	Analytical Result	s <u>Reported Detection Limits</u>
Analyte Name			NA	0
TCLP Extraction			<u> </u>	
ANALYSIS: TCLP	Mercury			Method Ref: 7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units: mg/L ts Reported Detection Limits
Analyte Name			Analytical Resul	ts Reported Detection Limits 0.1
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>011</td></rdl<>	011
ANALYSIS: TCL	P Metals			Method Ref: 3010A/6010B
		Date Ext/Dig/Prep:	3/3/98	Result Units: mg/L
Date Analyzed:	3/5/98	Date Examilation.	Analytical Resu	lts Reported Detection Limits
Analyte Name				1
Arsenic (Reg Limit	= 5.0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit	= 100.0)		<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Lin	nit = 1.0		<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Li	mit = 5.0		<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit =	5.0)		<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Lim	nit = 1.0		<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit =	= 5.0)		<rdl< td=""><td>•</td></rdl<>	•
ANALYSIS: X D		ngates (Soil)		Method Ref: 3550A/8015
ANALYSIS: X D Date Analyzed:	3/5/98	Date Ext/Dig/Prep	o: 3/3/98	Result Units: %
	2,2.7		Analytical Res	Reported Detection Limit
Analyte Name			75	0
o-Terphenyl				Method Ref: 3550A/8270B
ANALYSIS: X)		Surrogates (Soils)	 ep: 3/4/98	Result Units: %
Date Analyzed:	3/6/98	Date Ext/Dig/Pre	Analytical Re	LD testion Limit
Analyte Name			Anaryticar Re	0
2-Fluorobiphenyl				
ACCURA ANALYT	ICAL LABORAT	TORY, INC. <f< td=""><td>RDL = Less than Repor</td><td>ited Detection Limit ID #: AB38248 Accura Project #: 15785</td></f<>	RDL = Less than Repor	ited Detection Limit ID #: AB38248 Accura Project #: 15785
	DD 16 3/		AALSample	ID#: ABS0240 Accuration

Client Sample ID: EB-15-X

AALSample ID #: AB38248 Accura Project #: 15785

Nitrobenzene-d5 p-Terphenyl-d14		60 87	0 0
ANALYSIS: X Pest/PCB QC Su Date Analyzed: 3/7/98 Analyte Name Decachlorobiphenyl	urrogates (Soils) Date Ext/Dig/Prep:	3/4/98 Analytical Resu 93 89	Method Ref: 3550A/8081/2 Result Units: % Its Reported Detection Limits 0 0
Tetrachloro-m-xylene ANALYSIS: X VOC QC Surro Date Analyzed: 3/4/98 Analyte Name 1,2-Dichloroethane-d4 4-Bromofluorobenzene Toluene-d8	ogates (Soils) Date Ext/Dig/Prep:		Method Ref: 8260A Result Units: % ults Reported Detection Limits 0 0 0

Accura Analytical Laboratory, Inc.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38249

Accura Project #: 15785

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98 Date Received: 2/27/98

Client Contact: T. SHEPPARD

Date Reported: 3/13/98

Client Project Number: DACA21-97-C-0042

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: WATER

Client Sample ID:

III-TB

Method Ref: 5030A/8260A ANALYSIS: VOC's

Date Ext/Dig/Prep: 3/3/98

Result Units: ug/L

Date Analyzed:	3/3/98	Date Ext/Dig/Prep:	3/3/96	
Date Allaryzeu.			Analytical Results	Reported Detection Limit
Analyte Name				5
1,1,1-Trichloroetha	ne.		<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachloro	ethane		<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachioro 1,1,2-Trichloroetha	ane.		<rdl< td=""><td>5</td></rdl<>	5
1,1,Z-1Ticiniorocure	3110		<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethane			<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethene 1,2-Dichlorobenze	ne .		<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichioropenze	9		<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloroethan	one.		<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloropropa	me.		<rdl< td=""><td>5</td></rdl<>	5
1,3-Dichlorobenze	one .		<rdl< td=""><td>50</td></rdl<>	50
1,4-Dichlorobenze	511C		<rdl< td=""><td>10</td></rdl<>	10
2-Butanone (ME)	stather		<rdl< td=""><td>50</td></rdl<>	50
2-Chloroethylviny	yr eulei		<rdl< td=""><td>50</td></rdl<>	50
2-Hexanone	(MIRK)		<rdl< td=""><td>50</td></rdl<>	50
4-Methyl-2-penta	none (with)		<rdl< td=""><td>5</td></rdl<>	5
Acetone			<rdl< td=""><td>5</td></rdl<>	5
Benzene			<rdl< td=""><td>5</td></rdl<>	5
Bromodichlorom	etnane		<rdl< td=""><td>5</td></rdl<>	5
Bromoform			<rdl< td=""><td>5</td></rdl<>	5
Bromomethane			<rdl< td=""><td>5</td></rdl<>	5
Carbon disulfide			<rdl< td=""><td>5</td></rdl<>	5
Carbon tetrachlo	ride		<rdl< td=""><td></td></rdl<>	
Chlorobenzene			<RDL	5 5
Chloroethane			<rdl< td=""><td>5</td></rdl<>	5
Chloroform			<rdl< td=""><td></td></rdl<>	
Chloromethane	_		<rdl< td=""><td>5</td></rdl<>	5
cis-1,2-Dichloro	ethene		<rdl< td=""><td>5</td></rdl<>	5
cis-1,3-Dichloro	propene		<rdl< td=""><td>5</td></rdl<>	5
Dibromochloro	methane		<rdl< td=""><td>5 5</td></rdl<>	5 5
Ethylbenzene			<rdl< td=""><td></td></rdl<>	
Methylene chlo	ride		<rdl< td=""><td>5</td></rdl<>	5
Styrene			<rdl< td=""><td>5</td></rdl<>	5
Tetrachloroethe	ene			Pg 25
			DDI _ Loca than Reported De	tection Limit

Toluene	<rdl< th=""><th>5</th></rdl<>	5
	<rdl< td=""><td>5</td></rdl<>	5
trans-1,2-Dichloroethene		5
trans-1,3-Dichloropropene	<rdl< td=""><td>5</td></rdl<>	5
Trichloroethene	<rdl< td=""><td>5</td></rdl<>	5
Trichlorofluoromethane	<rdl< td=""><td>5</td></rdl<>	5
Vinyl acetate	<rdl< td=""><td>100</td></rdl<>	100
Vinyl chloride	<rdl< td=""><td>2</td></rdl<>	2
Xylenes (Total)	<rdl< td=""><td>5</td></rdl<>	5

ANALYSIS:	X	VOC QC	Surrogates	(Waters))
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Method Ref: 8260A

Date Analyzed:

3/3/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

%

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	97	0
4-Bromofluorobenzene	98	0
Toluene-d8	99	0

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38250

Accura Project #: 15785

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/12/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EB-I6

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analytical Results Reported Detection Limits Analyte Name Benzene <RDL 2500 <RDL 2500 Ethyl benzene Toluene <RDL 2500

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

Xylenes

3/5/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

2500

Diesel Range Organics (DRO)

6,500

29,000

2000

ANALYSIS: Metals - Mercury - RCRA

Date Ext/Dig/Prep:

Method Ref: 7471A Result Units:

mg/Kg

Date Analyzed: Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units: mg/Kg

Reported Detection Limits Analytical Results Analyte Name Arsenic <RDL 5 5 Barium 11 0.5 Cadmium <RDL 5 <RDL Chromium 5 <RDL Lead <RDL 5 Selenium Silver <RDL 5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 27 of 44

Client Sample ID: EB-I6

AALSample ID #: AB38250 Accura Project #: 15785

Method Ref: 3550A/8270B

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	30,000	6500
2-Methylnaphthalene	39,000	6500
Acenaphthene	<rdl< td=""><td>1600</td></rdl<>	1600
Acenaphthylene	<rdl< td=""><td>1600</td></rdl<>	1600
Anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(a)anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(a)pyrene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(b)fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(g,h,i)perylene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(k)fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Chrysene	<rdl< td=""><td>1600</td></rdl<>	1600
Dibenzo(a,h)anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Fluorene	<rdl< td=""><td>1600</td></rdl<>	1600
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>1600</td></rdl<>	1600
Naphthalene	14,000	1600
Phenanthrene	<rdl< td=""><td>1600</td></rdl<>	1600
Pyrene	<rdl< td=""><td>1600</td></rdl<>	1600

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>80</td></rdl<>	80
PCB-1232	<rdl< td=""><td>80</td></rdl<>	80
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>4</td></rdl<>	4
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

< RDL = Less than Reported Detection Limit

Pg 28 of 44

Dieldrin Endosulfan sulfate Endrin			<rdl <rdl <rdl< th=""><th>2 2 2</th></rdl<></rdl </rdl 	2 2 2
	Endrin aldehyde		<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
gamma-BHC Heptachlor			<rdl <rdl< td=""><td>2 2</td></rdl<></rdl 	2 2
Heptachlor epoxide			<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
Methoxychlor			<rdl< td=""><td>10</td></rdl<>	10
Total Chlordane (Te	chnical)		<rdl< td=""><td>20</td></rdl<>	20
Toxaphene	,		<rdl< td=""><td>20</td></rdl<>	20
ANALYSIS: TCLI	Extraction	Procedure	Meth	od Ref: 1311
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98 Resu	lt Units:
Analyte Name			Analytical Results	Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLI	Mercury		Meth	od Ref: 7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98 Resu	lt Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLF	Metals		Meth	od Ref: 3010A/6010B
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/3/98 · Resul	lt Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Arsenic (Reg Limit =	= 5.0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit =	-		<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Limi			<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Lin			<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5	.0)		<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Limi	•		<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit = :	5.0)		<rdl< td=""><td>1</td></rdl<>	1
ANALYSIS: X DR	O QC Surro	gates (Soil)	Meth	od Ref: 3550A/8015
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/3/98 Resul	lt Units: %
Analyte Name			Analytical Results	Reported Detection Limits
o-Terphenyl			See narrative	0
ANALYSIS: X PA	H/BN QC Su	rrogates (Soils)	Meth	od Ref: 3550A/8270B
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/4/98 Resul	t Units: %
Analyte Name			Analytical Results	Reported Detection Limits
2-Fluorobiphenyl			74	0
ACCURA ANALYTICA	L LABORATOR	Y, INC. <rdl< td=""><td>= Less than Reported Detection</td><td>n Limit Pg 29 of 44</td></rdl<>	= Less than Reported Detection	n Limit Pg 29 of 44

Client Sample ID: EB-I6 AALSample ID#: AB38250 Accura Project#: 15785

Nitrobenzene-d5	124	0
p-Terphenyl-d14	106	0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)	Method Ref: 3550A/8081/2
--	--------------------------

Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/4/98	Result Units:	%

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	77	0
Tetrachloro-m-xylene	72	0

ANALYSIS: X VOC QC Surrogates (Soils)	Method Ref: 8260A
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Date Analyzed:	3/4/98	Date Ext/Dig/Prep:	3/4/98	Result Units:	%
----------------	--------	--------------------	--------	---------------	---

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	88	0
4-Bromofluorobenzene	117	0
Toluene-d8	110	0

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<RDL = Less than Reported Detection Limit

Pg 30 of 44

Client Sample ID: EB-I6 AALSample ID #: AB38250 Accura Project #: 15785

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38251

Accura Project #: 15785

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/12/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EB-I7

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name

Analytical Results <RDL

Reported Detection Limits 2500

Benzene Ethyl benzene Toluene

13,000 <RDL

2500 2500

Xylenes

34,000

2500

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

2,200

100

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

Reported Detection Limits

mg/Kg

Analyte Name

Mercury

Silver

<RDL

Analytical Results

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name Arsenic Barium

Analytical Results

<RDL 8.1

<RDL

Reported Detection Limits

5 5

Cadmium Chromium Lead <RDL Selenium

<RDL <RDL

<RDL

0.5 5 5

5

5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 31 of 44

Client Sample ID: EB-I7

AALSample ID#: AB38251 Accura Project#: 15785

Method Ref: 3550A/8270B

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	11,000	1600
2-Methylnaphthalene	15,000	1600
Acenaphthene	<rdl< td=""><td>1600</td></rdl<>	1600
Acenaphthylene	<rdl< td=""><td>1600</td></rdl<>	1600
Anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(a)anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(a)pyrene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(b)fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(g,h,i)perylene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(k)fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Chrysene	<rdl< td=""><td>1600</td></rdl<>	1600
Dibenzo(a,h)anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Fluorene	<rdl< td=""><td>1600</td></rdl<>	1600
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>1600</td></rdl<>	1600
Naphthalene	10,000	1600
Phenanthrene	<rdl< td=""><td>1600</td></rdl<>	1600
Pyrene	<rdl< td=""><td>1600</td></rdl<>	1600

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 32 of 44

Client Sample ID: EB-I7

AALSample ID#: AB38251 Accura Project#: 15785

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Tec	chnical)		<rdl <rdl="" <rdl<="" th=""><th></th><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>		2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLP	Extraction F	rocedure		Method Ref;	1311
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:	
Analyte Name			Analytical Resu	<u>lts</u> <u>Re</u>	ported Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLP	Maroury			Method Ref:	7470 A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:	mg/L
Analyte Name		0 1	Analytical Resu		ported Detection Limits
	- 0.2)		<pre><rdl< pre=""></rdl<></pre>	113 100	0.1
Mercury (Reg Limit	- 0.2)		\KDL		0.1
ANALYSIS: TCLP	Metals			Method Ref:	3010A/6010B
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/3/98	Result Units:	mg/L
Analyte Name			Analytical Resu	lts <u>Re</u>	ported Detection Limits
Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5. Selenium (Reg Limit Silver (Reg Limit = 5.	100.0) t = 1.0) it = 5.0) 0) = 1.0)		<rdl <rdl="" <rdl<="" td=""><td></td><td>1 1 1 1 1 1</td></rdl>		1 1 1 1 1 1
ANALYSIS: X DR	O QC Surrog	ates (Soil)		Method Ref:	3550A/8015
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/3/98	Result Units:	%
Analyte Name			Analytical Resu	l <u>ts</u> <u>Re</u> j	ported Detection Limits
o-Terphenyl			See narrati	ve	0
ANALYSIS: X PA		-			3550A/8270B
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/4/98	Result Units:	%
Analyte Name			Analytical Resul	ts Rej	ported Detection Limits
2-Fluorobiphenyl			88		0
ACCURA ANALYTICAL	LADODATODS	/ INC /PDI	- Less than Deported	Dataction Limit	Po 33 of 44

Client Sample ID: EB-I7 AALSample ID #: AB38251 Accura Project #: 15785

<RDL = Less than Reported Detection Limit

Pg 33 of 44

ACCURA ANALYTICAL LABORATORY, INC.

Nitrobenzene-d5	99	0
p-Terphenyl-d14	114	0

ANALYSIS: X Pest/PCB QC Surrogates (Soils) Method Ref: 35	3550A/8081/2
---	--------------

Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/4/08	Result Units:	0/
Date Analyzed:	3///98	Date EXI/Dig/Pren:	3/4/98	Kesuu Unus:	√n

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	73	0
Tetrachloro-m-xylene	62	0

ANALYSIS: X VOC QC Surrogates (Soils)				Method Ref: 8260A
Date Analyzed:	3/4/98	Date Ext/Dig/Prep:	3/4/98	Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	89	0
4-Bromofluorobenzene	110	0
Toluene-d8	103	0

Accura Analytical Laboratory, Inc.

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38252

Accura Project #: 15785

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/12/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

EB-I8

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Analyte Name

Analytical Results <RDL

Reported Detection Limits 2500

Benzene Ethyl benzene Toluene

5,100 <RDL

2500 2500

Xylenes

<RDL

2500

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

840

100

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep:

Result Units:

mg/Kg

mg/Kg

3/2/98

Analyte Name

Analytical Results

Arsenic

<RDL

Reported Detection Limits 5

Barium Cadmium Chromium

9.4 <RDL

0.5 5

5

Selenium Silver

Lead

<RDL <RDL <RDL

<RDL

5 5 5

Method Ref: 3550A/8270B

Date Analyzed:

3/5/98

Date Ext/Dig/Prep: 3/4/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	5,200	1600
2-Methylnaphthalene	7,200	1600
Acenaphthene	<rdl< td=""><td>1600</td></rdl<>	1600
Acenaphthylene	<rdl< td=""><td>1600</td></rdl<>	1600
Anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(a)anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(a)pyrene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(b)fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(g,h,i)perylene	<rdl< td=""><td>1600</td></rdl<>	1600
Benzo(k)fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Chrysene	<rdl< td=""><td>1600</td></rdl<>	1600
Dibenzo(a,h)anthracene	<rdl< td=""><td>1600</td></rdl<>	1600
Fluoranthene	<rdl< td=""><td>1600</td></rdl<>	1600
Fluorene	<rdl< td=""><td>1600</td></rdl<>	1600
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>1600</td></rdl<>	1600
Naphthalene	4,400	1600
Phenanthrene	<rdl< td=""><td>1600</td></rdl<>	1600
Pyrene	<rdl< td=""><td>1600</td></rdl<>	1600

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl,< td=""><td>2</td></rdl,<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 36 of 44

				ţ
Dieldrin			<rdl< td=""><td>2</td></rdl<>	2
Endosulfan sulfate			<rdl< td=""><td>2</td></rdl<>	2
Endrin			<rdl< td=""><td>2</td></rdl<>	2
Endrin aldehyde			<rdl< td=""><td>2</td></rdl<>	2
gamma-BHC			<rdl< td=""><td>2</td></rdl<>	2
Heptachlor			<rdl< td=""><td>2</td></rdl<>	2
Heptachlor epoxide			<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor			<rdl< td=""><td>10</td></rdl<>	10
Total Chlordane (Te	chnical)		<rdl< td=""><td>20</td></rdl<>	20
Toxaphene			<rdl< td=""><td>20</td></rdl<>	20
ANALYSIS: TCLP Extraction Procedure		Method Ref: 1311		
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:
Analyte Name			Analytical Resu	lts Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLI	Mercury			Method Ref: 7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Resu	<u>Reported Detection Limits</u>
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLE	Metals			Method Ref: 3010A/6010B
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/3/98	Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic (Reg Limit = 5.0)	<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit = 100.0)	<rdl< td=""><td>ĵ</td></rdl<>	ĵ
Cadmium (Reg Limit = 1.0)	<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Limit = 5.0)	<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5.0)	<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Limit = 1.0)	<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit = 5.0)	<rdl< td=""><td>1</td></rdl<>	1

ANALYSIS: X D	Method Ref: 3550A/8015					
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/3/98	Result Units: %		

Analytical Results Reported Detection Limits Analyte Name

0 See narrative o-Terphenyl

Method Ref: 3550A/8270B ANALYSIS: X PAH/BN QC Surrogates (Soils)

Date Ext/Dig/Prep: 3/4/98 3/5/98 Result Units: Date Analyzed:

Analytical Results Reported Detection Limits Analyte Name 97 0 2-Fluorobiphenyl

<RDL = Less than Reported Detection Limit Pg 37 of 44 ACCURA ANALYTICAL LABORATORY, INC.

AALSample ID #: AB38252 Accura Project #: 15785 Client Sample ID: EB-I8

Nitrobenzene-d5	91	0
p-Terphenyl-d14	114	0

ANALYSIS:	X	Pest/PCB (OC Surrog	gates	(Soils)	

Method Ref: 3550A/8081/2

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

%

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	94	0
Tetrachloro-m-xylene	76	0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

s: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	87	0
4-Bromofluorobenzene	111	0
Toluene-d8	108	0

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38253

Accura Project #: 15785

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/12/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: SOIL

Client Sample ID:

METHOD BLANK

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/3/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene Ethyl benzene <RDL <RDL 5 5

Toluene

<RDL

5

Xylenes

<RDL

5

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

<RDL

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/2/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/2/98

Result Units:

mg/Kg

Reported Detection Limits Analytical Results Analyte Name 5 <RDL Arsenic 5 <RDL Barium <RDL 0.5 Cadmium <RDL 5 Chromium 5 <RDL Lead <RDL 5 Selenium 5 <RDL Silver

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Client Sample ID: METHOD BLANK

AALSample ID#: AB38253 Accura Project#: 15785

Method Ref: 3550A/8270B

Date Analyzed:

3/4/98

Date Ext/Dig/Prep: 3/4/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/4/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/4/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 40 of 44

Client Sample ID: METHOD BLANK

AALSample ID #: AB38253 Accura Project #: 15785

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Tea	chnical)		<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLP	Extraction I	Procedure		Method Ref: 1311
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units:
Analyte Name			Analytical Result	Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLE	Mercury			Method Ref: 7470A
Date Analyzed:	3/2/98	Date Ext/Dig/Prep:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Result	Reported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLI	Metals			Method Ref: 3010A/6010B
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/3/98	Result Units: mg/L
Analyte Name	·		Analytical Result	Reported Detection Limits
Arsenic (Reg Limit = Barium (Reg Limit =			<rdl <rdl< td=""><td>1 1</td></rdl<></rdl 	1 1
Cadmium (Reg Lim	it = 1.0)		<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Lin			<rdl <rdl< td=""><td>1 1</td></rdl<></rdl 	1 1
Lead (Reg Limit = 5 Selenium (Reg Limi			<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit =			<rdl< td=""><td>1</td></rdl<>	1
ANALYSIS: X DI	RO OC Surro	ogates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/4/98	Date Ext/Dig/Prep:	3/3/98	Result Units: %
Analyte Name			Analytical Resul	Reported Detection Limits
o-Terphenyl			66	0
ANALYSIS: X PA	AH/BN OC S	urroga <u>tes (Soils)</u>		Method Ref: 3550A/8270B
Date Analyzed:	3/4/98	Date Ext/Dig/Prep:	3/4/98	Result Units: %
Analyte Name			Analytical Resul	Reported Detection Limits
2-Fluorobiphenyl			65	0
ACCURA ANALYTICA	AL LABORATO	RY, INC. <rdl< td=""><td>= Less than Reported</td><td>Detection Limit Pg 41 of 44</td></rdl<>	= Less than Reported	Detection Limit Pg 41 of 44

Client Sample ID: METHOD BLANK

AALSample ID#: AB38253 Accura Project#: 15785

Nitrobenzene-d5 p-Terphenyl-d14			50 92	0 0
ANALYSIS: X Pest Date Analyzed:	<u>/PCB QC Sur</u> 3/6/98	rrogates (Soils) Date Ext/Dig/Prep:	3/4/98	Method Ref: 3550A/8081/2 Result Units: %
Analyte Name			Analytical Resu	Its Reported Detection Limits
Decachlorobiphenyl Tetrachloro-m-xylene			98 82	0 0
ANALYSIS: X VOC	C QC Surroga	ates (Soils)		Method Ref: 8260A
Date Analyzed:	3/3/98	Date Ext/Dig/Prep:	3/3/98	Result Units: %
Analyte Name			Analytical Resul	Its Reported Detection Limits
1,2-Dichloroethane-d- 4-Bromofluorobenzen Toluene-d8			90 93 95	0 0 0

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FL Certification # E87429

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USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38254

Accura Project #: 15785

Client: Omega Env. Services - Tucker

Date Sampled: 2/26/98

Client Contact: T. SHEPPARD

Date Received: 2/27/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/13/98

Client Project Name:

HUNTER AAF FIRE TRAINING

Sample Matrix: WATER

Client Sample ID:

METHOD BLANK

ANALYSIS: VOC's

Method Ref: 5030A/8260A

Date Analyzed:

3/3/98

Date Ext/Dig/Prep: 3/3/98

Result Units: ug/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1,2-Trichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloropropane	<rdl< td=""><td>5</td></rdl<>	5
1,3-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
1,4-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
2-Butanone (MEK)	<rdl< td=""><td>50</td></rdl<>	50
2-Chloroethylvinyl ether	<rdl< td=""><td>10</td></rdl<>	10
2-Hexanone	<rdl< td=""><td>50</td></rdl<>	50
4-Methyl-2-pentanone (MIBK)	<rdl< td=""><td>50</td></rdl<>	50
Acetone	<rdl< td=""><td>50</td></rdl<>	50
Benzene	<rdl< td=""><td>5</td></rdl<>	5
Bromodichloromethane	<rdl< td=""><td>5</td></rdl<>	5
Bromoform	<rdl< td=""><td>5</td></rdl<>	5
Bromomethane	<rdl< td=""><td>5</td></rdl<>	5
Carbon disulfide	<rdl< td=""><td>5</td></rdl<>	5
Carbon tetrachloride	<rdl< td=""><td>5</td></rdl<>	5
Chlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
Chloroethane	<rdl< td=""><td>5</td></rdl<>	5
Chloroform	<rdl< td=""><td>5</td></rdl<>	5
Chloromethane	<rdl< td=""><td>5</td></rdl<>	5
cis-1,2-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
cis-1,3-Dichloropropene	<rdl< td=""><td>5</td></rdl<>	5
Dibromochloromethane	<rdl< td=""><td>5</td></rdl<>	5
Ethylbenzene	<rdl< td=""><td>5</td></rdl<>	5
Methylene chloride	<rdl< td=""><td>5</td></rdl<>	5
Styrene	<rdl< td=""><td>5</td></rdl<>	5
Tetrachloroethene	<rdl< td=""><td>5</td></rdl<>	5

Toluene	<rdl< td=""><td>5</td></rdl<>	5
trans-1,2-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
trans-1,3-Dichloropropene	<rdl< td=""><td>5</td></rdl<>	5
Trichloroethene	<rdl< td=""><td>5</td></rdl<>	5
Trichlorofluoromethane	<rdl< td=""><td>5</td></rdl<>	5
Vinyl acetate	<rdl< td=""><td>100</td></rdl<>	100
Vinyl chloride	<rdl< td=""><td>2</td></rdl<>	2
Xvlenes (Total)	<rdl< td=""><td>5</td></rdl<>	5

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 8260A

Date Analyzed:

3/3/98

Date Ext/Dig/Prep: 3/3/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	97	0
4-Bromofluorobenzene	101	0
Toluene-d8	104	0

Accura Analytical Laboratory, Inc.

Environmental Analytical Services

CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071 Fax # (770) 449-5477 Phone # (770) 449-8800

Accura Sample ID 38544 38515 38513 38506 38548 38574 38512 38511 38580 No. AB <u>5</u>88 (H) Special Requirements Or Remarks: AAL Lab Project# [58.24] Turnaround Time Requested: Remarks Intril emps For Laboratory Use Only 3/4/98 10:00 Date / Time Date / Time Sample Condition: And the Miscellaneous) (M = Ann AV = Notes) (I = Timed) (M = Carteridos) (A = Air Samule) (H = Foods) (M = Miscellaneous) QC Level: N Billing address: Custody Seal: Client P.O.# 7 Total Containers Received By: Received By: No. of Tutor 64 20084 3 3 W Samplers: (printed) Sample Location: Fax # (912) (RUDING 1-000 3-3-98 Date / Time Date / Time CPESCIENCES LESGLAGG S 7 Matrix 2 2 S J 7 2 dere Company Name: (Ingaa Favitan Mersta duio Hammernyll K Contact Phone #(0/2) 757-1606 3/3/98 3/3/98 3/3/98 Date / Time 3/3/93 36/2/6 3/3/98 3/3/98 Report Sent to: (Client Contact): Sample 3/2/98 Relinguished By Samplers: (signatture) EW-18-2 FW-I4-a EW-18-6 EW-I4-P Project Number: Sample ID# EB-16 EW-L7 FB-18 ER-L7 Project Name: EW-HY Address:

700000

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071 Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

The Stanpte of Custody Seal: (printed) A wastr Sample Conditions Containers Sample Conditions Sample Conditions Sample Conditions Received By: A wastr Sampte) (F = Foods) (M = Miscellaneous	For Laboratory Use Only N Page J OF 2 3 4 Inturemp: \$\frac{\partial}{\partial}\$ \text{OP} \text{O} \	Accura Sample ID Remarks No. AB	3858			Date / Time Special Requirements Or Remarks:	Date / Time Turnaround Time Requested:
Fax # (M. M. M	ia i a sa la casa da sa casa da s		2 ///			3	By: Date /
Comp Grab Grab Grab Asteringee Comp Comp	37821	g /				Guin Received	Received (SL = Sludge) (A = Air Sample) (F
	Fax# Fax# Property Pr	Comp Grab Matrix Preserved				Date / Time	Date / Time (L = Liquid) (C = Cartridge)

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38571

Accura Project #: 15821

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/18/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EW-H4

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Analyte Name **Analytical Results** Reported Detection Limits Benzene <RDL 10 Ethyl benzene <RDL 10 Toluene <RDL 10 **Xylenes** <RDL 10

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

<RDL

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/6/98

Result Units: mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<rdl< td=""><td>5</td></rdl<>	5
Barium	7.8	5
Cadmium	<rdl< td=""><td>0.5</td></rdl<>	0.5
Chromium	<rdl< td=""><td>5</td></rdl<>	5
Lead	5.6	5
Selenium	<rdl< td=""><td>5</td></rdl<>	5
Silver	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 1 of 54

Client Sample ID: EW-H4

AALSample ID #: AB38571 Accura Project #: 15821

Method Ref: 3550A/8270B

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/9/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	7.6	2
4,4'-DDE	7.5	2
4,4'-DDT	<rdl< td=""><td>4</td></rdl<>	4
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

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<RDL = Less than Reported Detection Limit

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o-Terphenyl			87	0
Analyte Name			Analytical Resu	Reported Detection Limits
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98	Result Units: %
ANALYSIS: X DI	RO QC Surro	gates (Soil)		Method Ref: 3550A/8015
Silver (Reg Limit =	5.0)		<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Lim	•		<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5	5.0)		<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Lir	nit = 5.0)		<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Lim	•		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit	•	•	<rdl< td=""><td>1</td></rdl<>	1
Arsenic (Reg Limit	= 5 (0)		<rdl< td=""><td>1</td></rdl<>	1
Analyte Name			Analytical Resu	Its Reported Detection Limits
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/9/98	Result Units: mg/L
ANALYSIS: TCL	P Metals			Method Ref: 3010A/6010B
Mercury (Reg Limi	t = 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
Analyte Name			Analytical Resu	Its Reported Detection Limits
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/L
ANALYSIS: TCL	P Mercury			Method Ref: 7470A
TCLP Leachate Flu	id pH		5.0	. 0
Analyte Name			Analytical Resu	lts Reported Detection Limits
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: pH Units
ANALYSIS: TCLP Leachate Fluid pH		Method Ref: 1311		
TCLP Extraction			NA	0
Analyte Name			Analytical Resu	Reported Detection Limits
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:
ANALYSIS: TCL	P Extraction	Procedure		Method Ref: 1311
Toxaphene			<rdl< td=""><td>20</td></rdl<>	20
Total Chlordane (T	'echnical)		<rdl< td=""><td>20</td></rdl<>	20
Methoxychlor			<rdl< td=""><td>10</td></rdl<>	10
Heptachlor epoxide	9		<rdl< td=""><td>2</td></rdl<>	2
Heptachlor			<rdl< td=""><td>2</td></rdl<>	2
Endrin aldehyde gamma-BHC			<rdl <rdl< td=""><td>2 2</td></rdl<></rdl 	2 2
Endrin			<rdl< td=""><td>2</td></rdl<>	2
				4
Endosulfan sulfate			<rdl< td=""><td>2</td></rdl<>	2

Client Sample ID: EW-H4 AALSample ID #: AB38571 Accura Project #: 15821

Method Ref: 3550A/8270B

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/9/98

Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl	60	0
Nitrobenzene-d5	56	O
p-Terphenyl-d14	76	0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)

Method Ref; 3550A/8081/2

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

: %

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	89	0
Tetrachloro-m-xylene	46	0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	94	0
4-Bromofluorobenzene	115	0
Toluene-d8	112	0

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<RDL = Less than Reported Detection Limit

Pg 4 of 54

AALSample ID #: AB38571 Accura Project #: 15821

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38572

Accura Project #: 15821

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/18/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EW-I4-A

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Analyte Name **Analytical Results** Reported Detection Limits Benzene <RDL 1000 Ethyl benzene <RDL 1000

Toluene **Xylenes** <RDL <RDL 1000 1000

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

1,504

500

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

Silver

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/6/98

Result Units: mg/Kg

Analyte Name Analytical Results Reported Detection Limits Arsenic <RDL 5 Barium 7.1 5 Cadmium <RDL 0.5 Chromium <RDL 5 Lead 5 8.9 Selenium <RDL 5

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<RDL = Less than Reported Detection Limit

<RDL

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Client Sample ID: EW-I4-A

AALSample ID #: AB38572 Accura Project #: 15821

5

Method Ref: 3550A/8270B

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	7,700	3300
2-Methylnaphthalene	11,000	3300
Acenaphthene	<rdl< td=""><td>3300</td></rdl<>	3300
Acenaphthylene	<rdl< td=""><td>3300</td></rdl<>	3300
Anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(b)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(g,h,i)perylene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(k)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Chrysene	<rdl< td=""><td>3300</td></rdl<>	3300
Dibenzo(a,h)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluorene	<rdl< td=""><td>3300</td></rdl<>	3300
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Naphthalene	8,400	3300
Phenanthrene	<rdl< td=""><td>3300</td></rdl<>	3300
Pyrene	<rdl< td=""><td>3300</td></rdl<>	3300

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/12/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/12/98

Date Ext/Dig/Prep: 3/9/98

Result Units: ug/Kg

Analytical Results Reported Detection Limits Analyte Name 2 4.4'-DDD 4.3 4,4'-DDE 2 3.2 4,4'-DDT <RDL 2 2 Aldrin <RDL 2 alpha-BHC <RDL 2 alpha-Endosulfan <RDL 2 beta-BHC <RDL 2 beta-Endosulfan <RDL delta-BHC <RDL 2

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<RDL = Less than Reported Detection Limit

Pg 6 of 54

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Toxaphene			<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCL	P Extraction	Procedure		Method Ref: 1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:
Analyte Name			Analytical Result	<u>Reported Detection Limits</u>
TCLP Extraction			NA	0
ANALYSIS: TCL	P Leachate Fl	uid pH		Method Ref: 1311
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: pH Units
Analyte Name			Analytical Result	<u>Reported Detection Limits</u>
TCLP Leachate Flu	id pH		5.0	0
ANALYSIS: TCL	P Mercury			Method Ref: 7470A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/L
Analyte Name			Analytical Result	Reported Detection Limits
Mercury (Reg Limi	t = 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCL	P Metals	v	Method Ref: 3010A/6010B	
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/9/98	Result Units: mg/L
Analyte Name			Analytical Result	Reported Detection Limits
Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = Selenium (Reg Lim Silver (Reg Limit =	= 100.0) $nit = 1.0)$ $mit = 5.0)$ $5.0)$ $it = 1.0)$		<rdl <rdl="" <rdl<="" td=""><td>I 1 1 1 1 1</td></rdl>	I 1 1 1 1 1
ANALYSIS: X D	RO QC Surro	gates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98	Result Units: %
Analyte Name			Analytical Result	<u>Reported Detection Limits</u>
o-Terphenyl			See narrativ	e 0
ACCURA ANALYTICA	AL LABORATOF	cy, inc. <rdl< td=""><td>= Less than Reported D</td><td>Detection Limit Pg 7 of 54</td></rdl<>	= Less than Reported D	Detection Limit Pg 7 of 54

Client Sample ID: EW-I4-A

AALSample ID #: AB38572 Accura Project #: 15821

Method Ref: 3550A/8270B

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/9/98

Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl	65	0
Nitrobenzene-d5	119	0
p-Terphenyl-d14	70	0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)

Method Ref: 3550A/8081/2

Date Analyzed:

3/12/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

Analyte Name Analytical Results Reported Detection Limits Decachlorobiphenyl 103 0 Tetrachloro-m-xylene 76 0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

%

Analyte Name Analytical Results Reported Detection	on Limits
1,2-Dichloroethane-d4 83 0	
4-Bromofluorobenzene 126 0	
Toluene-d8 108 0	•

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38573

Accura Project #: 15821

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/18/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EW-I4-B

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene

<RDL <RDL 10 10

Ethyl benzene Toluene

<RDL

10 10

Xylenes

<RDL

Method Ref: 3550A/8015

Date Analyzed:

3/11/98

ANALYSIS: Diesel Range Organics (DRO)

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

<RDL

10

Reported Detection Limits

Reported Detection Limits

ANALYSIS: Metals - Mercury - RCRA

Date Ext/Dig/Prep: 3/6/98

Method Ref: 7471A

Analyte Name

Date Analyzed:

3/6/98

Result Units:

mg/Kg

Mercury

Analytical Results <RDL

Analytical Results

0.5

ANALYSIS: Metals - RCRA

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

Analyte Name

mg/Kg

Method Ref: 3050B/6010B

<RDL 5 Arsenic Barium 9.2 5 <RDL Cadmium 0.5 Chromium 9.4 5 Lead 5.1 5 <RDL Selenium 5 Silver <RDL 5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Client Sample ID: EW-I4-B

AALSample ID #: AB38573 Accura Project #: 15821

Method Ref: 3550A/8270B

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/9/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/13/98

Date Ext/Dig/Prep: 3/9/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/13/98

Date Ext/Dig/Prep: 3/9/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	8.5	2
4,4'-DDE	6.4	2
4,4'-DDT	<rdl< td=""><td>4</td></rdl<>	4
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

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<RDL = Less than Reported Detection Limit

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Client Sample ID: EW-I4-B

AALSample ID #: AB38573 Accura Project #: 15821

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Tea	chnical)		<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 20 20 20</th></rdl>	2 2 2 2 2 2 2 2 20 20 20
ANALYSIS: TCLP	Extraction F	Procedure		Method Ref: 1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:
Analyte Name			Analytical Resu	lts Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP	Leachate Flu	ıid pH		Method Ref: 1311
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: pH Units
Analyte Name			Analytical Resu	lts Reported Detection Limits
TCLP Leachate Fluid	l pH		5.0	0
ANIAT WOTE, THOSE IS	74. Farrance			Method Ref: 7470A
ANALYSIS: TCLP Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/L
·	310/96	Date Extra griep.		<u> </u>
Analyte Name			Analytical Resu	
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLP	Metals			Method Ref: 3010A/6010B
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/9/98	Result Units: mg/L
Analyte Name			Analytical Resu	Its Reported Detection Limits
Arsenic (Reg Limit =	5.0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit =			<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Limit	•		<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Lim	•		<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5.			<rdl< td=""><td>I t</td></rdl<>	I t
Selenium (Reg Limit Silver (Reg Limit = 5			<rdl <rdl< td=""><td>1 1</td></rdl<></rdl 	1 1
1371237020	0.000	4 (7 18		M. J. D. C. 2550 (2215)
ANALYSIS: X DR	-		0110100	Method Ref: 3550A/8015
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98	Result Units: %
Analyte Name			Analytical Resu	
o-Terphenyl			89	0

Client Sample ID: EW-I4-B AALSample ID #: AB38573 Accura Project #: 15821

<RDL = Less than Reported Detection Limit

Pg 11 of 54

ACCURA ANALYTICAL LABORATORY, INC.

Method Ref: 3550A/8270B

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl	52	0
Nitrobenzene-d5	50	0
p-Terphenyl-d14	64	0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)

Method Ref: 3550A/8081/2

Date Analyzed:

3/13/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	121	0
Tetrachloro-m-xylene	69	0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	92	0
4-Bromofluorobenzene	113	0
Toluene-d8	106	0

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 12 of 54

AALSample ID #: AB38573 Accura Project #: 15821

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38574

Accura Project #: 15821

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/19/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EB-L8

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene Ethyl benzene <RDL 11,000

2500 2500

2500

Toluene **Xylenes**

<RDL 51,000

2500

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/12/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

4,000

1000

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/6/98

Analyte Name Arsenic

Analytical Results

Result Units:

mg/Kg

<RDL 10

Reported Detection Limits

Barium Cadmium Chromium

5 5

Lead Selenium

Silver

<RDL <RDL <RDL

<RDL

<RDL

0.5 5 5

5

Pg 13 of 54

Method Ref: 3550A/8270B

Date Analyzed:

3/10/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	11,000	3300
2-Methylnaphthalene	16,000	3300
Acenaphthene	<rdl< td=""><td>3300</td></rdl<>	3300
Acenaphthylene	<rdl< td=""><td>3300</td></rdl<>	3300
Anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(b)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(g,h,i)perylene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(k)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Chrysene	<rdl< td=""><td>3300</td></rdl<>	3300
Dibenzo(a,h)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluorene	<rdl< td=""><td>3300</td></rdl<>	3300
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Naphthalene	9,500	3300
Phenanthrene	<rdl< td=""><td>3300</td></rdl<>	3300
Pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
ANAT VOIC. DODI.	Math	ad Dafe 2550 A / 2022

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>6</td></rdl<>	6
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 14 of 54

Client Sample ID: EB-L8

AALSample ID #: AB38574 Accura Project #: 15821

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Tec	hnical)		<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLP	Extraction P	rocedure		Method Ref: 1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:
			Analytical Resu	ts Reported Detection Limits
Analyte Name			NA	0
TCLP Extraction				
ANALYSIS: TCLP	Leachate Flu	uid pH		Method Ref: 1311
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: pH Units
·			Analytical Resu	lts Reported Detection Limits
Analyte Name			5.0	0
TCLP Leachate Fluid	1 рн		•••	
ANALYSIS: TCLP	Mercury	<u>, </u>		Method Ref: 7470A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/L
Analyte Name			Analytical Resu	<u>Reported Detection Limits</u>
 -	- 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
Mercury (Reg Limit	— U.Zj			
ANALYSIS: TCLI	Metals			Method Ref: 3010A/6010B
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/9/98	Result Units: mg/L
Analyte Name			Analytical Resi	Reported Detection Limits
,	- 5 (1)		<rdl< td=""><td>ī</td></rdl<>	ī
Arsenic (Reg Limit Barium (Reg Limit			<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Lim			<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Lin	nit = 5.0		<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5			<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Lim			<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit =			<rdl< td=""><td>1</td></rdl<>	1
	20.000	nactor (Coll)		Method Ref: 3550A/8015
ANALYSIS: X D		ogates (Soil) Date Ext/Dig/Prep:	3/10/98	Result Units: %
Date Analyzed:	3/12/98	Date Example 11eb.		
Analyte Name			Analytical Res	
o-Terphenyl			See narra	ative 0
				ad Detection Limit Pg 15 of 54

ACCURA ANALYTICAL LABORATORY, INC. <RDL = Less the Client Sample ID: EB-L8 AAL

<RDL = Less than Reported Detection Limit

Pg 15 of 54

AALSample ID#: AB38574 Accura Project#: 15821

Method Ref: 3550A/8270B

AIMALIDIO: 28 XXX				- 1. 77 %	07
Date Analyzed:	3/10/98	Date Ext/Dig/Prep:	3/9/98	Result Units:	%

Analyte Name	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl Nitrobenzene-d5 p-Terphenyl-d14	85 170 86	0 0 0

ANALYSIS:	X	Pest/PCB QC Surrogates (Soils)
ANALISIS	⋍	1 COUR OF Q

Method Ref: 3550A/8081/2

ANALYSIS: X Pes	st/PCB QC S	urrogates (Soils)	Memor ver	JJJ012000
Date Analyzed:	3/14/98	Date Ext/Dig/Prep:	Result Units:	%

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl Tetrachloro-m-xylene	74 94	0

AMAT VCTC	v	VOC QC Surrogates	(Soils)
ANALISIS	<u>^</u>	10000	

Method Ref: 8260A

ANALYSIS: A VOC	QC Burrow				
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units:	-%

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4 4-Bromofluorobenzene Toluene-d8	84 106 103	0 0 0

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38575

Accura Project #: 15821

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/19/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EW-L8-B

ANALYSIS: BTEX

Date Ext/Dig/Prep: 3/10/98

Analytical Results

Method Ref: 5030A/8260A

Result Units: ug/Kg

Analyte Name

Date Analyzed:

3/10/98

Reported Detection Limits

Benzene Ethyl benzene Toluene

Xylenes

2,900 23,000 <RDL

1300 1300 1300

100,000

1300

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/12/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

13,000

1000

ANALYSIS: Metals - Mercury - RCRA

mg/Kg

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

Method Ref: 7471A

Analyte Name

Reported Detection Limits

Mercury

<RDL

Analytical Results

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

Date Ext/Dig/Prep:

3/6/98

Result Units:

mg/Kg

Reported Detection Limits Analytical Results Analyte Name 5 <RDL Arsenic 5 12

Barium 0.5 <RDL Cadmium 5 <RDL Chromium 5 11 Lead 5 <RDL Selenium 5 <RDL Silver

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 17 of 54

Client Sample ID: EW-L8-B

AALSample ID#: AB38575 Accura Project#: 15821

Method Ref: 3550A/8270B

Date Analyzed:

3/13/98

Date Ext/Dig/Prep: 3/9/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Analyte Name 1-Methylnaphthalene 2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenzo(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-cd)pyrene Naphthalene Phenanthrene	Analytical Results 40,000 50,000 <rdl <rdl="" <rdl<="" td=""><td>16000 16000 16000 16000 16000 16000 16000 16000 16000 16000 16000 16000 16000 16000 16000 16000 16000 16000</td></rdl>	16000 16000 16000 16000 16000 16000 16000 16000 16000 16000 16000 16000 16000 16000 16000 16000 16000 16000
Pyrene		

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016 PCB-1221 PCB-1232 PCB-1242 PCB-1248 PCB-1254 PCB-1260	<rdl <rdl="" <rdl<="" td=""><td>20 40 40 20 20 20 20</td></rdl>	20 40 40 20 20 20 20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units: ug/Kg

Date Analyzed.		
Analyte Name	Analytical Results	Reported Detection Limits
	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>10</td></rdl<>	10
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan delta-BHC	<rdl< td=""><td>2</td></rdl<>	2
ucna-bito		

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Client Sample ID: EW-L8-B

AALSample ID#: AB38575 Accura Project#: 15821

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Te	echnical)		<rdl <rdl="" <rdl<="" th=""><th>2 2 4 2 2 4 2 10 40 40</th></rdl>	2 2 4 2 2 4 2 10 40 40
ANALYSIS: TCL	P Extraction	Procedure		Method Ref: 1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:
Analyte Name			Analytical Resul	ts Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLI	.			Method Ref: 1311
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: pH Units
Analyte Name			Analytical Resul	Reported Detection Limits
TCLP Leachate Flui	d pH		5.0	0
ANALYSIS: TCLI	P Mercury	<u>.</u>		Method Ref: 7470A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCL	P Metals			Method Ref: 3010A/6010B
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/9/98	Result Units: mg/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Arsenic (Reg Limit: Barium (Reg Limit: Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = 5 Selenium (Reg Limit = 5 Silver (Reg Limit = 6	= 100.0) it = 1.0) nit = 5.0) 5.0) it = 1.0)		<rdl <rdl="" <rdl<="" td=""><td>I 1 1 1 1 1</td></rdl>	I 1 1 1 1 1
ANALYSIS: X DI	RO QC Surro	gates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/12/98	Date Ext/Dig/Prep:	3/10/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
o-Terphenyl			See narrati	ve 0
ACCURA ANALYTICA	L LABORATOR	RY, INC. <rdl< td=""><td>= Less than Reported</td><td>Detection Limit Pg 19 of 54</td></rdl<>	= Less than Reported	Detection Limit Pg 19 of 54

Client Sample ID: EW-L8-B AALSample ID #: AB38575 Accura Project #: 15821

Method Ref: 3550A/8270B

Date Analyzed:

3/13/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl	See narrative	0
Nitrobenzene-d5	See narrative	0
p-Terphenyl-d14	See narrative	0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)

Method Ref: 3550A/8081/2

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	16	0
Tetrachloro-m-xylene	56	0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/10/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	106	0
4-Bromofluorobenzene	136	0 .
Toluene-d8	102	0

ACCURA ANALYTICAL LABORATORY, INC.

< RDL = Less than Reported Detection Limit

Pg 20 of 54

AALSample ID #: AB38575 Accura Project #: 15821

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NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38576

Accura Project #: 15821

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/19/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EW-L8-A

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene Ethyl benzene <RDL <RDL

5 5 5

Toluene **Xylenes** <RDL <RDL

5

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Method Ref: 7471A

Date Analyzed:

3/12/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

1,400

500

ANALYSIS: Metals - Mercury - RCRA

Date Ext/Dig/Prep: 3/6/98

Result Units:

mg/Kg

Analyte Name

Date Analyzed:

Analytical Results

Reported Detection Limits

Mercury

Barium

Lead

Silver

Cadmium

Chromium

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

3/6/98

Date Ext/Dig/Prep:

3/6/98

Analyte Name

Arsenic

Result Units:

mg/Kg

Analytical Results

Reported Detection Limits

<RDL 14

<RDL <RDL <RDL 0.5 5 5

5

5

5

5

<RDL Selenium <RDL

Pg 21 of 54

ACCURA ANALYTICAL LABORATORY, INC.

ANALYSIS: PAH's Method Ref: 3550A/8270B

Date Analyzed: 3/10/98 Date Ext/Dig/Prep: 3/9/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdł< td=""><td>330</td></rdł<>	330

ANALYSIS: PCB's Method Ref: 3550A/8082

Date Analyzed: 3/14/98 Date Ext/Dig/Prep: 3/9/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides Method Ref: 3550A/8081A

Date Analyzed: 3/14/98 Date Ext/Dig/Prep: 3/9/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>4</td></rdl<>	4
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 22 of 54

Dieldrin Endosulfan sulfate Endrin			<rdl <rdl <rdl< th=""><th>2 2 2</th></rdl<></rdl </rdl 	2 2 2
Endrin aldehyde			<rdl< td=""><td>2</td></rdl<>	2
gamma-BHC			<rdl< td=""><td>2</td></rdl<>	2
Heptachlor			<rdl <rdl< td=""><td>2 2</td></rdl<></rdl 	2 2
Heptachlor epoxide Methoxychlor			<rdl <rdl< td=""><td>10</td></rdl<></rdl 	10
Total Chlordane (Te	chnical)		<rdl< td=""><td>20</td></rdl<>	20
Toxaphene	ommoury		<rdl< td=""><td>20</td></rdl<>	20
z onnerone				
ANALYSIS: TCLF				Method Ref: 1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:
Analyte Name			Analytical Results	Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP	Leachate F	luid pH		Method Ref: 1311
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: pH Units
Analyte Name			Analytical Results	Reported Detection Limits
TCLP Leachate Fluid	d pH		5.0	0
ANALYSIS: TCLP	Mercury			Method Ref: 7470A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLP	Metals			Method Ref: 3010A/6010B
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/9/98	Result Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Arsenic (Reg Limit =	= 5.0)	-	<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit =	100.0)		<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Limi	t = 1.0)		<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Lim	it = 5.0)		<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5.			<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Limit			<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit = 5	5.0)		<rdl< td=""><td>1</td></rdl<>	1
ANALYSIS: X DR	O QC Surro	gates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/12/98	Date Ext/Dig/Prep;	3/10/98	Result Units: %
Analyte Name			Analytical Results	Reported Detection Limits
o-Terphenyl			See narrative	0
ACCURA ANALYTICAI	L LABORATOR	RY, INC. <rdl< td=""><td>= Less than Reported De</td><td>etection Limit Pg 23 of 54</td></rdl<>	= Less than Reported De	etection Limit Pg 23 of 54

Client Sample ID: EW-L8-A AALSample ID #: AB38576 Accura Project #: 15821

Method Ref: 3550A/8270B

_			
Date	Ana	lvzed	Ŀ

3/10/98

Date Ext/Dig/Prep: 3/9/98

Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl	60	0
Nitrobenzene-d5	53	0
p-Terphenyl-d14	60	0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)

Method Ref: 3550A/8081/2

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	70	0
Tetrachloro-m-xylene	86	0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	82	0
4-Bromofluorobenzene	153	0
Toluene-d8	108	0

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38577

Accura Project #: 15821

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/19/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EB-L7

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene Ethyl benzene

5,000 37,000 1300 1300

Toluene **Xylenes**

<RDL 29,000

1300 1300

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/12/98

Date Ext/Dig/Prep: 3/10/98

Result Units: mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

8,900

1000

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units: mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/6/98

Result Units: mg/Kg

Reported Detection Limits Analyte Name Analytical Results Arsenic <RDL 5 5 Barium 13 Cadmium <RDL 0.5 Chromium <RDL 5 5 Lead 16 Selenium <RDL 5 <RDL 5 Silver

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Client Sample ID: EB-L7

AALSample ID #: AB38577 Accura Project #: 15821

Method Ref: 3550A/8270B

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/9/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	15,000	3300
2-Methylnaphthalene	21,000	3300
Acenaphthene	<rdl< td=""><td>3300</td></rdl<>	3300
Acenaphthylene	<rdl< td=""><td>3300</td></rdl<>	3300
Anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(b)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(g,h,i)perylene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(k)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Chrysene	<rdl< td=""><td>3300</td></rdl<>	3300
Dibenzo(a,h)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluorene	<rdl< td=""><td>3300</td></rdl<>	3300
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Naphthalene	14,000	3300
Phenanthrene	<rdl< td=""><td>3300</td></rdl<>	3300
Pyrene	<rdl< td=""><td>3300</td></rdl<>	3300

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	26	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units: ug/Kg

Analytical Results	Reported Detection Limits
<rdl< td=""><td>2</td></rdl<>	2
<rdl< td=""><td>2</td></rdl<>	2
<rdl< td=""><td>8</td></rdl<>	8
<rdl< td=""><td>2</td></rdl<>	2
	<rdl <rdl="" <rdl<="" td=""></rdl>

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 26 of 54

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Total Chlordane) ANALYSIS: TCL	·	Procedure	<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 10 20 20</th><th></th></rdl>	2 2 2 2 2 2 2 10 20 20	
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	
Analyte Name			Analytical Resu	Reported Detection	ı Limits
TCLP Extraction			NA	0	
ANALYSIS; TCLI	P Leachate Fl	uid pH		Method Ref: 1311	
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: pH Units	
Analyte Name			Analytical Resu	Reported Detection	ı Limits
TCLP Leachate Flui	d pH		5.0	0	
ANALYSIS: TCLI	Mercury			Method Ref: 7470A	
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/L	
Analyte Name			Analytical Resul	Reported Detection	Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td><td></td></rdl<>	0.1	
ANALYSIS: TCLI	P Metals			Method Ref: 3010A/6010B	
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/9/98	Result Units: mg/L	
Analyte Name			Analytical Resul	s Reported Detection	<u>Limits</u>
Arsenic (Reg Limit : Barium (Reg Limit : Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = 5 Selenium (Reg Limit Silver (Reg Limit =	= 100.0) it = 1.0) nit = 5.0) .0) t = 1.0)		<rdl <rdl="" <rdl<="" td=""><td>1 1 1 1 1 1</td><td></td></rdl>	1 1 1 1 1 1	
ANALYSIS: X DE	O QC Surro	gates (Soil)		Method Ref: 3550A/8015	
Date Analyzed:	3/12/98	Date Ext/Dig/Prep:	3/10/98	Result Units: %	
Analyte Name			Analytical Resul	Reported Detection	Limits
o-Terphenyl			See narrati	e 0	
		T. D.GDDI		D. C	

Client Sample ID: EB-L7 AALSample ID#: AB38577 Accura Project #: 15821

<RDL = Less than Reported Detection Limit

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ACCURA ANALYTICAL LABORATORY, INC.

Method Ref: 3550A/8270B

Date Analyzed:	3/11/98	Date Ext/Dig/l

Date Ext/Dig/Prep: 3/9/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl	77	0
Nitrobenzene-d5	194	0
p-Terphenyl-d14	79	0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)

Method Ref: 3550A/8081/2

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

%

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	26	0
Tetrachloro-m-xylene	104	0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	89	0
4-Bromofluorobenzene	132	0
Toluene-d8	122	0

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38578

Accura Project #: 15821

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/18/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EW-L7

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/10/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

5

Benzene Ethyl benzene Toluene

5.9 <RDL <RDL 5 5 5

Xylenes

<RDL

Date Analyzed:

3/10/98

ANALYSIS: Diesel Range Organics (DRO)

Date Ext/Dig/Prep: 3/10/98

Result Units:

Method Ref: 3550A/8015

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

<RDL

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

mg/Kg

Analyte Name

Mercury

Analytical Results

<RDL

Analytical Results

0.5

Reported Detection Limits

Reported Detection Limits

5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Analyte Name

Silver

3/9/98

Date Ext/Dig/Prep: 3/6/98

mg/Kg

Date Analyzed:

Result Units:

<RDL Arsenic 5 Barium 9.4 5 Cadmium <RDL 0.5 Chromium <RDL 5 Lead <RDL 5 Selenium <RDL 5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

<RDL

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Client Sample ID: EW-L7

AALSample ID #: AB38578 Accura Project #: 15821

Method Ref: 3550A/8270B

Date Analyzed:

3/10/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

8 Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 30 of 54

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Te	echnical)		<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCL	P Extraction	Procedure		Method Ref: 1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:
Analyte Name			Analytical Resu	Its Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCL	P Leachate Fl			Method Ref: 1311
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: pH Units
Analyte Name			Analytical Resu	lts Reported Detection Limits
TCLP Leachate Flu	id pH		5.0	0
ANALVSIS: TCL	P Mercury			Method Ref: 7470A
ANALYSIS: TCLP Mercury Date Analyzed: 3/6/98 Date Ext/Dig/Prep:		3/6/98	Result Units: mg/L	
-	3/0/20	2		
Analyte Name			Analytical Resu	
Mercury (Reg Limit	t = 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCL	P Metals			Method Ref: 3010A/6010B
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/9/98	Result Units: mg/L
Analyte Name			Analytical Resu	Its Reported Detection Limits
Arsenic (Reg Limit	= 5.0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit			<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Lim			<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Lir			<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = :			<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Lim			<rdl< td=""><td>. 1</td></rdl<>	. 1
Silver (Reg Limit =			<rdl< td=""><td>1</td></rdl<>	1
ANALYSIS: X D	RO QC Surro	ogates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/10/98	Date Ext/Dig/Prep:	3/10/98	Result Units: %
Analyte Name			Analytical Resu	Reported Detection Limits
o-Terphenyl			79	0
ACCURA ANALYTICA	AL LABORATO	RY, INC. <rdl< td=""><td>= Less than Reported</td><td>Detection Limit Pg 31 of 54</td></rdl<>	= Less than Reported	Detection Limit Pg 31 of 54

Client Sample ID: EW-L7

AALSample ID #: AB38578 Accura Project #: 15821

Method Ref: 3550A/8270B

Date Analyzed:	3/10/98	Date Ext/Dig/Prep:	3/9/98	Result Units:	%

Analyte Name	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl	60	0
Nitrobenzene-d5	55	0
p-Terphenyl-d14	69	0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)

Method Ref: 3550A/8081/2

Date Analyz	red:	3/14/98	Date Ext/Dig/Prep:	3/9/98	Result Units:	%
Date Allarya	œu.	3/14/20	Date Exercise 10p.	317170	Rosuit Ollies.	70

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	78	0
Tetrachloro-m-xylene	71	O

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:	3/10/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	%

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	89	0
4-Bromofluorobenzene	117	0
Toluene-d8	100	O

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

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LABORATORY REPORT

Accura Sample ID #: AB38579 Accura Project #: 15821

Client: Omega Env. Services - Tucker

Client Contact: T. SHEPPARD Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042 Date Reported: 3/18/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Date Sampled: 3/3/98

Client Sample ID:

EB-L6

Method Ref: 5030A/8260A **ANALYSIS: BTEX**

Date Ext/Dig/Prep: 3/6/98 Date Analyzed: 3/6/98 Result Units: ug/Kg

Analyte Name **Analytical Results** Reported Detection Limits 2,500 1300 Benzene Ethyl benzene 23,000 1300 Toluene <RDL 1300 2,300 **Xylenes** 1300

ANALYSIS: Diesel Range Organics (DRO) Method Ref: 3550A/8015

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/10/98 Result Units: mg/Kg

Analytical Results Reported Detection Limits Analyte Name

500 Diesel Range Organics (DRO) 2,800

ANALYSIS: Metals - Mercury - RCRA Method Ref: 7471A

Date Ext/Dig/Prep: 3/6/98 Result Units: Date Analyzed: 3/6/98 mg/Kg

Analytical Results Reported Detection Limits Analyte Name

<RDL 0.5 Mercury

Method Ref: 3050B/6010B ANALYSIS: Metals - RCRA

Date Ext/Dig/Prep: 3/6/98 Date Analyzed: 3/9/98 Result Units: mg/Kg

Analyte Name Analytical Results Reported Detection Limits <RDL 5 Arsenic Barium 11 5 <RDL 0.5 Cadmium <RDL 5 Chromium <RDL 5 Lead 5 Selenium <RDL <RDL 5 Silver

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 33 of 54

Client Sample ID: EB-L6

AALSample ID #: AB38579 Accura Project #: 15821

Method Ref: 3550A/8270B

Date Analyzed:

3/10/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	7,200	1600
2-Methylnaphthalene	11,000	1600
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	7,300	1600
Phenanthrene	550	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>4</td></rdl<>	4
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 34 of 54

Dieldrin			<rdl< td=""><td></td><td>2</td></rdl<>		2
Endosulfan sulfate			<rdl< td=""><td></td><td>2</td></rdl<>		2
Endrin			<rdl< td=""><td></td><td>2</td></rdl<>		2
Endrin aldehyde			<rdl< td=""><td></td><td>2</td></rdl<>		2
gamma-BHC			<rdl< td=""><td></td><td>2</td></rdl<>		2
Heptachlor			<rdl< td=""><td></td><td>2</td></rdl<>		2
Heptachlor epoxide			<rdl< td=""><td></td><td>2</td></rdl<>		2
Methoxychlor	-to-deatV		<rdl <rdl< td=""><td></td><td>10 20</td></rdl<></rdl 		10 20
Total Chlordane (Ted	ennical)		<rdl <rdl< td=""><td></td><td>20</td></rdl<></rdl 		20
Toxaphene			\NJL		20
ANALYSIS: TCLP	Extraction 1	Procedure	,	Method Ref; 13	311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	
Analyte Name			Analytical Resul	ts <u>Repo</u>	rted Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLP	Leachate Fl	uid pH		Method Ref: 13	311
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units:	pH Units
Analyte Name			Analytical Resul	ts Repo	rted Detection Limits
TCLP Leachate Fluid	l nH		5.0		0
TCLF Leachate Fluid	ı pm		3.0		V
ANALYSIS: TCLP	Mercury			Method Ref: 74	470A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units:	mg/L
Analyte Name			Analytical Resul	ts Repo	rted Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
ANALYSIS: TCLP	Metals			Method Ref: 30	01 0A /6010B
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/9/98	Result Units:	mg/L
Analyte Name			Analytical Resul	ts <u>Repo</u>	rted Detection Limits
	- F (V)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Arsenic (Reg Limit =			<rdl <rdl< td=""><td></td><td>1</td></rdl<></rdl 		1
Barium (Reg Limit = Cadmium (Reg Limit			<rdl< td=""><td></td><td>, 1</td></rdl<>		, 1
Chromium (Reg Lim		·	<rdl< td=""><td></td><td>1</td></rdl<>		1
Lead (Reg Limit = 5.			<rdl< td=""><td></td><td>1</td></rdl<>		1
Selenium (Reg Limit			<rdl< td=""><td></td><td>1</td></rdl<>		1
Silver (Reg Limit = 5			<rdl< td=""><td></td><td>1</td></rdl<>		1
ANALYSIS: X DR	O QC Surro	gates (Soil)		Method Ref: 3:	550A/8015
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	ts Repo	rted Detection Limits
o-Terphenyl			See narrati	ve	0
ACCURA ANALYTICAL	LABORATOR	RY, INC. <rdl< td=""><td>= Less than Reported</td><td>Detection Limit</td><td>Pg 35 of 54</td></rdl<>	= Less than Reported	Detection Limit	Pg 35 of 54

Client Sample ID: EB-L6 AALSample ID #: AB38579 Accura Project #: 15821

Method Ref: 3550A/8270B

Date	Ana	lvzed:

3/10/98

Date Ext/Dig/Prep: 3/9/98

Res

sult Units:	%
-------------	---

Analyte Name	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl	66	0
Nitrobenzene-d5	100	0
p-Terphenyl-d14	75	0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)

Method Ref: 3550A/8081/2

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

Analyte Name

Decachlorobiphenyl Tetrachloro-m-xylene Analytical Results 56

96

Reported Detection Limits 0

0

Reported Detection Limits

0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

Analyte Name

1,2-Dichloroethane-d4 4-Bromofluorobenzene Toluene-d8

Analytical Results

81 117

112

0 0

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38580

Accura Project #: 15821

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/18/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EW-L6

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Analytical Results Reported Detection Limits Analyte Name Benzene <RDL 10 10

Ethyl benzene <RDL Toluene <RDL 10 **Xylenes** <RDL 10

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

Analyte Name

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

Reported Detection Limits

mg/Kg

Diesel Range Organics (DRO)

Analytical Results <RDL

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/6/98

Result Units: mg/Kg

Analytical Results Reported Detection Limits Analyte Name <RDL 5 Arsenic

10 5 Barium <RDL 0.5 Cadmium Chromium <RDL 5 5 Lead <RDL <RDL 5 Selenium

Silver

< RDL = Less than Reported Detection Limit

<RDL

Client Sample ID: EW-L6

ACCURA ANALYTICAL LABORATORY, INC.

AALSample ID #: AB38580 Accura Project #: 15821

Method Ref: 3550A/8270B

Date Analyzed:

3/10/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene		330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td></td></rdl<>	
Pyrene	<rdl< td=""><td>330</td></rdl<>	330
ANIAT VCIC. DCR's	Metho	od Ref: 3550A/8082

ANALYSIS: PCB's

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016 PCB-1221 PCB-1232 PCB-1242 PCB-1248	<rdl <rdl="" <rdl<="" td=""><td>20 40 40 20 20 20</td></rdl>	20 40 40 20 20 20
PCB-1254 PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Duto I many 5		
Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan delta-BHC	<rdl< td=""><td></td></rdl<>	
WIND 222		

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Te	chnical)		<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLF	• Extraction J	Procedure		Method Ref: 1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:
•				
Analyte Name		•	Analytical Resu	
TCLP Extraction			NA	0
ANALYSIS: TCLF	Leachate Fl	uid pH		Method Ref: 1311
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: pH Units
•	2, 2, 2			-
Analyte Name			Analytical Resu	lts Reported Detection Limits
TCLP Leachate Flui	d pH		5.0	0
ANALYSIS: TCLE	Mercury			Method Ref: 7470A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/L
Date Analyzeu.	3/0/90	Date Ext Dig riep.	3/0/76	Result Ollis. Ing.D
Analyte Name			Analytical Resu	Its Reported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLP				Method Ref: 3010A/6010B
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/9/98	Result Units: mg/L
Analyte Name			Analytical Resu	lts Reported Detection Limits
Arsenic (Reg Limit =	= 5.0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit =			<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Limi	t = 1.0)		<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Lim	it = 5.0)		<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5			<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Limit			<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit = :	5.0)		<rdl< td=""><td>1</td></rdl<>	1
ANALYSIS: X DR	O QC Surro	gates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98	Result Units: %
Analyte Name			Analytical Resu	lts Reported Detection Limits
o-Terphenyl			82	0
		W DVO	Landa B	D. 20 -0.54

Client Sample ID: EW-L6 AALSample ID #: AB38580 Accura Project #: 15821

<RDL = Less than Reported Detection Limit

ACCURA ANALYTICAL LABORATORY, INC.

Pg 39 of 54

ANALYSIS: X PAH/BN QC Surrogates (Soils)

Method Ref: 3550A/8270B

Date Analyzed:

3/10/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

%

Analyte Name	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl	65	0
Nitrobenzene-d5	63	0
p-Terphenyl-d14	73	0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)

Method Ref: 3550A/8081/2

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

%

Analyte Name

Decachlorobiphenyl Tetrachloro-m-xylene Analytical Results

Reported Detection Limits

74

64

0 0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep:

3/6/98

Result Units:

%

Analyte Name

1,2-Dichloroethane-d4 4-Bromofluorobenzene

Toluene-d8

Analytical Results

88

123 104 0

0 0

Reported Detection Limits

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38581

Accura Project #: 15821

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/18/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EW-L6-X

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits 10

Benzene Ethyl benzene

<RDL <RDL <RDL

10 10

Toluene **Xylenes**

<RDL

10

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

<RDL

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

mg/Kg

Date Analyzed: Analyte Name

3/6/98 Date Ext/Dig/Prep: 3/6/98 Result Units:

Reported Detection Limits

Mercury

Analytical Results <RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

Analyte Name Arsenic

mg/Kg

Barium

13 <RDL

Analytical Results

Cadmium

Silver

<RDL

Reported Detection Limits

5 5 0.5

Chromium Lead Selenium

<RDL <RDL

<RDL

<RDL

5 5 5

5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 41 of 54

Client Sample ID: EW-L6-X

AALSample ID #: AB38581 Accura Project #: 15821

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date Analyzed:

3/10/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Client Sample ID: EW-L6-X

AALSample ID #: AB38581 Accura Project #: 15821

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Te	echnical)		<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 2 10 20 20	
ANALYSIS: TCL	P Extraction	Procedure		Method Ref: 1311	
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	
Analyte Name			Analytical Resu	Reported Detection Limits	
TCLP Extraction			NA	0	
AMAT VOIC. TOT)	D I anahata Fl	iud nH		Method Ref: 1311	
ANALYSIS: TCLI Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: pH Units	
·	5/0/50	2.m2.g.110p.		•	
Analyte Name			Analytical Resu		
TCLP Leachate Flui	id pH		5,0	0	
ANALYSIS: TCL	P Mercury			Method Ref: 7470A	
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/L	
Analyte Name			Analytical Resu	Its Reported Detection Limits	
Mercury (Reg Limit	z = 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1	
ANALYSIS: TCLI	P Metals			Method Ref: 3010A/6010B	
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/9/98	Result Units: mg/L	
Analyte Name			Analytical Resu	Its Reported Detection Limits	
Arsenic (Reg Limit	= 5 0)		<rdl< td=""><td>1</td></rdl<>	1	
Barium (Reg Limit			<rdl< td=""><td>1</td></rdl<>	1	
Cadmium (Reg Lim			<rdl< td=""><td>1</td></rdl<>	1	
Chromium (Reg Lin	•		<rdl< td=""><td>1</td></rdl<>	1	
Lead (Reg Limit = 5			<rdl< td=""><td>1</td></rdl<>	1	
Selenium (Reg Limi	it = 1.0)		<rdl< td=""><td>1</td></rdl<>	1	
Silver (Reg Limit =	5.0)		<rdl< td=""><td>1</td></rdl<>	1	
ANALYSIS: X DI	RO QC Surro	gates (Soil)		Method Ref: 3550A/8015	
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98	Result Units: %	
Analyte Name			Analytical Resu	Its Reported Detection Limits	
o-Terphenyl			68	0	
ACCURA ANALYTICA	L LABORATOR	RY, INC. <rdl< td=""><td>= Less than Reported</td><td>Detection Limit Pg 43 of 54</td></rdl<>	= Less than Reported	Detection Limit Pg 43 of 54	

Client Sample ID: EW-L6-X AALSample ID #: AB38581 Accura Project #: 15821

ANALYSIS: X PAH/BN QC Surrogates (Soils)

Method Ref: 3550A/8270B

Date Analyzed:

3/10/98

Date Ext/Dig/Prep: 3/9/98

Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl Nitrobenzene-d5 p-Terphenyl-d14	68 62 74	0 0 0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)

Method Ref: 3550A/8081/2

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	85	0
Tetrachloro-m-xylene	57	0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

Analyte Name	<u>Analytical Results</u>	Reported Detection Limits
1.2-Dichloroethane-d4	96	0
4-Bromofluorobenzene	131	0
Toluene-d8	102	0

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NC Certification # 483

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USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38582

Accura Project #: 15821

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/18/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: WATER

Client Sample ID:

IV-TB

ANALYSIS: VOC's

Date Ext/Dig/Prep: 3/11/98

Date Analyzed:

3/11/98

Result Units:

ug/L

Method Ref: 5030A/8260A

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1,2-Trichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloropropane	<rdl< td=""><td>5</td></rdl<>	5
1,3-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
1,4-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
2-Butanone (MEK)	<rdl< td=""><td>50</td></rdl<>	50
2-Chloroethylvinyl ether	<rdl< td=""><td>10</td></rdl<>	10
2-Hexanone	<rdl< td=""><td>50</td></rdl<>	50
4-Methyl-2-pentanone (MIBK)	<rdl< td=""><td>50</td></rdl<>	50
Acetone	<rdl< td=""><td>50</td></rdl<>	50
Benzene	<rdl< td=""><td>5</td></rdl<>	5
Bromodichloromethane	<rdl< td=""><td>5</td></rdl<>	5
Bromoform	<rdl< td=""><td>5</td></rdl<>	5
Bromomethane	<rdl< td=""><td>5</td></rdl<>	5
Carbon disulfide	<rdl< td=""><td>5</td></rdl<>	5
Carbon tetrachloride	<rdl< td=""><td>5</td></rdl<>	5
Chlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
Chloroethane	<rdl< td=""><td>5</td></rdl<>	5
Chloroform	<rdl< td=""><td>5</td></rdl<>	5
Chloromethane	<rdl< td=""><td>5</td></rdl<>	5
cis-1,2-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
cis-1,3-Dichloropropene	<rdl< td=""><td>5</td></rdl<>	5
Dibromochloromethane	<rdl< td=""><td>5</td></rdl<>	5
Ethylbenzene	<rdl< td=""><td>5</td></rdl<>	5
Methylene chloride	<rdl< td=""><td>5</td></rdl<>	5
Styrene	<rdl< td=""><td>5</td></rdl<>	5
Tetrachloroethene	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

< RDL = Less than Reported Detection Limit

Pg 45 of 54

Client Sample ID: IV-TB

AALSample ID #: AB38582 Accura Project #: 15821

Toluene trans-1,2-Dichloroethene trans-1,3-Dichloropropene Trichloroethene Trichlorofluoromethane Vinyl acetate Vinyl chloride	<rdl <rdl="" <rdl<="" th=""><th>5 5 5 5 5 100 2</th></rdl>	5 5 5 5 5 100 2
Xylenes (Total)	<rdl< td=""><td>5</td></rdl<>	5

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 8260A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/11/98

/98

Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1.2-Dichloroethane-d4	87	0
4-Bromofluorobenzene	99	0
Toluene-d8	100	0

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USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38583

Accura Project #: 15821

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/18/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

METHOD BLANK

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene Ethyl benzene <RDL <RDL

5 5

Toluene

Xylenes

<RDL <RDL 5 5

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/10/98

Date Ext/Dig/Prep: 3/10/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

<RDL

10

ANALYSIS: Metals - Mercury - RCRA

3/6/98

Method Ref: 7471A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep:

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metais - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

mg/Kg

Analyte Name Arsenic

Analytical Results <RDL

Reported Detection Limits

5

5

5

<RDL

5

Chromium Lead

Selenium

Silver

Cadmium

Barium

<RDL <RDL <RDL

<RDL

0.5 5 5

<RDL

Pg 47 of 54

ANALYSIS: PAH's Method Ref: 3550A/8270B

Date Analyzed: 3/10/98 Date Ext/Dig/Prep: 3/9/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
I-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's Method Ref: 3550A/8082

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/9/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016 PCB-1221 PCB-1232 PCB-1242	<rdl <rdl <rdl <rdl <rdl< td=""><td>20 40 40 20 20</td></rdl<></rdl </rdl </rdl </rdl 	20 40 40 20 20
PCB-1248 PCB-1254 PCB-1260	<rdl <rdl <rdl< td=""><td>20 20 20</td></rdl<></rdl </rdl 	20 20 20

ANALYSIS: Pesticides Method Ref: 3550A/8081A

Date Analyzed: 3/11/98 Date Ext/Dig/Prep: 3/9/98 Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

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<RDL = Less than Reported Detection Limit

Pg 48 of 54

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Tec	chnical)		<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLP	Extraction I	Procedure		Method Ref: 1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:
Analyte Name			Analytical Resul	Reported Detection Limits
TCLP Extraction			NA	0
TODI DARAGION				
ANALYSIS: TCLP	Leachate Fl	uid pH		Method Ref: 1311
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: pH Units
Analyte Name			Analytical Resul	<u>Reported Detection Limits</u>
TCLP Leachate Flui	d pH		5.0	0
	•			
ANALYSIS: TCLP Mercury			Method Ref: 7470A	
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/L
Analyte Name			Analytical Resul	<u>Reported Detection Limits</u>
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
• • •				
ANALYSIS: TCLI	Metals			Method Ref: 3010A/6010B
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/9/98	Result Units: mg/L
Analyte Name			Analytical Resu	Reported Detection Limits
Arsenic (Reg Limit	= 5.0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit			<rdl< td=""><td>I</td></rdl<>	I
Cadmium (Reg Lim			<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Lin			<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5			<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Limit = 1.0)		<rdl< td=""><td>1</td></rdl<>	1	
Silver (Reg Limit =	5.0)		<rdl< td=""><td>1</td></rdl<>	1
ANALYSIS: X DI	O OC Surr	ngates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/10/98	Date Ext/Dig/Prep:	3/10/98	Result Units: %
-	3/10/70	2	Analytical Resu	lts Reported Detection Limits
Analyte Name				0
o-Terphenyl			77	
ACCURA ANALYTICA	AL LABORATO	RY, INC. <rdl< td=""><td>= Less than Reported</td><td>Detection Limit Pg 49 of 54</td></rdl<>	= Less than Reported	Detection Limit Pg 49 of 54

Client Sample ID: METHOD BLANK

AALSample ID #: AB38583 Accura Project #: 15821

ANALYSIS: X PAH/BN QC Surrogates (Soils)

Method Ref: 3550A/8270B

<u>ANALYSIS: A FA</u>	INDIA OC DO				0.7
Date Analyzed:	3/10/98	Date Ext/Dig/Prep:	3/9/98	Result Units:	%

Date Analyzed:	3/10/98	Date Ext/Dig/Frep.	3/7/70	
·			Analytical Results	Reported Detection Limits
Analyte Name 2-Fluorobiphenyl Nitrobenzene-d5 p-Terphenyl-d14			75 71 80	0 0 0
-				

ANALYSIS:	<u>X</u>	Pest/PCB QC Surrogates (Soils)
ANALYSIS:	<u>X</u>	Pest/PCB QC Surrogates (Soils)

Method Ref: 3550A/8081/2

ANALYSIS: A Pesi	ULCD OC DO	Troparts (~ .
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/9/98	Result Units:	%

Analyte Name	Analytical Results	Reported Detection Limits
Analyte Name Decachlorobiphenyl Tetrachloro-m-xylene	94 72	0 0

ANALYSIS:	VOC QC Surrogates (Soils)
-----------	---------------------------

Method Ref: 8260A

ANALYSIS: X VOC	: OC Surrog	ates (Sous)			
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units:	%

Analyta Name	Analytical Results	Reported Detection Limits
Analyte Name 1,2-Dichloroethane-d4 4-Bromofluorobenzene Toluene-d8	86 97 95	0 0 0

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LABORATORY REPORT

Accura Sample ID #: AB38584

Accura Project #: 15821

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/18/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: WATER

Client Sample ID:

METHOD BLANK

ANALYSIS: VOC's

Method Ref: 5030A/8260A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/11/98

Result Units: ug/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1,2-Trichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloropropane	<rdl< td=""><td>5</td></rdl<>	5
1,3-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
1,4-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
2-Butanone (MEK)	<rdl< td=""><td>50</td></rdl<>	50
2-Chloroethylvinyl ether	<rdl< td=""><td>10</td></rdl<>	10
2-Hexanone	<rdl< td=""><td>50</td></rdl<>	50
4-Methyl-2-pentanone (MIBK)	<rdl< td=""><td>50</td></rdl<>	50
Acetone	<rdl< td=""><td>50</td></rdl<>	50
Benzene	<rdl< td=""><td>5</td></rdl<>	5
Bromodichloromethane	<rdl< td=""><td>5</td></rdl<>	5
Bromoform	<rdl< td=""><td>5</td></rdl<>	5
Bromomethane	<rdl< td=""><td>5</td></rdl<>	5
Carbon disulfide	<rdl< td=""><td>5</td></rdl<>	5
Carbon tetrachloride	<rdl< td=""><td>5</td></rdl<>	5
Chlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
Chloroethane	<rdl< td=""><td>5</td></rdl<>	5
Chloroform	<rdl< td=""><td>5</td></rdl<>	5
Chloromethane	<rdl< td=""><td>5</td></rdl<>	5
cis-1,2-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
cis-1,3-Dichloropropene	<rdl< td=""><td>5</td></rdl<>	5
Dibromochloromethane	<rdl< td=""><td>5</td></rdl<>	5
Ethylbenzene	<rdl< td=""><td>5</td></rdl<>	5
Methylene chloride	<rdl< td=""><td>5</td></rdl<>	5
Styrene	<rdl< td=""><td>5</td></rdl<>	5
Tetrachloroethene	<rdl< td=""><td>5</td></rdl<>	5

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<RDL = Less than Reported Detection Limit

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Client Sample ID: METHOD BLANK

AALSample ID#: AB38584 Accura Project#: 15821

Toluene	<rdl< th=""><th>5</th></rdl<>	5
trans-1,2-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
trans-1,3-Dichloropropene	<rdl< td=""><td>5</td></rdl<>	5
Trichloroethene	<rdl< td=""><td>5</td></rdl<>	5
Trichlorofluoromethane	<rdl< td=""><td>5</td></rdl<>	5
Vinyl acetate	<rdl< td=""><td>100</td></rdl<>	100
Vinyl chloride	<rdl< td=""><td>2</td></rdl<>	2
Xylenes (Total)	<rdl< td=""><td>5</td></rdl<>	5

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 8260A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/11/98

Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	81	0
4-Bromofluorobenzene	86	0
Toluene-d8	92	0

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USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38585

Accura Project #: 15821

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98 Date Received: 3/4/98

Client Contact: T. SHEPPARD

Client Project Number: DACA21-97-C-0042

Date Reported: 3/18/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: WATER

Client Sample ID:

TRIP BLANK

Method Ref: 5030A/8260A

ANALYSIS: VOC's

Date Ext/Dig/Prep: 3/11/98

Result Units: ug/L

B . A - alverade	3/11/98	Date Ext/Dig/Prep:	3/11/98	Result Onlis.	ug/L
Date Analyzed:	3/11/20		Analytical Resul	its Repo	orted Detection Limits
Analyte Name			•		5
1,1,1-Trichloroeth	ane		<rdl <rdl< td=""><td></td><td>5</td></rdl<></rdl 		5
1,1,2,2-Tetrachlor	oethane		<rdl <rdl< td=""><td></td><td>5</td></rdl<></rdl 		5
1,1,2-Trichloroeth	ane		<rdl <rdl< td=""><td></td><td>5</td></rdl<></rdl 		5
1,1-Dichloroethan	e		<rdl <rdl< td=""><td></td><td>5</td></rdl<></rdl 		5
1,1-Dichloroethen	e		<rdl <rdl< td=""><td></td><td>5</td></rdl<></rdl 		5
1,2-Dichlorobenze	ene		<rdl< td=""><td></td><td>5</td></rdl<>		5
1,2-Dichloroethan	e		<rdl <rdl< td=""><td></td><td>5</td></rdl<></rdl 		5
1,2-Dichloropropa	ane		<rdl <rdl< td=""><td></td><td>5</td></rdl<></rdl 		5
1,3-Dichlorobenz	ene		<rdl <rdl< td=""><td></td><td>5</td></rdl<></rdl 		5
1,4-Dichlorobenz	ene		<rdl< td=""><td></td><td>50</td></rdl<>		50
2-Butanone (ME	K)		<rdl <rdl< td=""><td></td><td>10</td></rdl<></rdl 		10
2-Chloroethylvin	yl ether		<rdl< td=""><td></td><td>50</td></rdl<>		50
2-Hexanone	,		<rdl< td=""><td></td><td>50</td></rdl<>		50
4-Methyl-2-penta	mone (MIBK)		<rdl <rdl< td=""><td></td><td>50</td></rdl<></rdl 		50
Acetone			<rdl <rdl< td=""><td></td><td>5</td></rdl<></rdl 		5
Benzene			<rdl <rdl< td=""><td></td><td>5</td></rdl<></rdl 		5
Bromodichlorom	ethane		<rdl <rdl< td=""><td></td><td>5</td></rdl<></rdl 		5
Bromoform			<rdl< td=""><td></td><td>5</td></rdl<>		5
Bromomethane			<rdl <rdl< td=""><td></td><td>5</td></rdl<></rdl 		5
Carbon disulfide	;		<rdl< td=""><td></td><td>5</td></rdl<>		5
Carbon tetrachlo	oride		<rdl< td=""><td></td><td>5</td></rdl<>		5
Chlorobenzene			<rdl< td=""><td></td><td>5</td></rdl<>		5
Chloroethane			<rdl< td=""><td></td><td>5</td></rdl<>		5
Chloroform			<rdl< td=""><td></td><td>5</td></rdl<>		5
Chloromethane			<rdl< td=""><td></td><td>5</td></rdl<>		5
cis-1.2-Dichlore	oethene		<rdl< td=""><td></td><td>5</td></rdl<>		5
cis-1,3-Dichlore	opropene		<rdl< td=""><td></td><td>5</td></rdl<>		5
Dibromochloro	methane		<rdl< td=""><td></td><td>5</td></rdl<>		5
Ethylbenzene			<rdl< td=""><td></td><td>5</td></rdl<>		5
Methylene chlo	oride		<rdl< td=""><td></td><td>5</td></rdl<>		5
Styrene			<rdl< td=""><td></td><td>5</td></rdl<>		5
Tetrachloroeth	ene				Pg 53 of 5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 53 of 54

Client Sample ID: TRIP BLANK

AALSample ID #: AB38585 Accura Project #: 15821

Toluene	<rdl< th=""><th>5</th></rdl<>	5
trans-1,2-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
trans-1,3-Dichloropropene	<rdl< td=""><td>5</td></rdl<>	5
Trichloroethene	<rdl< td=""><td>5</td></rdl<>	5
Trichlorofluoromethane	<rdl< td=""><td>5</td></rdl<>	5
Vinyl acetate	<rdl< td=""><td>100</td></rdl<>	100
Vinyl chloride	<rdl< td=""><td>2</td></rdl<>	2
Xylenes (Total)	<rdl< td=""><td>5</td></rdl<>	5

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 8260A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/11/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	86	0
4-Bromofluorobenzene	104	0
Toluene-d8	104	0

Accura Analytical Laboratory, Inc.

6017 Financial Drive, Norcross, Georgia, 30071, Phone (770)449-8800

CASE NARRATIVE for Project Number: 15821

Client Project: Hunter AAF Fire Training Area / DACA21-97-C-0042

The following items were noted concerning this project:

1. The following samples required dilution due to high analyte concentration and/or matrix interference, resulting in elevated detection limits:

BTEX - SW	-846-8260 <u>A</u>				
EW-H4	EW-I4-A	EW-I4-B	EB-L8	EW-L8-B	
EB-L7	EB-L6	EW-L6	EW-L6-X		
				•	
<u>PAH - SW-8</u>	3 <u>46-8270B</u>				
EW-I4-A	EB-L8	EW-L8-B	EB-L7	EB-L6	
DRO - SW	<u>-846-8015</u>				
EW-I4-A	EB-L8	EW-L8-B	EW-L8-A	EB-L7	EB-L6

2. The following surrogate recoveries were outside the method specified limits due to matrix interference:

BTEX - SW-846-8260A	EW-I4-A	EW-L8-B	EW-L8-A
4-Bromofluorobenzene-	EB-L7	EW-L6	EW-L6-X
Toluene-d8	EB-L.7		

3. One surrogate recovery was outside the method specified limits for following samples:

PAH - SW-846-8270B Nitrobenzene-d5- EB-L8 EB-L7

PEST/PCB - SW-846-8081 & 8082

Decachlorobiphenyl(DCB)-

EW-L8-B

EB-L7

The remaining surrogates were within acceptable limits; therefore the data satisfies the method requirements.

4. The surrogates were diluted out for the following samples; therefore no recoveries could be reported:

<u>PAH - SW-846-8270B</u>

EW-L8-B

DRO - SW-846-8015

EW-I4-A

EB-L8

EW-L8-B

EW-L8-A

EB-L7

EB-L6

5. The detection limits for the following samples were elevated due to matrix interference:

PEST/PCB - SW-846-8081 & 8082

EW-H4

EW-I4-B

EB-L8

EW-L8-A

EB-L7

EB-L6

6. The response of one or more internal standards was outside the method specified limit for the following samples due to matrix interference:

BTEX - SW-846-8260A

1,2-Dichlorobenzene-d4-

EW-L8-A

The results for these samples should not be effected.

7. The DRO hit in the following sample appears to be a light hydrocarbon such as a kerosene:

EW-I4-A

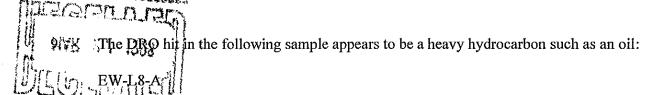
8. The DRO hits in the following samples appear to be a mixture of a light hydrocarbon such as a kerosene and a heavy hydrocarbon such as an oil:

EB-L8

EW-L8-B

EB-L7

EB-L6



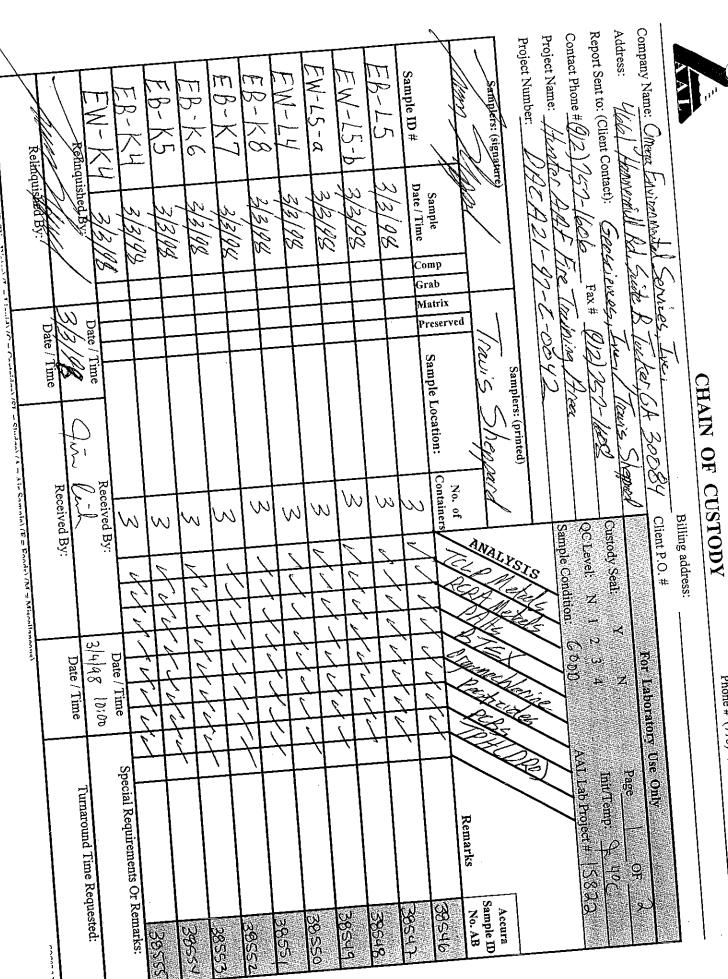
Quality Assurance

Client Services Representative

ACCURA ANALYTICAL_ABUKATUKT, LIC.

Environmental Analytical Services

Phone # (770) 449-8800 6017 Financial Drive, Norcross, GA 30071 Fax # (770) 449-5477



ACCURA ANALYTICA ABURATUKY, INC.

Environmental Analytical Services

Phone # (770) 449-8800 6017 Financial Drive, Norcross, GA 30071 Fax # (770) 449-5477



Company Name: (/Mcacl Address: Report Sent to: (Client Contact): Project Name: Contact Phone #1/2 Project Number: MY-KH Sample ID# Samplers: (signature) Reliaquished By: JUNIANION Sample Date / Time Comp Grab Fax# Matrix \leq Date/Time 2/2/04 'Date / Time Sample Location: X Samplers: (printed) CHAIN OF CUSTODY Containers Received By: Received By: No. of Client P.O. # Billing address: Custody Seal. CE Levelt N 1 2 3 4 Isample Condition: 6000 3/4/98 lor00 Date / Time Date / Time For Laboratory Use Only Z Special Requirements Or Remarks: Page_ Init Temp: Turnaround Time Requested: Not present woo arriva Remarks Sample ID No. AB 15587 2886 Accura COC97-2 XLS

Matrix Cuidar (S = Sail) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

Religifushed By:

6017 Financial Drive, Norcross, Georgia, 30071, Phone (770) 449-8800

Chent Project: Hunter AAF Fire Training Area / DACA21-97-C-0042 CASE NARRATIVE for Project Number: 15822

EB-KJ

EM-F2-B

The following items were noted concerning this project:

EB-K8

EB-F2

The following samples required dilution due to high analyte concentration and/or matrix Ί.

EB-K2 EM-T 4	EM-LS-A	EM-F2-B 46-8 <u>570B</u>	8-WS - HAq
EB-K¢ EB-K8	EB-K2 EM-T 4 40-8012	<u>)rganics (DRO)</u> -SW-8 EB-K6	EM-K¢ EB-KJ Djesel K ^{gubge} (
EB-K2 EM-L4	EM-K4-X EB-K9 EM-Г2-Y	EM-K¢ EB-KJ	EB-K4 EB-K8 EB-L2 BLEX - 2M-8
	istimil noi	onning in elevated detect	The following ser ies

The detection limits of the following samples were elevated due to matrix interference: ٦. EB-KEM-K¢

EM-K4-X

EB-K2

EB-Ke

EB-K2 EM-Г /	EB-KQ EM-T2-Y	EB-KJ EM-T2-B - 2M-846-8081/2	EB-K6 EB-L8 EB-L5 ES-KDCB
			4 7 T

One surrogate was outside the method specified limit for the following samples: ξ.

	EB-K v	EB-K8	EM-T2-B	PAH - SW-846-8270B
EM-K¢-X	EM-K¢	EB-KJ	EM-Г?-B ₹	Decschlorobiphenyl -
-	EB-1	EM-K4-X EB-K0 EM-T2-Y		EB-K\$ EM-K \$\frac{4}{4}\$ EB-K\$ \$\frac{4}{4}\$ EB-K\$ \$\frac{4}{4}\$ EB-K\$ \$\frac{1}{4}\$ \Rightarrow \frac{1}{4}\$ \Righta

	EB-KQ	EB-KJ	EB-K8	
are of hydrocarbons that are	ss appear to be a mixtn	in the following sample jn the following sample	The DRO hits heavier and lig	·L
ocarbons such as oil.	ears to be heavy hydro	o samble EM-L5-B app	ri tid ORO hit i	.9
ЕВ-К2	EM-K4-X EM-F4	EM-K¢ EM-Г2-V	EB-K¢ EB-Г?	
pous snep as kerosene:	ar to be light hydrocan	following samples appe	The hits in the	.ς
	EB-KJ	EW-L5-A EW-L5-A	EB-2 byH - 8W-840	
EB-K 4 EB-K8	EB-K2 EM-T\ 4 40-8012	. <u>ganics (DRO) - SW-8</u> EW-L5-A	<u>Diesel Range Or</u> EB-L5	
srefore no recoveries could	s were diluted out; the	or the following sample	The surrogates for be reported.	

`ħ

Client Services Representative

6017 Financial Drive, Morcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

250	1,200				Analyte Name
thod Ref: 5030A/8260A sult Units: ug/Kg Reported Detection Limits	u	3/11/5	Date Ext/Dig/Prep:	86/11/8	ANALYSIS: BTEX
Toject #: 15822 Date Sampled: 3/3/98 Date Received: 3/4/98 Date Reported: 3/25/98 Sample Matrix: SOILS		А ЗЯА {		Services - T HEPPARD :: DACA21	Accura Sam Client: Omega Env. Client Contact: T. SI Client Project Number Client Project Name:
OZYCE-WKD Ybbioaeq	KT	annaa as	e, Norcross, Ocorpus 483 NC Certification # 483 LABORATOR		FL Certification [‡]

Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/6/98 Result Units: mg/Kg

12,000

Analytical Results

096

<BDL

0076

86/61/8

2000

Reported Detection Limits

720

720

052

Result Units: mg/Kg

Method Ref: 3550A/8015

Analyte Name Analytical Results 0.5

Analyte Name 0.5

Mercury <RDL 3050B/6010B

Date Ext/Dig/Prep:

Diesel Range Organics (DRO)

36/07/8

ANALYSIS: Diesel Range Organics (DRO)

Analyte Name

Date Analyzed:

Xylenes

Loluene

Benzene

Etply penzene

ANALYSIS: Metals - RCRA

ANALYSIS: Metals - RCRA

Date Analyzed: 3/9/98 Result Units: mg/Kg

Date Analyzed: Alexandre Ext/Dig/Prep: 3/6/98 Results mg/Kg

Silver <BDL Selenium ς <KDL resq ς L'6 Chromium ς <BDL Cadmium <BDL Barium ς.0 6.6 Arsenic ς <BDF ς Analyte Name Analytical Results

ACCURA ANALYTICAL LABORATORY, INC. <RDL.= Less than Reported Detection Limit

AALSample ID: BB-L5

Client Sample ID: BB-L5

Client Sample ID: BB-L5

		ar adameaVV		EB-F2	Client Sample ID:
Accura Project #: 15822	#: VB38246	L = Less than Reported (Il algoniale II)	Х' IИС' <bd:< th=""><th>NOTANOBAL LABORATOR</th><th>ACCURA ANALYTIC</th></bd:<>	NOTANOBAL LABORATOR	ACCURA ANALYTIC
 To 2 gT					delta-BHC
		$<$ $KD\Gamma$			beta-Endosulfan
7		<bdl< td=""><td></td><td></td><td>peta-BHC</td></bdl<>			peta-BHC
ħ		<bdl< td=""><td></td><td></td><td>alpha-Endosulfan</td></bdl<>			alpha-Endosulfan
7		$<$ $KD\Gamma$			alpha-BHC
7		$<\!\! K\!D\Gamma$			nirblA
7		<kdl< td=""><td></td><td></td><td>4'4'-DDT</td></kdl<>			4'4'-DDT
		<bdl< td=""><td></td><td></td><td>4'4'-DDE</td></bdl<>			4'4'-DDE
01		74			d'd'-DDD
7		ŞΙ			
7 	 	Analytical Result			Analyte Vame
ported Detection Limi	is Kei			86/41/5	Date Analyzed:
ug/Kg	Result Units:	3/15/68	———— Date Ext/Dig/Prep:		ANALYSIS: Pestio
A1808\A0225	Method Ref:			30P;	graduation of the second
		TOTAL STATE			PCB-1260
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04		<kdf< td=""><td></td><td></td><td>bCB-15√8</td></kdf<>			bCB-15√8
07		$<$ $BD\Gamma$			bCB-1545
07		<bdl< td=""><td></td><td></td><td>bCB-1535</td></bdl<>			bCB-1535
08		$<\!\! K\!D\Gamma$			bCB-1551
08		<bdl< td=""><td></td><td></td><td>bCB-1016</td></bdl<>			bCB-1016
0 7		<bdl< td=""><td></td><td></td><td>Analyte Name</td></bdl<>			Analyte Name
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937/gu	Reporte	35,000 47,000 47,000 48DL 4RDL 4RD	1 √	91	ANALYSIS: PCB's Methylnaphthalene Methylnaphthalene cenaphthylene mihracene enzo(a)anthracene enzo(b)fluoranthene enzo(k)fluoranthene enzo(k)fluoranthene fluysene chro(k)fluoranthene fluysene chro(k)fluoranthene fluysene mdeno(1,2,3-cd)pyrer fluoranthene mdeno(1,2,3-cd)pyrer fluoranthene mdeno(1,2,3-cd)pyrer

Client Sample ID: EB-L5

EB-F2	Sample ID	Juəil
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Accura Project #: 15822	le ID#: AB38546 /	dwest – Toss cum	DRY, INC.		ACCURA ANALYT
84 to £ gq	ported Detection Limit				Z-Fluorobipheny
0	avitstīve	u əəS		·	Analyte Vaine
oorted Detection Limits	Results Rel	Analytical			Date Analyzed:
%	Result Units:	86/07/E	Date Ext/Dig/Prep	86/52/5	
•	Method Ref:		(Soils)	S DO NA/HAO	A GIGATIAN
£07°9\ 4.032.0					o-Lerbhenyl
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erted Detection Linits	Genție Kebo	Analytical R			Date Analyzed:
	Result Units:	86/61/8	Date Ext/Dig/Prep:	3/50/98	
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\$108\A0??	Method Ref: 3			(0:0-	Silver (Reg Limit =
		<bdl< td=""><td></td><td>(O.1 – II)</td><td>Selenium (Reg Lim</td></bdl<>		(O.1 – II)	Selenium (Reg Lim
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l		<rdl< td=""><td></td><td>$\{0, C = 100\}$</td><td>Chromium (Reg Lu</td></rdl<>		$\{0, C = 100\}$	Chromium (Reg Lu
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Ī		1.1		(0.2 =	Arsenic (Reg Limit
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ted Detection Limits	nts Repor	Analytical Res			
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80109/∀0	Method Ref: 301				Mercury (Reg Limit
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ed Detection Limits	lts <u>Reporte</u>	nalytical Resu		0.61016	Date Analyzed:
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Δ()LVL Godf - 1. Jc				ІСГЬ Ехрасію
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Detection Limits	,0, 1		v C narra com C	36/5/8)ate Analyzed:
,	Result Units:	86/9	arma	Xtraction Proc	NALYSIS: TCLP E
	Method Ref: 1311		anpo		
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7		<bdf< td=""><td></td><td></td><td>mma-BHC</td></bdf<>			mma-BHC
7		<bdl <bdl<="" td=""><td></td><td></td><td>drin aldehyde</td></bdl>			drin aldehyde
7		<kdl< td=""><td></td><td></td><td>mirb.</td></kdl<>			mirb.
7		<bdl< td=""><td></td><td></td><td>dosulfan sulfate</td></bdl<>			dosulfan sulfate
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<BDL

7 7

0		III			Toluene-d8
0		700		əuəz	4-Bromofluoroben
0		901		. † -P-9	l,2-Dichloroethane
oorted Detection Limits	sants <u>Re</u> l	Analytical Re			Analyte Name
%	Result Units:	86/11/8	Date Ext/Dig/Prep:	86/11/8	Date Analyzed:
A0328/A0808	Method Ref:		gates (Waters)	OC OC Surro	A X :SISXTVNV
0		LL		əuə	Tetrachloro-m-xylo
0		IS			Decachlorobipheny
orted Detection Limits	sanjts Re	Analytical Re			Analyte Name
%	Result Units:	3/15/98	Date Ext/Dig/Prep:	36/71/8	Date Analyzed:
3550A/8081/2	Method Ref:		urrogates (Soils)	est/PCB QC S	VALLESIS: X P
0	rative	See nan			p-Terphenyl-d14
0	-	nsn əə2			Vitrobenzene-d5

Accura Analytical Laboratory, Inc.

Client Sample ID: EB-L5

6017 Financial Drive, Morcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

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Accura Project#: 15822	VB38241	Accura Sample ID #:

00/0/0 1 1	Accura Sample W#: ADSS41
Date Sampled: 3/3/98	TaylouT - sociumoS west
Pate Received: 3/4/98	lient: Omega Env. Services - Tucker
Date Reported: 3/25/98	Client Contact: T. SHEPPARD

	AHA SMIM ATT TATE TO A TAME A	Sample Matrix: SOILS	
Client Project Mur	nmper: DACA21-97-C-0042	2. IIO2 : virtel of almon- 2	
10 –	2400-7-70-15A2AG	Date reported and	
Chent Contact:	T. SHEPPARD	Date Reported: 3/25/98	
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	# 2 z	
Client Project Name:	АЗАА ЭИІЛІАТ ТЯЕ ТРАІИІИ В АКЕА	Jerma
Client Project Number:	DACA21-97-C-0042	Sample Matrix: SOILS
	2400-2-16-1074	Jan. a. mar

	EM-LS-B	Client Sample M:
Lung	HUNTER AAF FIRE TRAINING AREA	Client Project Name:
Sample Matrix: SOILS	DACA21-97-C-0042	Client Project Number:
Date reputed and all of	-	

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	ន្ល/Kg	Result Units:	36/11/8	Date Ext/Dig/Prep:		
	23,	•				VAVIASIS: BLEX
A08	5030A/826	Method Ref:				

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Benzene	$<\!\! K\!D\Gamma$	720
_	JQJ/>	720
Analyte Name		•
	Analytical Results	Reported Detection Limits

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aX/sm	Result Units:	80,01,0	cs (DKO)		VAVIVATE DIES
CIADIMACCE	Method Ker:		cs (DRO)	inguin anno I lor	o'fd 'pypy' x ' x '

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O L	20	Analyte Name
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ANALYSIS: Metals - Mercury - RCRA	801910	Method Ref: 7471A
Diesel Range Organics (DRO)	C7	

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0 8	town o angovi	86/9/8	Date Ext/Dig/Prep:	86/9/E	Date Analyzed:
g/Kgm	Result Units:	80/7/0	VXOX	ls - Mercury -	ANALYSIS: Meta

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'h9xvlsnA ateO	86/6/€	Date Ext/Dig/Prep:	86/9/8	Vernu Ouros	0
VANTERIE: Metals	- <u>RCKA</u>			:stinU tluzəA	- 23)
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Date Analyzed:	86/6/8	Date Ext/Dig/Prep:	86/9/8	Result Units:	9-1-8-11
ANALYSIS: Metal	S - KCKA		20,77	other I Hang C	Mg/Kg

nple ID: EW-L5-B	

Accura Project #: 15822	¥\$8884	AALSample ID #:
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ીં છે કુવ	ection Limit	. = Less than Reported Det	DRY, INC. <rdi.< th=""><th></th><th>ACCURA ANALYTIC</th></rdi.<>		ACCURA ANALYTIC
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					2-Fluorobiphenyl
0	eineo	<u>Analytical R</u> 54			Analyte Name
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3550A/8270B	Method Ref:		(-1:-5)		
0		86			o-Terphenyl
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J/3;	Result Units: m	86/9/8	Date Ext/Dig/Prep:	86/9/8)ate Analyzed:
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d Detection Limits	is Reporte	Inalytical Resul	7		ate Analyzed:
	Result Units:	86/\$/	Date Ext/Dig/Prep: 3	36/\$/8	
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A0308/A0508 %	Method Ref: Result Units:	86/11/8	Pates (Waters)—— Date Ext/Dig/Prep:	3/11/68	Nate Analyzed:
Oorted Detection Limits 0	ज् <u>ञ</u> ाहर	<u>Analytical Res</u> 163 44	Lange and and		Date Analyzed: Analyte Vame Decachlorobiphen Tetrachloro-m-xy
% 7/1808/ Y 0\$\$8	Method Ref: Result Units:	86/21/8	rrogates (Soils) Date Ext/Dig/Prep:		A X SISATVNV
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Accura Analytical Laboratory, Inc.

AALSample ID #: AB38547 Accura Project #: 15822 ACCURA ANALYTICAL LABORATORY, INC. <RDL = Less than Reported Detection Limit 84 to 8 gq

Client Sample ID: EW-L5-B

6017 Financial Drive, Morcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429 NC Certification # 483 SC Certification # 98015 **NZYCE-WKD Ybbioacq**

ГАВОВАТОВУ ВЕРОВТ

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Accura Project #: 15822	AB38548	Accura Sample ID #:

80/2/2 1/0/1000-5 / 2	Accura Sample to #5. Accura		
Date Sampled: 3/3/98	TalouT - sanivas was and		
Date Received: 3/4/98	nt: Omega Env. Services - Tucker		
	(Ig Aggarra Tr.		
Date Reported: 3/25/98	nt Contact: T. SHEPPARD		

an , prepare	HINTER AAF FIRE TRAINING AREA	
Client Project Number:	DACA21-97-C-0042	Sample Matrix: SOILS
	2700-2-10 16424 a	Date Reported: 3/25/98
Client Contact: T. SHI	ЕРРАКО	80/2C/8 . Pottogod of of

Client Sample ID:	EM-L5-A	
Client Project Name:	HUNTER AAF FIRE TRAINING AREA	
Client Project Number:	DACA21-97-C-0042	Sample Matrix: SOILS
	CAOO.2 TO 16ABA	Date Keporton, 2007

320	en ginsa	Analytical Re			Analyte Name
orted Detection Limits	19 H 191		Date Ext/Dig/Prep:	36/11/8	Date Analyzed:
ug/K.g	Result Units:	36/11/8			TA SISYIANA
A0328\A0£02	Method Ref:				

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Toluene	$<\!\! BD\Gamma$	520
Είμλη peuzeue	<kdl< td=""><td>520</td></kdl<>	520
Benzene	1,500	720
Analyte Name	0S4	720
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stimi. I moitoeted between	· · ·			3/50/88	Date Analyzed:
mg/Kg	Result Units:	86/61/8	Date Ext/Dig/Prep:	=	ANALYSIS: Dies
\$108\A022	Method Ref:		(OAM) soin.	Jang va wa t	

700	7,800		(Odd) .	Analyte Mame
Reported Detection Limits	Analytical Results			
stirri I rioitanta de la casa de		Date Ext/Dig/Frep:	3/50/88	Date Analyzed:

ANALYSIS: Metals - Mercury - RCRA Analyzia/Prep:		Method Ref: 7477 A Result Units: mg/Kg
Diesel Range Organics (DRO)	7,800	007

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	ad back by	80109/80205
Mercury		
Analyte Name	Allaly thouse the second	<i>c</i> .0

1.0					
Selenium			<kdf< td=""><td></td><td>ς</td></kdf<>		ς
Гезд			$<$ $BD\Gamma$		ç
Chromium			91		ç
Cadmium			<bdl< td=""><td></td><td>_</td></bdl<>		_
Barium			$<\!\! K\!D\Gamma$		ς:0
Arsenic			17		č.0
<u>Analyte Name</u>			<rdl< td=""><td></td><td>ς ς</td></rdl<>		ς ς
			Analytical Resul	<u>Its</u> <u>Rel</u>	ported Detection Limits
Date Analyzed:	86/6/8	Date Ext/Dig/Prep:	86/9/8	Result Units:	
ANALYSIS: Metals	S - RCRA				
				Method Ref:	3020B\6010B
Canadata					

Pg 9 of 48 Accura Project #: 15822	= Less than Reported Detection Limit AALSample ID #: AB38548	КА' INC. < KDГ.		ACCURA ANALYTI
Ab to 0 ad				ZiJver.
ć	<bdl< td=""><td></td><td></td><td>Selenium</td></bdl<>			Selenium
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č.0	12			Arsenic
ς ς 	<u>Analytical Results</u> K <u>e</u>			<u>Analyte Name</u>
mg/kg sported Detection Limits	3/6/98 Result Units:	I - O nvcr ond	86/6/£	Date Analyzed:

3550A/8270B	Method Ref:

AAL/Sample ID #: AB38548 Accura Project #: 15822

<RDL = Less than Reported Detection Limit</p>

	Defection Limit	r = ress than Reported	ORY, INC. <rd< th=""><th></th><th></th></rd<>		
					delta-BHC
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7		<bdl< td=""><td></td><td></td><td>peta-BHC</td></bdl<>			peta-BHC
7		<bdl< td=""><td></td><td></td><td>alpha-Endosulfan</td></bdl<>			alpha-Endosulfan
7		<bdl< td=""><td></td><td></td><td>^slbps-BHC</td></bdl<>			^s lbps-BHC
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7		۶,9			₫'₫~DDD
7		2.9			TO LIBITY
	 =	Analytical Result			Analyte Vame
ported Detection Lin	эЯ "	dimod to the			Date Analyzed:
o	Result Units:	3/17/68	Date Ext/Dig/Prep:	86/ÞI/E	
B≯\K&				<u>səbi</u>	ANALYSIS: Pestic
A1808\A022£	Method Ref:				
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O.L.		$<\!\! BD\Gamma$			bCB-1724
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01⁄2		<pre></pre>			bCB-1545
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08					PCB-1221
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0₽	रकार				<u>Analyte Name</u>
	<u>Kepo</u>	Analytical Results		96/41/5	
orted <u>Detection Limit</u> 40	u	Analytical Results		86/71/8	Date Analyzed:
ug/Kg <u>orted Detection Limit</u> 40	:esult Units:	3/12/98 Fesults		86/71/5	
ug/Kg <u>orted Detection Limit</u> 40	u	3/12/98 Fesults		86/71/8	Date Analyzed: $\overline{\text{PCB}'s}$
ug/Kg <u>orted Detection Limit</u> 40	:esult Units:	7) 12/98 3/12/98 F		86/71/8	Date Analyzed: ANALYSIS: PCB's Pyrene
ug/Kg <u>orted Detection Limit</u> 40	:esult Units:	-RDL 3/12/98 F 7		86/71/5	Date Analyzed: AVALYSIS: PCB's Pyrene Phenanthrene
550A/8082 ug/Kg <u>orted Detection Limit</u>	:esult Units:	<rdl Analytical Results - Analytical Results</rdl 			Date Analyzed: Avenanthrene Pyrene Phenanthrene
6600 550A/8082 pried <u>Detection Limit</u> pried Detection Limit	:esult Units:	-RDL -RDL 3/12/98 F -F			Date Analyzed: AVALYSIS: PCB's Pyrene Phenanthrene
6600 6600 6600 550A/8082 ug/Kg prted <u>Detection Limit</u>	:esult Units:	-RDL -RDL -RDL 3/12/98 F			Date Analyzed: Naphthalene Pyrene Pyrene Pyrene
6600 6600 6600 550A/8082 ug/Kg	:esult Units:	-RDL -RDL -RDL -RDL -RDL -RDL 			Date Analyzed: ANALYSIS: PCB's Pyrene Phenanthrene Pyrene Pyrene Pyrene Pyrene Pyrene Pyrene Pyrene Pyrene Phenanthrene Phene Phene
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6600 6600 6600 6600 6600 6500 550A/8082 ug/Kg	:esult Units:	-RDL -RDL -RDL -RDL -RDL -RDL 		Э	Date Analyzed: ANALYSIS: PCB's Phenanthene Fluorene Flu
6600 6600 6600 6600 6600 6600 6600 660	:esult Units:	-RDL -RDL -RDL -RDL -RDL -RDL -RDL -RDL		Э	Chrysene Dibenzo(a,h)anthracen Fluoranthene Indeno(1,2,3-cd)pyren Phenanthrene Pyrene Pyrene Pyrene
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EM-1'2-V	Client Sample ID:
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				F.M-125-W	Client Sample ID:
Accura Project #: 15822	OFCOCELA :#(AALSample ID			
	лина поизма В)F = Fess than Reporte			ACCURA ANALYT
84 10 11 aq				1	Z-Fluorobiphenyl
0		See nairad			Analyte Vame
ported Detection Limits	<u>भू</u>	Analytical Resu		3/77/8	Date Analyzed:
%	Result Units:	86/07/£	<u>(Soils)</u> Date Ext/Dig/Prep	MS OC Sur	
3550A/8270B	Method Ref:		(1. 2)		o-Terphenyl
0		 See narrativ			Analyte Name
orted Detection Limits	<u>र</u> हिट्ट	Analytical Result	Date Ext/Dig/Prep:	86/07/8	Date Analyzed:
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210814033				(0.2	Silver (Reg Limit =
ſ		<bdl< td=""><td></td><td>(0.1 = 1)</td><td>Selenium (Reg Limi</td></bdl<>		(0.1 = 1)	Selenium (Reg Limi
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ĺ		<rdl <<="" td=""><td></td><td>(0.c)</td><td>Cadmium (Reg Limit Chromium (Reg Limit</td></rdl>		(0.c)	Cadmium (Reg Limit Chromium (Reg Limit
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ed Detection Limits	Report	nalytical Results	a a marganina	a 86/11/8	Date Analyzed:
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71/	gra :stiaU tlu	1/98 Res	 3\6 Tyt/Dig/Prep: 3\6	ercury	VAVEXSIS: TCLP M
	hod Ref: 7470.	Met			
•	0272				LCLP Extraction
0		ΑN	- 		Analyte Name
Detection Limits	Reported	<u> Ytical Results</u>	t Ar any T	/2/98 Date	Date Analyzed: 3
	:siinU i	Resul	. Hx#/Dig/Prep: 3/5/9	raction Procedu	VANTES IS TOLP Ext
	od Ref: 1311	Meth	V-		
					Toxaphene
01⁄2		<kdl< td=""><td></td><td>(ls</td><td>Methoxychlor Total Chlordane (Technic</td></kdl<>		(ls	Methoxychlor Total Chlordane (Technic
70		<bdl< td=""><td></td><td></td><td>Heptachlor epoxide</td></bdl<>			Heptachlor epoxide
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7		<kdf <kdf< td=""><td></td><td></td><td>gamma-BHC</td></kdf<></kdf 			gamma-BHC
20		 			Endrin aldehyde
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7		< KD F			Dieldrin
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2 Reported Detection Limits 0 0 0 0 0	A <u>nalytical Results</u> 109 165 108			<u>Analyte Name</u> 1,2-Dichloroethan 4-Bromofluorober 8b-anuloT
	86/11/8	Date Ext/Dig/Prep:	36/11/8	Date Analyzed:
Method Ref: 5030A/8260A Regult Units: %		gates (Waters)	OC OC Surro	A X :SISATVNV
			Sue	Tetrachloro-m-xyle
0	L6 79		1/	Decachlorobipheny
Reported Detection Limits 0	Analytical Results			Analyte Name
% :stinU tlusə.	3/15/98 B	Date Ext/Dig/Prep:	36/b1/E	Date Analyzed:
Acthod Ref: 3550A/8081/2		rrogates (Soils)	set/PCB QC Su	ANALYSIS: X PA
				p-Terphenyl-d14
0	See narrative			Vitrobenzene-d5
0	See narrative			

Accura Analytical Laboratory, Inc.

Loss than Reported Detection Limit AB38548 Accura Project #: 15822

ACCURA ANALYTICAL LABORATORY, INC. <RDL = Less than Reported Detection Limit

Client Sample ID: EW-L5-A

Diesel Range Organics (DRO) 11,000 2000 Analyte Name Analytical Results Reported Detection Limits Date Analyzed: Date Ext/Dig/Prep: 3/19/98 3/50/98 Result Units: mg/Kg ANALYSIS: Diesel Range Organics (DRO) Method Ref: 3550A/8015 Xylenes <BDL Toluene 250 <IDF Ethyl benzene 720 <BDL Beuzene 720 <BDL 720 Analyte Name Analytical Results Reported Detection Limits Date Analyzed: Date Ext/Dig/Prep: 3/11/98 3/11/8 Result Units: ug/Kg VAVLYSIS: BTEX Method Ref: 5030A/8260A Client Sample ID: EM-I'd Client Project Name: HUNTER AAF FIRE TRAINING AREA Sample Matrix: SOILS Client Project Number: DACA21-97-C-0042 Date Reported: 3/25/98 Client Contact: T. SHEPPARD Date Received: 3/4/98 Client: Omega Env. Services - Tucker Date Sampled: 3/3/98 Accura Sample ID#: AB38549 Accura Project#: 15822 ГАВОКАТОКУ КЕРОКТ FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved 6017 Financial Drive, Moreross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477 ACCURA ANALYTICAL LABORATORY, INC.

80109100300	5 4.				
					Mercury
\$.0	-	<u>Analytica</u> A >			Analyte Name
mg/Kg orted Detection Limits	Result Units:	86/9/E	Date Ext/Dig/Prep:	86/9/€	Date Analyzed:

84 to El 29	jimit r	— — — — — — cported Detection	- — — — — 1 (16th 225.1 =			
		_				Silver
ς		DC	<i>A</i> >			Selenium
Ş		DF	< <i>E</i>			Lead
ç		•) I			Chromium
ç		OF	/ <u>/</u> /			Cadmium
S.()	ΊC	ſ X >			Barium
ç		(9,8			Arsenic
ç		70	[<i>A</i> >			
		enneavi)	Analytica			Analyte Name
tection Limits	Renorted De	atluso G	100:4-[Commercial control
	Arrent conto	Result	86/9/8	Date Ext/Dig/Prep:	86/6/€	Date Analyzed:
			00,77		8 - KCKV	ANALYSIS: Metal
110B	4 Ref: 3050B/60	Metho			. —	
						Mercury

Method Ref: 7471A

ACCURA ANALYTICAL LABORATORY, INC.

ANALYSIS: Metals - Mercury - RCRA

ccura Project #: 15822	₩: VB38246 ∀	II əlqms2JAA		₩ -₽4	Client Sample ID: E
84 to 41 gq	d Detection Limit	e Less than Reporte	Y' INC' <idt'=< td=""><td>AL LABORATORY</td><td>ACCURA ANALYTICA</td></idt'=<>	AL LABORATORY	ACCURA ANALYTICA
7		<bdl <<="" td=""><td></td><td></td><td>delta-BHC</td></bdl>			delta-BHC
7		<kdl< td=""><td></td><td></td><td>beta-Endosulfan</td></kdl<>			beta-Endosulfan
Þ		<kdl< td=""><td></td><td></td><td>peta-BHC</td></kdl<>			peta-BHC
7		<kdl< td=""><td></td><td></td><td>alpha-Endosulfan</td></kdl<>			alpha-Endosulfan
7		<bdl <bdl<="" td=""><td></td><td></td><td>alpha-BHC</td></bdl>			alpha-BHC
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07		 			4'4,-DDT
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7		71			4'4'-DDD
orted Detection Limits	nţtz <u>R</u> et	Analytical Res			Analyte Name
ug/Kg	Result Units:	36/71/8	Date Ext/Dig/Prep:	36/41/5	Date Analyzed:
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0†		<kdl< td=""><td></td><td></td><td>LCB-1700</td></kdl<>			LCB-1700
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0 7		<bdf <bdf< td=""><td></td><td></td><td>bCB-1548</td></bdf<></bdf 			bCB-1548
04		<bdi <bdi< td=""><td></td><td></td><td>DCB-1545</td></bdi<></bdi 			DCB-1545
08		<bdi <bdi< td=""><td></td><td></td><td>DCB-1535</td></bdi<></bdi 			DCB-1535
08		<bdf <bdf< td=""><td></td><td></td><td>bCB-1553</td></bdf<></bdf 			bCB-1553
07		<bdi <bdf< td=""><td></td><td></td><td>bCB-1019</td></bdf<></bdi 			bCB-1019
	Jan 2				
stimid nottoetection Limits	ıə II isə ilə ilə ilə ilə ilə ilə ilə ilə ilə il	Analytical Res			Analyte Name
					•
B√Kg	Result Units:	3/15/88	Date Ext/Dig/Prep:	36/41/5	Date Analyzed:
	Method Ref: Result Units:	86/71/8	——————————————————————————————————————		Date Analyzed: NALYSIS: PCB
		3/I7/98 <bdl< td=""><td>——————————————————————————————————————</td><td></td><td></td></bdl<>	——————————————————————————————————————		
Z808/¥0SSE			—————————————————————————————————————		VAVLYSIS: PCB
00EE 00EE 2808\A022E		<kdf <kdf< td=""><td>Date Ext/Dig/Prep:</td><td></td><td>VAVENCE Densurphence</td></kdf<></kdf 	Date Ext/Dig/Prep:		VAVENCE Densurphence
3308/¥0 <i>S</i> SE		<&DF <&DF <&DF	—————————————————————————————————————	S	VAVENCE Dyensuchrene Naphthalene
0088 0088 0088		<bdf <bdf <bdf <bdf <bdf< td=""><td>Date Ext√Dig/Prep:</td><td>S</td><td>VAVENCE Densurphence</td></bdf<></bdf </bdf </bdf </bdf 	Date Ext√Dig/Prep:	S	VAVENCE Densurphence
0068 0088 0088 0088		 	Date Ext/Dig/Prep:	S	ANALYSIS: PCB Naphthalene Pyrene Pyrene Pyrene
0066 0066 0066 0066 0066 0066		<bdl <bdl <bdl <bdl <bdl <bdl< td=""><td>Date Ext/Dig/Prep:</td><td>, s Leuc</td><td>ANALYSIS: PCB Phorene Phenanthrene Phenanthrene Phrenanthrene Phyrene Phyrene</td></bdl<></bdl </bdl </bdl </bdl </bdl 	Date Ext/Dig/Prep:	, s Leuc	ANALYSIS: PCB Phorene Phenanthrene Phenanthrene Phrenanthrene Phyrene Phyrene
0066 0066 0066 0066 0066 0066 0066		<bdf <bdf <bdf <bdf <bdf <bdf <bdf <bdf< td=""><td>Date Ext/Dig/Prep:</td><td>, s Leuc</td><td>Dibenzo(a,h)anthra Fluoranthene Fluorene Indeno(1,2,3-cd)py Phenanthrene Pyrene</td></bdf<></bdf </bdf </bdf </bdf </bdf </bdf </bdf 	Date Ext/Dig/Prep:	, s Leuc	Dibenzo(a,h)anthra Fluoranthene Fluorene Indeno(1,2,3-cd)py Phenanthrene Pyrene
0066 0066 0066 0066 0066 0066		<bdl <bdl <bdl <bdl <bdl <bdl< td=""><td>Date Ext/Dig/Prep:</td><td>rene rene</td><td>ANALYSIS: PCB Phorene Phenanthrene Phenanthrene Phrenanthrene Phyrene Phyrene</td></bdl<></bdl </bdl </bdl </bdl </bdl 	Date Ext/Dig/Prep:	rene rene	ANALYSIS: PCB Phorene Phenanthrene Phenanthrene Phrenanthrene Phyrene Phyrene
0066 0066 0066 0066 0066 0066 0066		<bde< td=""><td>Date Ext/Dig/Prep:</td><td>rene cene</td><td>Chrysene Dibenzo(a,h)anthra Fluoranthene Fluorene Indeno(1,2,3-cd)py Naphthalene Phenanthrene Pyrene</td></bde<>	Date Ext/Dig/Prep:	rene cene	Chrysene Dibenzo(a,h)anthra Fluoranthene Fluorene Indeno(1,2,3-cd)py Naphthalene Phenanthrene Pyrene
2808/V055E 0066 0066 0066 0066 0066 0066 0066		<bde< td=""><td>Date Ext/Dig/Prep:</td><td>eene cene ne ne ne</td><td>Benzo(k)fluoranthe Chrysene Dibenzo(a,h)anthra Fluoranthene Indeno(1,2,3-cd)py Maphthalene Phenanthrene Pyrene</td></bde<>	Date Ext/Dig/Prep:	eene cene ne ne ne	Benzo(k)fluoranthe Chrysene Dibenzo(a,h)anthra Fluoranthene Indeno(1,2,3-cd)py Maphthalene Phenanthrene Pyrene
2808/V055E 00EE 00EE 00EE 00EE 00EE 00EE 00EE 00EE		<bde< td=""><td>Date Ext/Dig/Prep:</td><td>eene cene ne ne ne</td><td>Benzo(g,h,i)peryler Benzo(k)fluoranthe Chrysene Dibenzo(a,h)anthra Fluoranthene Indeno(1,2,3-cd)py Maphthalene Phrenanthrene Pyrene</td></bde<>	Date Ext/Dig/Prep:	eene cene ne ne ne	Benzo(g,h,i)peryler Benzo(k)fluoranthe Chrysene Dibenzo(a,h)anthra Fluoranthene Indeno(1,2,3-cd)py Maphthalene Phrenanthrene Pyrene
0066 0066 0066 0066 0066 0066 0066 006		<bde <bde="" be="" be<="" td=""><td>Date Ext/Dig/Prep:</td><td>rene cene ne ne ne ne</td><td>Benzo(a)pyrene Benzo(b)fluoranthe Benzo(g,h,i)peryler Chrysene Chrysene Fluoranthene Fluoranthene Indeno(1,2,3-cd)py Maphthalene Phenanthrene Pyrene</td></bde>	Date Ext/Dig/Prep:	rene cene ne ne ne ne	Benzo(a)pyrene Benzo(b)fluoranthe Benzo(g,h,i)peryler Chrysene Chrysene Fluoranthene Fluoranthene Indeno(1,2,3-cd)py Maphthalene Phenanthrene Pyrene
00000 00000 00000 00000 00000 00000 0000		<bde <br=""></bde>	Date Ext/Dig/Prep:	rene cene ne ne ne ne	Benzo(a)anthracene Benzo(b)fluoranthe Benzo(b)fluoranthe Benzo(g,h,i)peryler Chrysene Dibenzo(a,h)anthra Fluoranthene Fluoranthene Indeno(1,2,3-cd)py Maphthalene Phenanthralene
00000 00000 00000 00000 00000 00000 0000		<bde <bde="" stor="" stor<="" td=""><td>Date Ext/Dig/Prep:</td><td>rene cene ne ne ne ne</td><td>Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthe Benzo(k)fluoranthe Chrysene Dibenzo(a,h)anthra Fluoranthene Indeno(1,2,3-cd)py Maphthalene Phenanthene Phorance</td></bde>	Date Ext/Dig/Prep:	rene cene ne ne ne ne	Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthe Benzo(k)fluoranthe Chrysene Dibenzo(a,h)anthra Fluoranthene Indeno(1,2,3-cd)py Maphthalene Phenanthene Phorance
00000 00000 00000 00000 00000 00000 0000		<bde <bde="" storm="" storm<="" td=""><td>Date Ext/Dig/Prep:</td><td>rene cene ne ne ne ne</td><td>Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthe Benzo(k)fluoranthe Chrysene Dibenzo(a,h)anthra Fluoranthene Fluoranthene Indeno(1,2,3-cd)py Waphthalene Pyrene Pyrene</td></bde>	Date Ext/Dig/Prep:	rene cene ne ne ne ne	Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthe Benzo(k)fluoranthe Chrysene Dibenzo(a,h)anthra Fluoranthene Fluoranthene Indeno(1,2,3-cd)py Waphthalene Pyrene Pyrene
00000000000000000000000000000000000000		<bde <bde="" cbde="" cbde<="" storman="" td=""><td>Date Ext/Dig/Prep:</td><td>rene cene ne ne ne ne</td><td>Acensphthene Acensphthylene Anthracene Benzo(a)pyrene Benzo(b)fluoranthe Benzo(g,h,i)perylen Benzo(g,h,i)perylen Benzo(g,h,i)perylen Benzo(g,h,i)perylen Benzo(k,h)noranthe Fluoranthene Fluoranthene Fluoranthene Pyrene Pyrene Pyrene</td></bde>	Date Ext/Dig/Prep:	rene cene ne ne ne ne	Acensphthene Acensphthylene Anthracene Benzo(a)pyrene Benzo(b)fluoranthe Benzo(g,h,i)perylen Benzo(g,h,i)perylen Benzo(g,h,i)perylen Benzo(g,h,i)perylen Benzo(k,h)noranthe Fluoranthene Fluoranthene Fluoranthene Pyrene Pyrene Pyrene
00000 00000 00000 00000 00000 00000 0000		<bde <bde="" storm="" storm<="" td=""><td>. Date Ext/Dig/Prep:</td><td>rene cene sue sue sue sue</td><td>Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthe Benzo(k)fluoranthe Chrysene Dibenzo(a,h)anthra Fluoranthene Fluoranthene Indeno(1,2,3-cd)py Waphthalene Pyrene Pyrene</td></bde>	. Date Ext/Dig/Prep:	rene cene sue sue sue sue	Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthe Benzo(k)fluoranthe Chrysene Dibenzo(a,h)anthra Fluoranthene Fluoranthene Indeno(1,2,3-cd)py Waphthalene Pyrene Pyrene
00000000000000000000000000000000000000	Method Ref:	<pre><bde <bde="" <bde<="" td=""><td>Date Ext/Dig/Prep:</td><td>rene cene sue sue sue sue</td><td>2-Methylnaphthaler Acenaphthylene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a,byluoranthe Benzo(b,hi,i)peryler Dibenzo(a,h,i)peryler Pluoranthene Phoranthene Phorant</td></bde></pre>	Date Ext/Dig/Prep:	rene cene sue sue sue sue	2-Methylnaphthaler Acenaphthylene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a,byluoranthe Benzo(b,hi,i)peryler Dibenzo(a,h,i)peryler Pluoranthene Phoranthene Phorant
00000 00000 00000 00000 00000 00000 0000	Method Ref:	8,200 8,200 4RDL	Date Ext/Dig/Prep:	rene cene sue sue sue sue	1-Methylnaphthaler 2-Methylnaphthaler Acenaphthylene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)hyrene Benzo(b)fluoranthe Benzo(k)fluoranthe Benzo(k)fluoranthe Benzo(k)fluoranthe Benzo(k)fluoranthe Benzo(k)fluoranthe Benzo(k)fluoranthe Pluoranthene Pluoranthene Pluoranthene Pluoranthene Phoranthene

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Te	echnical)		<rdl <rdl="" <rdl<="" th=""><th></th><th>2 2 2 2 2 20 2 100 20 20</th></rdl>		2 2 2 2 2 20 2 100 20 20
ANALYSIS: TCLI	Extraction P	rocedure		Method Ref:	1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	
Analyte Name			Analytical Results	<u>Re</u>	ported Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLI	Mercury			Method Ref:	7470A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units:	mg/L
Analyte Name			Analytical Results	Re	ported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
ANALYSIS: TCLI	Metals			Method Ref:	3010A/6010B
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	mg/L
Analyte Name			Analytical Results	Re	ported Detection Limits
Arsenic (Reg Limit			<rdl< td=""><td></td><td>1</td></rdl<>		1
Barium (Reg Limit	•		<rdl< td=""><td></td><td>1</td></rdl<>		1
Cadmium (Reg Lim Chromium (Reg Lim	•		<rdl <rdl< td=""><td></td><td>I 1</td></rdl<></rdl 		I 1
Lead (Reg Limit = 5			<rdl< td=""><td></td><td>1</td></rdl<>		1
Selenium (Reg Limi			<rdl< td=""><td></td><td>1</td></rdl<>		1
Silver (Reg Limit =	=		<rdl< td=""><td></td><td>1</td></rdl<>		1
ANALYSIS: X DR	-			Method Ref:	
Date Analyzed:	3/20/98	Date Ext/Dig/Prep:		Result Units:	%
Analyte Name			Analytical Results	Re	ported Detection Limits
o-Terphenyl			See narrative	;	0
ANALYSIS: X PA	H/BN QC Sur	rogates (Soils)	:	Method Ref:	3550A/8270B
Date Analyzed:	3/22/98	Date Ext/Dig/Prep:	3/20/98	Result Units:	%
Analyte Name			Analytical Results	Re	ported Detection Limits
2-Fluorobiphenyl			74		0
ACCURA ANALYTICA		, INC. <rdl :<="" td=""><td>Less than Reported De</td><td>tection Limit</td><td>Pg 15 of 48</td></rdl>	Less than Reported De	tection Limit	Pg 15 of 48

AALSample ID #: AB38549 Accura Project #: 15822

Client Sample ID: EW-L4

Nitrobenzene-d5	119	0
p-Terphenyl-d14	70	0

ANALYSIS:	X	Pest/PCB	QC Surrogates (Soils)	
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Method Ref: 3550A/8081/2

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl Tetrachloro-m-xylene	52 94	0

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 5030A/8260A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/11/98

98

Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	111	0
4-Bromofluorobenzene	215	0
Toluene-d8	116	0

anuctive

Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 16 of 48

Client Sample ID: EW-L4

AALSample ID #: AB38549 Accura Project #: 15822

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38550 Accura Project #: 15822

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/25/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOILS

Client Sample ID:

EB-K8

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/11/98

Result Units:

ug/Kg

Analyte Name

Benzene Ethyl benzene **Analytical Results** 1,400 12,000 <RDL

250 500

Reported Detection Limits

Toluene Xylenes

44,000

250 500

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/20/98

Date Ext/Dig/Prep: 3/19/98

Result Units: mg/Kg

Reported Detection Limits

Analyte Name

Diesel Range Organics (DRO)

Analytical Results 1,800

200

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units: mg/Kg

Analyte Name

Analytical Results

Mercury

<RDL

0.5

Reported Detection Limits

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Arsenic

Barium

<RDL 11 <RDL

Reported Detection Limits 5 5

Cadmium Chromium Lead

Selenium

Silver

<RDL <RDL

<RDL

<RDL

0.5 5

5 5 5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 17 of 48

Client Sample ID: EB-K8

AALSample ID #: AB38550 Accura Project #: 15822

Method Ref: 3550A/8270B

Date Analyzed:

3/22/98

Date Ext/Dig/Prep: 3/20/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	6,900	3300
2-Methylnaphthalene	5,400	3300
Acenaphthene	<rdl< td=""><td>3300</td></rdl<>	3300
Acenaphthylene	<rdl< td=""><td>3300</td></rdl<>	3300
Anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(b)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(g,h,i)perylene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(k)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Chrysene	<rdl< td=""><td>3300</td></rdl<>	3300
Dibenzo(a,h)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluorene	<rdl< td=""><td>3300</td></rdl<>	3300
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Naphthalene	<rdl< td=""><td>3300</td></rdl<>	3300
Phenanthrene	<rdl< td=""><td>3300</td></rdl<>	3300
Pyrene	<rdl< td=""><td>3300</td></rdl<>	3300

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>80</td></rdl<>	80
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>20</td></rdl<>	20
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>4</td></rdl<>	4
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 18 of 48

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Te	echnical)		<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 20 2 100 20 20</th><th></th></rdl>	2 2 2 2 2 2 20 2 100 20 20	
ANALYSIS: TCLI	P Extraction I	Procedure		Method Ref: 1311	
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	
Analyte Name			Analytical Result	Reported Detection	<u>Limits</u>
TCLP Extraction			NA	0	
ANALYSIS: TCLI	2 Mercury			Method Ref: 7470A	
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/L	
Analyte Name			Analytical Results	Reported Detection	<u>Limits</u>
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td><td></td></rdl<>	0.1	
ANALYSIS: TCLI	² Metals			Method Ref: 3010A/6010B	
Date Analyzed:		Date Ext/Dig/Prep:		Result Units: mg/L	
Analyte Name			Analytical Results	Reported Detection	<u>Limits</u>
Arsenic (Reg Limit	= 5.0)		<rdl< td=""><td>1</td><td></td></rdl<>	1	
Barium (Reg Limit =	= 100.0)		<rdl< td=""><td>1</td><td></td></rdl<>	1	
Cadmium (Reg Limi	t = 1.0)		<rdl< td=""><td>1</td><td></td></rdl<>	1	
Chromium (Reg Lin	ait = 5.0)		<rdl< td=""><td>1</td><td></td></rdl<>	1	
Lead (Reg Limit = 5			<rdl< td=""><td>1</td><td></td></rdl<>	1	
Selenium (Reg Limi	-		<rdl< td=""><td>1</td><td></td></rdl<>	1	
Silver (Reg Limit = :	5.0)		<rdl< td=""><td>1</td><td></td></rdl<>	1	
ANALYSIS: X DR	O QC Surro	gates (Soil)		Method Ref: 3550A/8015	
Date Analyzed:	3/20/98	Date Ext/Dig/Prep:	3/19/98	Result Units: %	
Analyte Name			Analytical Results	Reported Detection 1	Limits
o-Terphenyl			See narrative	0	
ANALYSIS: X PA	H/BN QC Su	rrogates (Soils)		Method Ref: 3550A/8270B	
Date Analyzed:	3/22/98	Date Ext/Dig/Prep:	3/20/98	Result Units: %	
Analyte Name			Analytical Results	Reported Detection I	_imits
2-Fluorobiphenyl			85	0	
ACCURA ANALYTICA	L LABORATOR	Y, INC. <rdl =<="" td=""><td>= Less than Reported De</td><td>tection Limit Pg 19</td><td>of 48</td></rdl>	= Less than Reported De	tection Limit Pg 19	of 48

Client Sample ID: EB-K8

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ACDE – Ecss than reported Detection Emitt

AALSample ID #: AB38550 Accura Project #: 15822

Nitrobenzene-d5			128	0
p-Terphenyl-d14			77	0
		-		
ANALYSIS: X Pe	st/PCB QC S	urrogates (Soils)		Method Ref: 3550A/8081/2
Date Analyzed:	3/14/98	Date Ext/Dig/Prep:	3/12/98	Result Units: %
Analyte Name			Analytical Resul	Reported Detection Limits
Decachlorobiphenyl			49	. 0
Tetrachloro-m-xyler	ne		88	0
ANALYSIS: X VO	OC QC Surro	gates (Waters)		Method Ref: 5030A/8260A
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/11/98	Result Units: %
Analyte Name			Analytical Result	Reported Detection Limits
1,2-Dichloroethane-	d4		117	0
4-Bromofluorobenze	ene		141	0
Toluene-d8			100	0

Accura Analytical Laboratory, Inc.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38551

Accura Project #: 15822

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/25/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOILS

Client Sample ID:

EB-K7

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/11/98

Result Units:

Analyte Name Analytical Results Reported Detection Limits Benzene 6,900 250 Ethyl benzene 47,000 2500 Toluene 32,000 2500 **Xylenes** 230,000 2500

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/20/98

Date Ext/Dig/Prep: 3/19/98

Result Units: mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

8,000

2000

ANALYSIS: Metals - Mercury - RCRA

Date Ext/Dig/Prep: 3/6/98

Result Units: mg/Kg

Method Ref: 7471A

Analyte Name

Date Analyzed:

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<rdl< td=""><td>5</td></rdl<>	5
Barium	18	5
Cadmium	<rdl< td=""><td>0.5</td></rdl<>	0.5
Chromium	<rdl< td=""><td>5</td></rdl<>	5
Lead	7.8	5
Selenium	<rdl< td=""><td>5</td></rdl<>	5
Silver	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 21 of 48

Client Sample ID: EB-K7

AALSample ID #: AB38551 Accura Project #: 15822

Method Ref: 3550A/8270B

Date Analyzed:

3/22/98

Date Ext/Dig/Prep: 3/20/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	20,000	6600
2-Methylnaphthalene	26,000	6600
Acenaphthene	<rdl< td=""><td>6600</td></rdl<>	6600
Acenaphthylene	<rdl< td=""><td>6600</td></rdl<>	6600
Anthracene	<rdl< td=""><td>6600</td></rdl<>	6600
Benzo(a)anthracene	<rdl< td=""><td>6600</td></rdl<>	6600
Benzo(a)pyrene	<rdl< td=""><td>6600</td></rdl<>	6600
Benzo(b)fluoranthene	<rdl< td=""><td>6600</td></rdl<>	6600
Benzo(g,h,i)perylene	<rdl< td=""><td>6600</td></rdl<>	6600
Benzo(k)fluoranthene	<rdl< td=""><td>6600</td></rdl<>	6600
Chrysene	<rdl< td=""><td>6600</td></rdl<>	6600
Dibenzo(a,h)anthracene	<rdl< td=""><td>6600</td></rdl<>	6600
Fluoranthene	<rdl< td=""><td>6600</td></rdl<>	6600
Fluorene	<rdl< td=""><td>6600</td></rdl<>	6600
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>6600</td></rdl<>	6600
Naphthalene	8,200	6600
Phenanthrene	<rdl< td=""><td>6600</td></rdl<>	6600
Pyrene	<rdl< td=""><td>6600</td></rdl<>	6600

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>60</td></rdl<>	60
PCB-1221	<rdl< td=""><td>120</td></rdl<>	120
PCB-1232	<rdl< td=""><td>120</td></rdl<>	120
PCB-1242	<rdl< td=""><td>60</td></rdl<>	60
PCB-1248	<rdl< td=""><td>60</td></rdl<>	60
PCB-1254	<rdl< td=""><td>60</td></rdl<>	60
PCB-1260	<rdl< td=""><td>60</td></rdl<>	60

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>20</td></rdl<>	20
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 22 of 48

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Toxaphene			<rdl <rdl="" <rdl<="" th=""><th></th><th>2 2 2 2 2 2 20 2 100 40 60</th></rdl>		2 2 2 2 2 2 20 2 100 40 60
ANALYSIS: TCL	P Extraction	Procedure		Method Ref:	1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	
Analyte Name			Analytical Resul	ts Re	eported Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCL	P Mercury			Method Ref:	7470A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units:	mg/L
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
Mercury (Reg Limi	t = 0.2)		<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
ANALYSIS: TCL	P Metals			Method Ref:	3010A/6010B
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	mg/L
Analyte Name			Analytical Result	<u>s</u> <u>Re</u>	ported Detection Limits
Arsenic (Reg Limit Barium (Reg Limit	•		<rdl <rdl< td=""><td></td><td>1 1</td></rdl<></rdl 		1 1
Cadmium (Reg Lim			<rdl< td=""><td></td><td>1</td></rdl<>		1
Chromium (Reg Lin Lead (Reg Limit = 5	· ·		<rdl <rdl< td=""><td></td><td>1</td></rdl<></rdl 		1
Selenium (Reg Lim:	•		<rdl< td=""><td></td><td>1</td></rdl<>		1
Silver (Reg Limit =	•		<rdl< td=""><td></td><td>1</td></rdl<>		1
ANALYSIS: X DI	RO QC Surro	gates (Soil)		Method Ref:	3550A/8015
Date Analyzed:	3/20/98	Date Ext/Dig/Prep:	3/19/98	Result Units:	%
Analyte Name			Analytical Result	<u>s Re</u>	ported Detection Limits
o-Terphenyl			See narrativ	e	0
ANALYSIS: X PA	<u>AH/BN QC S</u> u	rrogates (Soils)		Method Ref:	3550A/8270B
Date Analyzed:	3/22/98	Date Ext/Dig/Prep:	3/20/98	Result Units:	%
Analyte Name			Analytical Result	<u>s</u> <u>Re</u>	ported Detection Limits
2-Fluorobiphenyl			See narrativ	e	0
ACCURA ANALYTICA	L LABORATOR		= Less than Reported D	etection Limit	Pg 23 of 48

Client Sample ID: EB-K7 AALSample ID #: AB38551 Accura Project #: 15822

Nitrobenzene-d5	See narrative	0
p-Terphenyl-d14	See narrative	0

ANALYSIS:	\mathbf{X}	Pest/PCB QC Surrogates (Soils)	

Method Ref: 3550A/8081/2

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	27	0
Tetrachloro-m-xylene	98	0

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 5030A/8260A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/11/98

Result Units:

%

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	119	0
4-Bromofluorobenzene	159	0
Toluene-d8	101	0

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38552

Accura Project #: 15822

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/25/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOILS

Client Sample ID:

EB-K6

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/11/98

Result Units:

ug/Kg

Analyte Name **Analytical Results** Reported Detection Limits Benzene 1,300 250 Ethyl benzene 13,000 250 Toluene 370 250 Xylenes 13,000 250

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/20/98

Date Ext/Dig/Prep: 3/19/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

2,100

200

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units: mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<rdl< td=""><td>5</td></rdl<>	5
Barium	14	5
Cadmium	<rdl< td=""><td>0.5</td></rdl<>	0.5
Chromium	<rdl< td=""><td>5</td></rdl<>	5
Lead	<rdl< td=""><td>5</td></rdl<>	5
Selenium	<rdl< td=""><td>5</td></rdl<>	5
Silver	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Client Sample ID: EB-K6

AALSample ID #: AB38552 Accura Project #: 15822

Method Ref: 3550A/8270B

Date Analyzed:

3/22/98

Date Ext/Dig/Prep: 3/20/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	10,000	3300
2-Methylnaphthalene	<rdl< td=""><td>3300</td></rdl<>	3300
Acenaphthene	<rdl< td=""><td>3300</td></rdl<>	3300
Acenaphthylene	<rdl< td=""><td>3300</td></rdl<>	3300
Anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(b)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(g,h,i)perylene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(k)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Chrysene	<rdl< td=""><td>3300</td></rdl<>	3300
Dibenzo(a,h)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluorene	<rdl< td=""><td>3300</td></rdl<>	3300
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Naphthalene	<rdl< td=""><td>3300</td></rdl<>	3300
Phenanthrene	<rdl< td=""><td>3300</td></rdl<>	3300
Pyrene	<rdl< td=""><td>3300</td></rdl<>	3300

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>80</td></rdl<>	80
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>20</td></rdl<>	20
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

< RDL = Less than Reported Detection Limit

Pg 26 of 48

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (To	echnical)		<rdl <rdl="" <rdl<="" th=""><th></th><th>2 2 2 2 2 2 20 2 100 20 20</th></rdl>		2 2 2 2 2 2 20 2 100 20 20
ANALYSIS: TCL	P Extraction 1	<u>Procedure</u>		Method Ref:	1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	
Analyte Name			Analytical Result	<u>Re</u>	ported Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLI	P Mercury			Method Ref;	7470A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units:	mg/L
Analyte Name			Analytical Result	<u>s Re</u>	ported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
ANALYSIS: TCLI	^o Metals			Method Ref	3010A/6010B
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	mg/L
Analyte Name		,	Analytical Result		ported Detection Limits
Arsenic (Reg Limit	= 5.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Barium (Reg Limit	•		<rdl< td=""><td></td><td>1</td></rdl<>		1
Cadmium (Reg Lim	-		<rdl< td=""><td></td><td>1</td></rdl<>		1
Chromium (Reg Lin	nit = 5.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Lead (Reg Limit = 5			<rdl< td=""><td></td><td>1</td></rdl<>		1
Selenium (Reg Limi	t = 1.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Silver (Reg Limit =	5.0)		<rdl< td=""><td></td><td>I</td></rdl<>		I
ANALYSIS: X DE	O QC Surro	gates (Soil)		Method Ref:	3550A/8015
Date Analyzed:	3/20/98	Date Ext/Dig/Prep:	3/19/98	Result Units:	%
Analyte Name			Analytical Result	s <u>Re</u> p	ported Detection Limits
o-Terphenyl			See narrativ	e	0
ANALYSIS: X PA	H/BN QC Su	rrogates (Soils)		Method Ref:	3550A/8270B
Date Analyzed:	3/22/98	Date Ext/Dig/Prep:	3/20/98	Result Units:	%
Analyte Name			Analytical Result	<u>Re</u>	ported Detection Limits
2-Fluorobiphenyl			82		0
ACCURA ANALYTICA	L LABORATOR	Y, INC.	= Less than Reported D	etection Limit	Pg 27 of 48

Client Sample ID: EB-K6

AALSample ID #: AB38552 Accura Project #: 15822

Nitrobenzene-d5 p-Terphenyl-d14			95	0
р-тогрионут-ат4			78	0
ANALYSIS: X Pest/PCB QC Surrogates (Soils)				Method Ref: 3550A/8081/2
Date Analyzed:	3/14/98	Date Ext/Dig/Prep:	3/12/98	Result Units: %
Analyte Name			Analytical Resu	Its Reported Detection Limits
Decachlorobipheny	l		49	0
Tetrachloro-m-xyler	ne		88	0
ANALYSIS: X VO	OC QC Surrog	gates (Waters)		Method Ref: 5030A/8260A
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/11/98	Result Units: %
Analyte Name			Analytical Resu	ts Reported Detection Limits
1,2-Dichloroethane-	d4		112	0
4-Bromofluorobenze	ene		138	0
Toluene-d8			91	0

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NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38553

Accura Project #: 15822

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/25/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOILS

Client Sample ID:

EB-K5

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/11/98

Result Units:

ug/Kg

Analyte Name **Analytical Results** Reported Detection Limits Benzene <RDL 250 Ethyl benzene <RDL 250 Toluene <RDL 250 **Xylenes** <RDL 250

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/20/98

Date Ext/Dig/Prep: 3/19/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

1.400

200

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units: mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

mg/Kg

Analyte Name **Analytical Results** Reported Detection Limits Arsenic <RDL 5 Barium 5 11 Cadmium <RDL 0.5 Chromium 5.8 5 Lead 11 Selenium <RDL 5 Silver <RDL

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Client Sample ID: EB-K5

AALSample ID #: AB38553 Accura Project #: 15822

Method Ref: 3550A/8270B

Date Analyzed:

3/23/98

Date Ext/Dig/Prep: 3/20/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>3300</td></rdl<>	3300
2-Methylnaphthalene	<rdl< td=""><td>3300</td></rdl<>	3300
Acenaphthene	<rdl< td=""><td>3300</td></rdl<>	3300
Acenaphthylene	<rdl< td=""><td>3300</td></rdl<>	3300
Anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(b)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(g,h,i)perylene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(k)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Chrysene	<rdl< td=""><td>. 3300</td></rdl<>	. 3300
Dibenzo(a,h)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluorene	<rdl< td=""><td>3300</td></rdl<>	3300
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Naphthalene	11,000	3300
Phenanthrene	<rdl< td=""><td>3300</td></rdl<>	3300
Pyrene	<rdl< td=""><td>3300</td></rdl<>	3300

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	8.5	2
4,4'-DDE	19	2
4,4'-DDT	<rdl< td=""><td>20</td></rdl<>	20
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 30 of 48

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Toxaphene			<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 20 2 100 20 20 20</th></rdl>	2 2 2 2 2 20 2 100 20 20 20
ANALYSIS: TCL	P Extraction P	rocedure		Method Ref: 1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:
Analyte Name			Analytical Resul	ts Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCL	P Mercury			Method Ref: 7470A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/L
Analyte Name			Analytical Resul	<u>Reported Detection Limits</u>
Mercury (Reg Limi	t = 0.2)		<rdl< td=""><td>0,1</td></rdl<>	0,1
ANALYSIS: TCL	P Metals			Method Ref: 3010A/6010B
ANALYSIS: TCLE Date Analyzed:	P <u>Metals</u> 3/11/98	Date Ext/Dig/Prep:	3/10/98	Method Ref: 3010A/6010B Result Units: mg/L
		Date Ext/Dig/Prep:	3/10/98 Analytical Resul	Result Units: mg/L
Date Analyzed: <u>Analyte Name</u> Arsenic (Reg Limit	3/I1/98 = 5.0)	Date Ext/Dig/Prep:	Analytical Resul	Result Units: mg/L
Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit	3/11/98 = 5.0) = 100.0)	Date Ext/Dig/Prep:	Analytical Resul	Result Units: mg/L ts Reported Detection Limits 1 1
Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Limit Cad	3/11/98 = 5.0) = 100.0) it = 1.0)	Date Ext/Dig/Prep:	Analytical Result	Result Units: mg/L ts Reported Detection Limits 1
Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim	3/11/98 = 5.0) = 100.0) it = 1.0) nit = 5.0)	Date Ext/Dig/Prep:	Analytical Resul	Result Units: mg/L ts Reported Detection Limits 1 1
Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Limit Cad	3/11/98 = 5.0) = 100.0) it = 1.0) nit = 5.0) 5.0)	Date Ext/Dig/Prep:	Analytical Result <rdl <rdl="" <rdl<="" td=""><td>Result Units: mg/L ts Reported Detection Limits 1 1 1 1</td></rdl>	Result Units: mg/L ts Reported Detection Limits 1 1 1 1
Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = 5))	3/11/98 = 5.0) = 100.0) it = 1.0) mit = 5.0) 5.0) it = 1.0)	Date Ext/Dig/Prep:	Analytical Result <rdl <rdl="" <rdl<="" td=""><td>Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1</td></rdl>	Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1
Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit Ead (Reg	3/11/98 = 5.0) = 100.0) it = 1.0) mit = 5.0) 5.0) it = 1.0) 5.0)		Analytical Result <rdl <rdl="" <rdl<="" td=""><td>Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1 1 1</td></rdl>	Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1 1 1
Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = Selenium (Reg Lim Silver (Reg Limit = Silver (Reg Limit = Selenium (Reg Limit	3/11/98 = 5.0) = 100.0) it = 1.0) mit = 5.0) 5.0) it = 1.0) 5.0)		Analytical Result <rdl <rdl="" <rdl<="" td=""><td>Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1 1 1 1 1</td></rdl>	Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1 1 1 1 1
Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = Selenium (Reg Lim Silver (Reg Limit = ANALYSIS: X DI	3/11/98 = 5.0) = 100.0) it = 1.0) mit = 5.0) 5.0) it = 1.0) 5.0) RO QC Surrog	ates (Soil)	Analytical Result	Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 Result Units: %
Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = Selenium (Reg Lim Silver (Reg Limit = ANALYSIS: X DI Date Analyzed:	3/11/98 = 5.0) = 100.0) it = 1.0) mit = 5.0) 5.0) it = 1.0) 5.0) RO QC Surrog	ates (Soil)	Analytical Result	Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1 1 1 1 1 Method Ref: 3550A/8015 Result Units: % Reported Detection Limits
Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit Ead (Reg Limit Ead (Reg Limit Ead (Reg Limit Ead Limit Ead (Reg Limit Ead Limit Ead (Reg Limit	3/11/98 = 5.0) = 100.0) it = 1.0) mit = 5.0) 5.0) it = 1.0) 5.0) RO QC Surrog 3/20/98	ates (Soil) Date Ext/Dig/Prep;	Analytical Result <rdl <rdl="" analytical="" result="" result<="" td=""><td>Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1 1 1 1 1 Method Ref: 3550A/8015 Result Units: % Reported Detection Limits</td></rdl>	Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1 1 1 1 1 Method Ref: 3550A/8015 Result Units: % Reported Detection Limits
Date Analyzed: Analyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit Ead (Reg Limit Ead (Reg Limit Ead (Reg Limit Ead Limit Ead (Reg Limit Ead Limit Ead (Reg Limit	3/11/98 = 5.0) = 100.0) it = 1.0) mit = 5.0) 5.0) it = 1.0) 5.0) RO QC Surrog 3/20/98	ates (Soil) Date Ext/Dig/Prep;	Analytical Result <rdl <rdl="" analytical="" result="" result<="" td=""><td>Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1 1 1 1 Method Ref: 3550A/8015 Result Units: % ts Reported Detection Limits ye 0</td></rdl>	Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1 1 1 1 Method Ref: 3550A/8015 Result Units: % ts Reported Detection Limits ye 0

2-Fluorobiphenyl

Client Sample ID: EB-K5

<RDL = Less than Reported Detection Limit

87

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0

AALSample ID#: AB38553 Accura Project#: 15822

Nitrobenzene-d5	114	0
p-Terphenyl-d14	83	0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)	Method Ref: 3550A/8081/2
--	--------------------------

Date Analyzed: 3/14/98 Date Ext/Dig/Prep: 3/12/98 Result Units: %	Date Analyzed:	3/14/98	Date Ext/Dig/Prep:	3/12/98	Result Units:	%
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Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	51	0
Tetrachloro-m-xylene	103	0

ANALYSIS: X VOC QC Surrogates (Waters)	Method Ref: 5030A/8260A
--	-------------------------

D	0/44/00				
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/11/98	Result Units:	%

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4 4-Bromofluorobenzene Toluene-d8	106 210 103	0
A OTHOLIO MO	103	0

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38554

Accura Project #: 15822

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/25/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOILS

Client Sample ID:

EB-K4

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/16/98

Date Ext/Dig/Prep: 3/16/98

Result Units:

ug/Kg

Analyte Name **Analytical Results** Reported Detection Limits Benzene 930 500 Ethyl benzene 13,000 500 Toluene <RDL 500 **Xylenes** <RDL 500

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/20/98

Date Ext/Dig/Prep: 3/19/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

3,700

1000

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<rdl< td=""><td>5</td></rdl<>	5
Barium	15	5
Cadmium	<rdl< td=""><td>0.5</td></rdl<>	0.5
Chromium	<rdl< td=""><td>5</td></rdl<>	5
Lead	49	5
Selenium	<rdl< td=""><td>5</td></rdl<>	5
Silver	<rdl< td=""><td>5</td></rdl<>	5
Silver	<rdl< td=""><td>5</td></rdl<>	5

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<RDL = Less than Reported Detection Limit

Pg 33 of 48

Client Sample ID: EB-K4

AALSample ID #: AB38554 Accura Project #: 15822

Method Ref: 3550A/8270B

Date Analyzed:

3/23/98

Date Ext/Dig/Prep: 3/20/98

Result Units: ug/Kg

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>80</td></rdl<>	80
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>4</td></rdl<>	4
4,4'-DDE	4.5	2
4,4'-DDT	<rdl< td=""><td>20</td></rdl<>	20
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 34 of 48

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Toxaphene			<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 20 2 100 20 20</th></rdl>	2 2 2 2 2 20 2 100 20 20
ANALYSIS: TCL	P Extraction	Procedure		Method Ref: 1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:
Analyte Name			Analytical Result	Reported Detection Limits
TCLP Extraction			NA	0
TODY EXHIBITION				U
ANALYSIS: TCL	P Mercury			Method Ref: 7470A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/L
Analyte Name			Analytical Result	Reported Detection Limits
Mercury (Reg Limi	t = 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
	ŕ			
ANALYSIS: TCL	P Metals			Method Ref: 3010A/6010B
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98	Result Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Arsenic (Reg Limit	= 5.0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit	= 100.0)		<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Lim	it = 1.0)		<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Lir	nit = 5.0)		<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5	5.0)		<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Lim	it = 1.0)		<rdl< td=""><td>I</td></rdl<>	I
Silver (Reg Limit =	5.0)		<rdl< td=""><td>1</td></rdl<>	1
ANALYSIS: X DI	RO OC Surro	gates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/20/98	Date Ext/Dig/Prep:		Result Units: %
Analyte Name		- -	Analytical Results	Reported Detection Limits
o-Terphenyl			See narrative	-
F				v
ANALYSIS: X PA	AH/BN QC Su	rrogates (Soils)		Method Ref: 3550A/8270B
Date Analyzed:	3/23/98	Date Ext/Dig/Prep:	3/20/98	Result Units: %
Analyte Name			Analytical Results	Reported Detection Limits
2-Fluorobiphenyl			88	0
ACCURA ANALYTICA	L LABORATOR	Y, INC. <rdl< td=""><td>= Less than Reported De</td><td>etection Limit Pg 35 of 48</td></rdl<>	= Less than Reported De	etection Limit Pg 35 of 48

Client Sample ID: EB-K4

AALSample ID #: AB38554 Accura Project #: 15822

Nitrobenzene-d5	0	0
p-Terphenyl-d14	76	0

ANALYSIS:	X	Pest/PCB	OC Surro	gates (Soils)

Method Ref: 3550A/8081/2

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	49	0
Tetrachloro-m-xylene	109	0

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 5030A/8260A

Date Analyzed:

3/16/98

Date Ext/Dig/Prep: 3/16/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	87	0
4-Bromofluorobenzene	140	0
Toluene-d8	99	0

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SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38555

Accura Project #: 15822

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/25/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOILS

Client Sample ID:

EW-K4

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/16/98

Date Ext/Dig/Prep: 3/16/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene

<RDL

25

Ethyl benzene Toluene

<RDL <RDL

25 25

Xylenes

<RDL

25

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/20/98

Date Ext/Dig/Prep: 3/19/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

290

200

ANALYSIS: Metals - Mercury - RCRA

Date Ext/Dig/Prep: 3/6/98

Date Analyzed:

Result Units: mg/Kg

Method Ref: 3050B/6010B

Method Ref: 7471A

Analyte Name

Mercury

Analytical Results

<RDL

0.5

Reported Detection Limits

ANALYSIS: Metals - RCRA

Date Ext/Dig/Prep: 3/6/98

mg/Kg

Date Analyzed:

3/9/98

3/6/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<rdl< td=""><td>5</td></rdl<>	5
Barium	8.1	5
Cadmium	<rdl< td=""><td>0.5</td></rdl<>	0.5
Chromium	<rdl< td=""><td>5</td></rdl<>	5
Lead	16	5
Selenium	<rdl< td=""><td>5</td></rdl<>	5
Silver	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 37 of 48

Client Sample ID: EW-K4

AALSample ID#: AB38555 Accura Project#: 15822

Method Ref: 3550A/8270B

Date Analyzed:

3/23/98

Date Ext/Dig/Prep: 3/20/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>3300</td></rdl<>	3300
2-Methylnaphthalene	<rdl< td=""><td>3300</td></rdl<>	3300
Acenaphthene	<rdl< td=""><td>3300</td></rdl<>	3300
Acenaphthylene	<rdl< td=""><td>3300</td></rdl<>	3300
Anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(b)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(g,h,i)perylene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(k)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Chrysene	<rdl< td=""><td>3300</td></rdl<>	3300
Dibenzo(a,h)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluorene	<rdl< td=""><td>3300</td></rdl<>	3300
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Naphthalene	<rdl< td=""><td>3300</td></rdl<>	3300
Phenanthrene	<rdl< td=""><td>3300</td></rdl<>	3300
Pyrene	<rdl< td=""><td>3300</td></rdl<>	3300

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>40</td></rdl<>	40
PCB-1221	<rdl< td=""><td>80</td></rdl<>	80
PCB-1232	<rdl< td=""><td>80</td></rdl<>	80
PCB-1242	<rdl< td=""><td>40</td></rdl<>	40
PCB-1248	<rdl< td=""><td>40</td></rdl<>	40
PCB-1254	<rdl< td=""><td>40</td></rdl<>	40
PCB-1260	<rdl< td=""><td>40</td></rdl<>	40

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	3.5	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>20</td></rdl<>	20
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 38 of 48

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Total			<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 20 2 100 20 40</th></rdl>	2 2 2 2 2 20 2 100 20 40
ANALYSIS: TCL				Method Ref: 1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98 F	tesult Units:
Analyte Name			Analytical Results	Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCL	P Mercury		M	Method Ref: 7470A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98 F	esult Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLI	P Metals		N	1ethod Ref: 3010A/6010B
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98 F	esult Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Arsenic (Reg Limit			<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit			<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Lim			<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1
Chromium (Reg Linit = 5	-		<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1
Selenium (Reg Limi			<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit =	-		<rdl< td=""><td>1</td></rdl<>	1
ANALYSIS: X DI	RO QC Surrog	ates (Soil)	N	1ethod Ref: 3550A/8015
Date Analyzed:	3/20/98	Date Ext/Dig/Prep:	3/19/98 F	esult Units: %
Analyte Name			Analytical Results	Reported Detection Limits
o-Terphenyl			See narrative	0
ANALYSIS: X PA	.H/BN QC Sur	rogates (Soils)	N	1ethod Ref: 3550A/8270B
Date Analyzed:	3/23/98	Date Ext/Dig/Prep:	3/20/98 F	esult Units: %
Analyte Name			Analytical Results	Reported Detection Limits
2-Fluorobiphenyl			68	0
ACCURA ANALYTICA	L LABORATORY	Y, INC. <rdl< td=""><td>= Less than Reported Det</td><td>ection Limit Pg 39 of 48</td></rdl<>	= Less than Reported Det	ection Limit Pg 39 of 48

Client Sample ID: EW-K4

AALSample ID #: AB38555 Accura Project #: 15822

Nitrobenzene-d5 p-Terphenyl-d14			34 68	0 0
ANALYSIS: X Pe	<u>st/PCB QC St</u> 3/14/98	urrogates (Soils) Date Ext/Dig/Prep:	3/12/98	Method Ref: 3550A/8081/2 Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
Decachlorobiphenyl Tetrachloro-m-xyler			32 99	0 0
ANALYSIS: X VO	OC QC Surro	gates (Waters)		Method Ref: 5030A/8260A
Date Analyzed:	3/16/98	Date Ext/Dig/Prep:	3/16/98	Result Units: %
Analyte Name			Analytical Resul	<u>Reported Detection Limits</u>
1,2-Dichloroethane-			94	0
4-Bromofluorobenze Toluene-d8	ene		142 89	0

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FL Certification # E87429

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USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38556

Accura Project #: 15822

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/25/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOILS

Client Sample ID:

EW-K4-X

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/17/98

Date Ext/Dig/Prep: 3/17/98

Result Units: ug/Kg

Reported Detection Limits Analytical Results Analyte Name <RDL 25 Benzene <RDL 25 Ethyl benzene 25 <RDL Toluene <RDL 25 **Xylenes**

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/19/98

Date Ext/Dig/Prep: 3/19/98

Result Units: mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

69

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

mg/Kg

Analyte Name

Mercury

<RDL

Analytical Results

0.5

Reported Detection Limits

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/6/98

Result Units: mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<rdl< td=""><td>5</td></rdl<>	5
Barium	15	5
Cadmium	<rdl< td=""><td>0.5</td></rdl<>	0.5
Chromium	<rdl< td=""><td>5</td></rdl<>	5
Lead	53	5
Selenium	<rdl< td=""><td>5</td></rdl<>	5
Silver	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 41 of 48

Client Sample ID: EW-K4-X

AALSample ID #: AB38556 Accura Project #: 15822

Method Ref: 3550A/8270B

Date Analyzed:

3/23/98

Date Ext/Dig/Prep: 3/20/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>3300</td></rdl<>	3300
2-Methylnaphthalene	<rdl< td=""><td>3300</td></rdl<>	3300
Acenaphthene	<rdl< td=""><td>3300</td></rdl<>	3300
Acenaphthylene	<rdl< td=""><td>3300</td></rdl<>	3300
Anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(b)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(g,h,i)perylene	<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(k)fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Chrysene	<rdl< td=""><td>3300</td></rdl<>	3300
Dibenzo(a,h)anthracene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluoranthene	<rdl< td=""><td>3300</td></rdl<>	3300
Fluorene	<rdl< td=""><td>3300</td></rdl<>	3300
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>3300</td></rdl<>	3300
Naphthalene	<rdl< td=""><td>3300</td></rdl<>	3300
Phenanthrene	<rdl< td=""><td>3300</td></rdl<>	3300
Pyrene	<rdl< td=""><td>3300</td></rdl<>	3300

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	4.2	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>20</td></rdl<>	20
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 42 of 48

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Te	echnical)		<rdl <rdl="" <rdl<="" th=""><th></th><th>2 2 2 2 2 2 20 2 100 20 20</th></rdl>		2 2 2 2 2 2 20 2 100 20 20
ANALYSIS: TCLI	Extraction I	Procedure		Method Ref:	1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	
Analyte Name			Analytical Results	<u>Rep</u>	orted Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLI	P Mercury			Method Ref:	7470A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:		Result Units:	mg/L
Analyte Name		_	Analytical Results	: Ren	orted Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
manual (reag zama	, v. <u>-</u> ,				
ANALYSIS: TCLI	P Metals			Method Ref:	3010A/6010B
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	mg/L
Analyte Name		-	Analytical Results	Rep	orted Detection Limits
Arsenic (Reg Limit			<rdl< td=""><td></td><td>1</td></rdl<>		1
Barium (Reg Limit			<rdl< td=""><td></td><td>1</td></rdl<>		1
Cadmium (Reg Lim	=		<rdl< td=""><td></td><td>1</td></rdl<>		1
Chromium (Reg Lin			<rdl< td=""><td></td><td>1</td></rdl<>		1
Lead (Reg Limit = 5	-		<rdl< td=""><td></td><td>1</td></rdl<>		1
Selenium (Reg Limi			<rdl< td=""><td></td><td>j 1</td></rdl<>		j 1
Silver (Reg Limit =	5.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
ANALYSIS: X DI	RO QC Surro	gates (Soil)		Method Ref:	3550A/8015
Date Analyzed:	3/19/98	Date Ext/Dig/Prep:	3/19/98	Result Units:	%
Analyte Name			Analytical Results	Rep	orted Detection Limits
o-Terphenyl			90		0
ANALYSIS: X PA	H/BN OC Sp	rrogates (Soils)		Method Ref:	3550A/8270B
Date Analyzed:	3/23/98	Date Ext/Dig/Prep:		Result Units:	%
Analyte Name			Analytical Results	s Ren	orted Detection Limits
2-Fluorobiphenyl			74		0
ACCURA ANALYTICA	L LABORATOR	Y, INC. <rdl< td=""><td>= Less than Reported D</td><td>ctection Limit</td><td>Pg 43 of 48</td></rdl<>	= Less than Reported D	ctection Limit	Pg 43 of 48

Client Sample ID: EW-K4-X

AALSample ID #: AB38556 Accura Project #: 15822

Nitrobenzene-d5 59 0 p-Terphenyl-d14 61 0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)

Method Ref: 3550A/8081/2

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98 Result Units:

Analytical Results Analyte Name Reported Detection Limits Decachlorobiphenyl 39 0 Tetrachloro-m-xylene 100 0

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 5030A/8260A

Date Analyzed:

3/17/98

Date Ext/Dig/Prep: 3/17/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	103	0
4-Bromofluorobenzene	136	0
Toluene-d8	109	0

Accura Analytical Laboratory, Inc.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38558 Accura Project #: 15822

Client: Omega Env. Services - Tucker Date Sampled: 3/3/98

Client Contact: T. SHEPPARD Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042 Date Reported: 3/25/98

Client Project Name: HUNTER AAF FIRE TRAINING AREA Sample Matrix: SOILS

Client Sample ID: METHOD BLANK

ANALYSIS: BTEX Method Ref: 5030A/8260A

Date Ext/Dig/Prep: 3/11/98 3/11/98 Date Analyzed: Result Units: ug/Kg

Analyte Name Analytical Results Reported Detection Limits Benzene <RDL 5 Ethyl benzene <RDL 5 Toluene 5 <RDL **Xylenes** <RDL 5

ANALYSIS: Diesel Range Organics (DRO) Method Ref: 3550A/8015

Date Analyzed: 3/19/98 Date Ext/Dig/Prep: 3/19/98 Result Units: mg/Kg

Analyte Name Analytical Results Reported Detection Limits

Diesel Range Organics (DRO) <RDL 10

ANALYSIS: Metals - Mercury - RCRA Method Ref: 7471A

Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 3/6/98 Result Units: mg/Kg

Analyte Name Analytical Results Reported Detection Limits

<RDL 0.5 Mercury

ANALYSIS: Metals - RCRA Method Ref: 3050B/6010B

3/9/98 Date Ext/Dig/Prep: 3/6/98 Result Units: Date Analyzed: mg/Kg

Reported Detection Limits Analytical Results Analyte Name Arsenic <RDL 5 5 Barium <RDL Cadmium <RDL 0.5 Chromium <RDL 5 5 Lead <RDL Selenium <RDL 5 5 Silver <RDL

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 45 of 48

Client Sample ID: METHOD BLANK

AALSample ID #: AB38558 Accura Project #: 15822

Method Ref: 3550A/8270B

Date Analyzed:

3/21/98

Date Ext/Dig/Prep: 3/20/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 46 of 48

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Toxaphene			<rdl <rdl="" <rdl<="" th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>	2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCL		rocedure		Method Ref: 1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:
Analyte Name			Analytical Results	Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCL	P Mercury			Method Ref: 7470A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Mercury (Reg Limi	t = 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCL	P Metals			Method Ref: 3010A/6010B
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/10/98	Result Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lim Chromium (Reg Lim Lead (Reg Limit = Selenium (Reg Lim Silver (Reg Limit =	= 100.0) it = 1.0) nit = 5.0) 5.0) it = 1.0)		<rdl <rdl="" <rdl<="" td=""><td>1 1 1 1 1 1</td></rdl>	1 1 1 1 1 1
ANALYSIS: X DI	RO QC Surrog	gates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/19/98	Date Ext/Dig/Prep:	3/19/98	Result Units: %
Analyte Name			Analytical Results	Reported Detection Limits
o-Terphenyl			92	0
ANALYSIS: X PA	AH/BN QC Su	rrogates (Soils)		Method Ref: 3550A/8270B
Date Analyzed:	3/21/98	Date Ext/Dig/Prep:	3/20/98	Result Units: %
Analyte Name			Analytical Results	Reported Detection Limits
2-Fluorobiphenyl			64	0
ACCURA ANALYTICA	ACCURA ANALYTICAL LABORATORY, INC. <rdl 47="" 48<="" =="" detection="" less="" limit="" of="" pg="" reported="" td="" than=""></rdl>			

Client Sample ID: METHOD BLANK

AALSample ID #: AB38558 Accura Project #: 15822

Nitrobenzene-d5 p-Terphenyl-d14	57 74	0

ANALYSIS: X Pest/PCB QC Surrogates (Soils)	Method Ref:
--	-------------

Date Analyzed:	3/14/98	Data Ext/Dia/Duam	2/12/00	D. Litt.		
Date Analyzed:	3/14/98	Date Ext/Dig/Prep:	3/12/98	Result Units [,]	%	

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	95	0
Tetrachloro-m-xylene	101	0

ANALYSIS: X VOC QC Surrogates (Waters) Method Ref: 5030A/82	260A
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Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/11/98	Result Units:	%
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Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	90	0
4-Bromofluorobenzene	110	0
Toluene-d8	102	0

Accura Analytical Laboratory, Inc.

3550A/8081/2

13922

6017 Financial Drive, Norcross, GA 30071

Fax # (770) 449-5477 Sample ID 38568 38561 Accura No. AB 38566 AALLab Project# | 5823 Remarks Phone # (770) 449-8800 For Laboratory Use Only くると ACCURA ANALYTICAL LABORATORY, INC. Sample Condition: Billing address: OC Level: N Custody Seal: Client P.O.# CUSTODY Environmental Analytical Services Containers No. of CHAIN OF 138 CH Samplers: (printed) Sample Location: Fax# reserved Xi Ti El irab. duto Sample Date / Time 361 12/08 Report Sent to: (Client Contact): Sangelers: (signature) Contact Phone #/9 Sample ID # EB-HHCompany Name; Project Number: Project Name: EB-1 Address:

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

Special Requirements Or Remarks:

Turnaround Time Requested:

3/4/98 10:00 Date / Time

Received By:

Date / Time

Date / Time

Received By:

Date / Time

Relinguisthed By

Environmental Analytical Services

CUSTODY

CHAIN OF

Fax # (770) 449-5477 6017 Financial Drive, Norcross, GA 30071 Phone # (770) 449-8800

COC97-2.XLS Sample ID 23860 3864 38563 38262 No. AB Accura 38261 Special Requirements Or Remarks: Çσ AAL Lab Project # 15823 Turnaround Time Requested: Der John Charle Q Remarks For Laboratory Use Only: 3/4/98 10:00 Date / Time Date / Time Sample Condition: 6000 1 Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous) OCLevel: N Billing address: Custody Seal: Client P.O. # Containers Received By: Received By: No. of C 3 S 3 3 **₩** Samplers: (printed) Sample Location: 10001 parling Date/Time Date / Time Compression of the Fax# Preserved Matrix Grab duo Sample Date / Time Report Sent to: (Client Contact): Relinquished By: Refunquished By: Samplers: (signature) EW-54 Contact Phone # / Sample ID # ER-J8 EB-JS EB-34 Company Name:, Project Number: Project Name: EB-1 Address:

6017 Financial Drive, Norcross, Georgia, 30071, Phone (770)449-8800

CASE NARRATIVE for Project Number: 15823 Client Project: Hunter AAF Fire Training Area / DACA21-97-C-0042

The following items were noted concerning this project:

I. The following samples required dilution due to high analyte concentration and/or matrix interference, resulting in elevated detection limits:

	EB-19	EB-11	EB-18
		S108-948-W	DKO - 2/
LAGT	co ata	0.0 55	10.55
EB-1d	EB-12	EB-19	EB-11
		-846-8270B	WS - HAG
EB-H∢	EB-18	EB-17	EB-18
		¥0928-948-W	\overline{BLEX} - \overline{SA}

2. The following surrogate recoveries were outside the method specified limits due to matrix interference:

1,2-Dichloroethane-d4	EB-H4			
Toluene-d8	EB-12	EM-14	EB-H¢	EB-I d
4-Bromofluorobenzene-	EB-17	EB-14 EB-19	EB-14	EM-14

3. One surrogate recovery was outside the method specified limits for following samples:

EB-14	EB-12	EB-10	Vitrobenzene-d5-
			80728-846-8270B

The remaining surrogates were within acceptable limits; therefore the data satisfies the method requirements.

4. The surrogates were diluted out for the following samples; therefore no recoveries could be reported:

EB-18 EB-12 EB-19 DKO - 2M-849-8012

Quality Assurance Client Services Representative	
E B-1 ¢	
The DRO hit in the following sample appears to be a heavy hydrocarbon such as an oil:	.6
EB-18 EB-12 EM-14 EB-H4	
The DRO hits in the following samples appear to be a mixture of a light hydrocarbon such as a kerosene and a heavy hydrocarbon such as an oil:	.8
EB-11	
The DRO hit in the following sample appears to be a light hydrocarbon such as a kerosene:	٠.٢
The results for these samples should not be affected.	
BLEX - 2M-846-8760A BLEX - 2M-846-8760A EB-14 EB-14 EB-14 EB-14	
The response of one or more internal standards was outside the method specified limit for the following samples due to matrix interference:	.9
EB-18 EB-1\\ EB-1\Q EB-1\Q EB-1\Q EB-1\q EB-1\q EB-1\q \\ EB-1\q \\ EB-1\q \\ EB-1\q EB-1\q \\ \\ EB-1\q \\ \\ EB-1\q \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \	

The detection limits for the following samples were elevated due to matrix interference:

,ς

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LABORATORY REPORT

ς		<kdl< th=""><th></th><th></th><th>Silver</th></kdl<>			Silver
ς		<bdl <<="" td=""><td></td><td></td><td>Selenium</td></bdl>			Selenium
ς		<bdl< td=""><td></td><td></td><td>Lead</td></bdl<>			Lead
ç		<bdl< td=""><td></td><td></td><td>Chromium</td></bdl<>			Chromium
¿.0		<bdl< td=""><td></td><td></td><td>Cadmium</td></bdl<>			Cadmium
ς ς		TI <kdf< td=""><td></td><td></td><td>Arsenic Barium</td></kdf<>			Arsenic Barium
orted Detection Limits	ı <u>lt</u> z <u>Keb</u>	Analytical Resu			Analyte Vame
mg/Kg	Result Units:	86/9/E	Date Ext/Dig/Prep:	86/6/€	Date Analyzed:
3020B\6010B	Method Ref:			ls - RCRA	ANALYSIS: Meta
2.0		<kdl< td=""><td></td><td></td><td>Mercury</td></kdl<>			Mercury
	dovi em				
orted Detection Limits		Analytical Resu			Analyte Name
gX/gm	Result Units:	86/9/€	Date Ext/Dig/Prep:	86/9/8	Date Analyzed:
YI <i>L</i> t/	Method Ref:		BCBA	ls - Mercury -	ANALYSIS: Meta
00\$		009'I		ics (DRO)	Diesel Range Orgar
orted Detection Limits	ग्राह्य हिट्टी	Analytical Rest			Analyte Name
gX/gm	Result Units:	3/17/88	Date Ext/Dig/Prep:	86/41/8	Date Analyzed:
\$\$\$08\A0225	Method Ref:		nics (DRO)	d Range Organ	ANALYSIS: Diese
1300		<kdl< td=""><td></td><td></td><td>Xylenes</td></kdl<>			Xylenes
1300		<kdf< td=""><td></td><td></td><td>Loluene</td></kdf<>			Loluene
1300		13,000			Ethyl benzene
1300		1,300			Benzene
orted Detection Limits	njra <u>K</u> et	Analytical Resu			Analyte Vame
ug/Kg	Result Units:	86/9/€	Date Ext/Dig/Prep:	86/9/E	Date Analyzed:
\$030A/8260A	Method Ref:			X	VALVEIS: BTE
	· · · · · · · · · · · · · · · · · · ·			EB-38	Client Sample D:
ole Matrix; SOIL	Samp	G AREA	ААР РІКЕ ТКАІМІМ	е: НОИТЕК	Client Project Mam
Reported: 3/19/98	Date		-97-C-0042	per: DACA21	Client Project Num
Received: 3/4/98	Date			: SHEPPARD	Client Contact: T
Sampled: 3/3/98	Date		[neget.	r. Services - T	Client: Omega E
: 12873	eura Project h	юĄ	VB38260	smple ID #:	Accura S
		A KETUKI	LABUKA I UI		

Client Sample ID: BB-18

ACCURA ANALYTICAL LABORATORY, INC.

AALSample ID #: AB38560 Accura Project #: 15823

<RDL = Less than Reported Detection Limit

0≯ lo l gq

ccura Project#: 15823	/ALSample ID #: AB38560 A		Client Sample ID: EB-18		
04 to 2 gq	ess than Reported Detection Limit	IAC' < $BD\Gamma = \Gamma$	ACCURA ANALYTICAL LABORATORY, INC.		
7	<kdl< td=""><td></td><td>delta-BHC</td></kdl<>		delta-BHC		
7	<kdl< td=""><td></td><td>peta-Endosulfan</td></kdl<>		peta-Endosulfan		
7	<bdl< td=""><td></td><td>pets-BHC</td></bdl<>		pets-BHC		
7	<bdl< td=""><td></td><td>alpha-Endosulfan</td></bdl<>		alpha-Endosulfan		
7	<kdf< td=""><td></td><td>alpha-BHC</td></kdf<>		alpha-BHC		
7	<bdl< td=""><td></td><td>Aldrin</td></bdl<>		Aldrin		
9	<bdl< td=""><td></td><td>4't-DDL</td></bdl<>		4't -DDL		
7	<bdl <<="" td=""><td></td><td>†'t، DDE</td></bdl>		†'t ، DDE		
7	<bdl< td=""><td></td><td>4'4,-DDD</td></bdl<>		4'4,-DDD		
ported Detection Limits	nalytical Results Rel	₹	Analyte Name		
g≯/gu	%/98 Result Units:	Date Ext/Dig/Prep: 3	Date Analyzed: 3/7/98		
A1808\A022E	Method Ref:		ANALYSIS: Pesticides		
04	<bdl< td=""><td></td><td>bCB-1700</td></bdl<>		bCB-1700		
0₺	<bdl< td=""><td></td><td>bCB-1524</td></bdl<>		bCB-1524		
0₺	<&DF		FCB-1248		
07	<kdf< td=""><td></td><td>PCB-1242</td></kdf<>		PCB-1242		
08	<bdf< td=""><td></td><td>PCB-1232</td></bdf<>		PCB-1232		
08	<bdf< td=""><td></td><td>PCB-1221</td></bdf<>		PCB-1221		
04	<rdl< td=""><td></td><td>bCB-1019</td></rdl<>		bCB-1019		
ported Detection Limits	nalytical Results <u>Re</u>	$\overline{\mathcal{I}}$	Analyte Mame		
ng/Kg	86/S/98 Result Units:	Date Ext/Dig/Prep: 3	Date Analyzed: 3/7/98		
3550A/8082	Method Ref;		VAVLYSIS: PCB's		
330	<bdl< td=""><td></td><td>Pyrene</td></bdl<>		Pyrene		
330	400		Phenanthrene		
330	<bdl <<="" td=""><td></td><td>Naphthalene</td></bdl>		Naphthalene		
330	<bdl <<="" td=""><td></td><td>Indeno(1,2,3-cd)pyrene</td></bdl>		Indeno(1,2,3-cd)pyrene		
330	<kdl< td=""><td></td><td>Fluorene</td></kdl<>		Fluorene		
330	<kdf< td=""><td></td><td>Fluoranthene</td></kdf<>		Fluoranthene		
330	<kdl< td=""><td></td><td>Dibenzo(a,h)anthracene</td></kdl<>		Dibenzo(a,h)anthracene		
330	<bdl <<="" td=""><td></td><td>Chrysene</td></bdl>		Chrysene		
330	<bdl< td=""><td></td><td>Benzo(k)fluoranthene</td></bdl<>		Benzo(k)fluoranthene		
330	<bdf< td=""><td></td><td>Benzo(g,h,i)perylene</td></bdf<>		Benzo(g,h,i)perylene		
330	<bdl< td=""><td></td><td>Benzo(b)fluoranthene</td></bdl<>		Benzo(b)fluoranthene		
330	<kdl< td=""><td></td><td>Benzo(a)pyrene</td></kdl<>		Benzo(a)pyrene		
330	<bdl< td=""><td></td><td>Benzo(a)anthracene</td></bdl<>		Benzo(a)anthracene		
330	<bdf< td=""><td></td><td>Anthracene</td></bdf<>		Anthracene		
330	<bdf <bdf<="" td=""><td></td><td>Acenaphthylene</td></bdf>		Acenaphthylene		
330	<bdf <bdf< td=""><td></td><td>Acensphthene</td></bdf<></bdf 		Acensphthene		
330	09\$		Z-Methylnaphthalene		
330	7,400		1-Methylnaphthalene		
ported Detection Limits		7	Analyte Name		
as/Kg	/16/98 Result Units:	Date Ext/Dig/Prep:	Date Analyzed: 3/18/98		
3550A/8270B			VALVSIS: PAH's		
3550A/8270B	Hethod Ref:		ANALYSIS: PAH's		

50821 .H tooiond muro					a distant
—————————————————————————————————————	Detection Limit	- Less than Reported	X' INC: <bdf =<="" td=""><td>АL LABORATO<i>R</i></td><td>ACCURA ANALYTICA</td></bdf>	АL LABORATO <i>R</i>	ACCURA ANALYTICA
0		89			2-Fluorobiphenyl
orted Detection Limits	<u>Rep</u>	Analytical Resu			Analyte Mame
%	Result Units:	86/91/8	Date Ext/Dig/Prep:	86/81/8	Date Analyzed:
3220A/8270B	Method Ref:		rrogates (Soils)	NE OC 2 ⁿ	VAVEVSIS: X E
0	241	See narrat			o-Terphenyl
orted <u>Detection Limits</u>		Analytical Resu			Analyte Name
			dorr Branza ana	0.675.1.6	Date Analyzed:
% C109740CCC	Method Ref: Result Units:	3/17/68	<u> </u>	36/71/E	VANTASIS: X D
5108/ V 055C	And hothald	•	(1:03) 50402	·•·····s 50 0 a	Q A SISATINI
I		<kdl< td=""><td></td><td></td><td>Silver (Reg Limit =</td></kdl<>			Silver (Reg Limit =
I		<bdl< td=""><td></td><td></td><td>Selenium (Reg Lim</td></bdl<>			Selenium (Reg Lim
Ĭ		$<$ $\!K$ D $\!\Gamma$		(0.8	Lead (Reg Limit =
I		<bdl< td=""><td></td><td>(0.c = 1)</td><td>Chromium (Reg Li</td></bdl<>		(0.c = 1)	Chromium (Reg Li
ī		<bdl< td=""><td></td><td>(0,1=)ir</td><td>Cadmium (Reg Lin</td></bdl<>		(0,1=)ir	Cadmium (Reg Lin
I		<bdl< td=""><td></td><td></td><td>Barium (Reg Limit</td></bdl<>			Barium (Reg Limit
ī		<bdi <kdi< td=""><td></td><td></td><td>Arsenic (Reg Limit</td></kdi<></bdi 			Arsenic (Reg Limit
i		I/I d>		(0)	r; un; 1 σσ α) σ; unou γ
orted Detection Limits	ाहर <u>प्र</u> et	Analytical Resu			Analyte Name
J\gm	Result Units:	86/01/8	Date Ext/Dig/Prep:	36/01/8	Date Analyzed:
3010A/6010B	Method Ref:			P Metals	VALVEIS: TCL
. 1:0		TI CONS		(7'0 – 1	Mercury (Reg Lim
1.0	T	<bdf< td=""><td></td><td>(C 0 = 4)</td><td></td></bdf<>		(C 0 = 4)	
orted Detection Limits		Analytical Resu			Analyte Name
		86/9/€	Date Ext/Dig/Prep:		
₩0.447	Method Ref:			vruoraM 4	ANALYSIS: TCL
0		ΨN			TCLP Extraction
orted Detection Limits	गुह्र हिंदी	Analytical Resu			Analyte Name
	Result Units:	86/\$/8	Date Ext/Dig/Prep:	86/\$/8	Date Analyzed:
1151	Method Ref:		Procedure	P Extraction	VAVLYSIS: TCI
70		<ßDΓ		_	Toxaphene
70		<kdl< td=""><td></td><td>(lsoindoə</td><td>T) ansbrold Chlordane (T</td></kdl<>		(lsoindoə	T) ansbrold Chlordane (T
10		<bdl< td=""><td></td><td></td><td>Methoxychlor</td></bdl<>			Methoxychlor
7		<kdl< td=""><td></td><td>6</td><td>Heptachlor epoxide</td></kdl<>		6	Heptachlor epoxide
7		<bdf< td=""><td></td><td></td><td>Heptachlor</td></bdf<>			Heptachlor
		<bdi <bdi< td=""><td></td><td></td><td>gamma-BHC</td></bdi<></bdi 			gamma-BHC
7					Vaa ammaa
7					
7		<kdl< td=""><td></td><td></td><td>Endrin aldehyde</td></kdl<>			Endrin aldehyde
		<bdf <bdf< td=""><td></td><td></td><td>Endrin aldehyde</td></bdf<></bdf 			Endrin aldehyde
7		<kdl< td=""><td></td><td></td><td>Endrin aldehyde</td></kdl<>			Endrin aldehyde
7 7		<bdf <bdf< td=""><td></td><td></td><td>Endrin aldehyde</td></bdf<></bdf 			Endrin aldehyde

AALSample ID #: AB38560 Accura Project #: 15823

Client Sample ID: EB-18

a/A/halytical Laboratory, Inc.	nooA			
Jeanshar Lander				
0	117			Toluene-d8
0	\$11		еие	4-Bromofluorobenz
0	18		₽P-	I,2-Dichloroethane
Reported Detection Limits	Analytical Results			Analyte Name
% :stinU	3/6/98 Result I	Date Ext/Dig/Prep:	86/9/€	Date Analyzed:
20 'stial	1 4 1 1 8 0 1 9 1 E	ם ישיעם ישי	00/5/0	
	Method Method			ANALYSIS: X VO
0 A05C8 3260A	у Д.С.		OC OC Surro	Tetrachloro-m-xyle
1Ref: 8260A	Method		OC OC Surro	OA X SISATVNV
0 A05C8 3260A	у Д.С.		OC OC Surro	Tetrachloro-m-xyle
Reported Detection Limits 0 0 1 Ref: 8260A	Method 77		OC OC Surro	Decachlorobipheny Tetrachloro-m-xyle
Units: % Reported Detection Limits 0 0 0 1Ref: 8260A	Analytical Results 69 77 Method	Date Ext/Dig/Prep:	3/7/98 I ne OC QC Surro	Analyte Name Decachlorobipheny Tetrachloro-m-xyle

†9

AALSample ID #: AB38560 Accura Project #: 15823

Nitrobenzene-d5

6017 Financial Drive, Morcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429 MC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38561 Accura Project #: 15823

Client: Omega Env. Services - Tucker

Client Contact: T. SHEPPARD

Client Project Number: DACA21-97-C-0042

Client Project Number: DACA21-97-C-0042

Client Project Sample ID: EB-J7

Client Sample ID: EB-J7

Client Sample ID: EB-J7

ANALYSIS: BTEX

ANALYSIS: BTEX

Date Analyzed: 3/9/98

Date Ext/Dig/Prep: 3/9/98

Result Units: ug/Kg

 Date Analyzed:
 3/9/98
 Date Ext/Dig/Prep:
 3/9/98
 Result Units:
 ug/Kg

 Benzene
 3,400
 1300

 Ethyl benzene
 26,000
 1300

 Toluene
 1300

 Toluene
 1300

 ANALYSIS:
 Diesel Range Organics (DRO)

 Date Analyzed:
 3/15/98
 Date Ext/Dig/Prep:
 3/12/98
 Result Units:
 mg/Kg

Analyte Name Reported Detection Limits

007'7

1,400

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Ext/Dig/Prep: 3/6/98

Analytic Mame Results Results Reported Detection Limits

Mercury <RDL 0.5

Wetple: Wetals - RCRA

Wetple - RCRA

Date Ext/Dig/Prep: 3/6/98

86/6/8

86/9/€

Date Analyzed:

Date Analyzed:

Xylenes

Diesel Range Organica (DRO)

Analytical Results Reported Detection Limits

mg/Kg

1000

1300

Result Units:

Result Units: mg/Kg

ς <BDL < Silver ς <BDL < Selenium ς **þ**'9 read ς <BDL < Chromium ζ,0 <BDL Cadmium ς εI Barium ς <BDF **ainsen**A

ACCURA ANALYTICAL LABORATORY, INC. <RDL = Less than Reported Detection Limit Pg 5 of 40 Client Sample ID: EB-J7 Accura Project #: 15823

	A 19885HA :# GI slambSJAA		Client Sample ID: EB-17			
04 10 8 gq	Detection Limit	-KADL = Less than Reported Detection Limit		ACCURA ANALYTICAL LABORATORY, INC.		
7		<kdl< td=""><td></td><td></td><td>delta-BHC</td></kdl<>			delta-BHC	
7		<bdl< td=""><td></td><td></td><td>beta-Endosulfan</td></bdl<>			beta-Endosulfan	
t		<bdl< td=""><td></td><td></td><td>beta-BHC</td></bdl<>			beta-BHC	
7		<bdf< td=""><td></td><td></td><td>alpha-Endosulfan</td></bdf<>			alpha-Endosulfan	
7		<bdl< td=""><td></td><td></td><td>alpha-BHC</td></bdl<>			alpha-BHC	
7		<bdl td="" ·<=""><td></td><td></td><td>nirblA</td></bdl>			nirblA	
9		<bdl< td=""><td></td><td></td><td>ላ'ተ፦DDL</td></bdl<>			ላ'ተ፦DDL	
7		<bdl< td=""><td></td><td></td><td>''t₁-DDE</td></bdl<>			''t₁ -DDE	
7		<bdl< td=""><td></td><td></td><td>ተ'ተDDD</td></bdl<>			ተ ' ተ DDD	
ported Detection Limits	ts Re	Analytical Resu			Analyte Name	
g≯\⁄gu	Result Units:	86/\$/8	te Ext/Dig/Prep:	3/ <i>1</i> /88 D ^g	Date Analyzed:	
A1808\A022E	Method Ref:			şəj	ANALYSIS: Pesticio	
0 <i>t</i> ⁄		<bdl< td=""><td></td><td></td><td>ЬСВ-1760</td></bdl<>			ЬСВ-1760	
07		<bdl< td=""><td></td><td></td><td>ЬCB-152₫</td></bdl<>			ЬCB-152₫	
0₺		$<\!\! \mathrm{KD}\Gamma$			ЬСВ - 15√8	
04		<bdf< td=""><td></td><td></td><td>bCB-1545</td></bdf<>			bCB-1545	
08		<bdf< td=""><td></td><td></td><td>ECB-1535</td></bdf<>			ECB-1535	
08		<bdf< td=""><td></td><td></td><td>FCB-1221</td></bdf<>			FCB-1221	
0₺		<bdl< td=""><td></td><td></td><td>bCB-1010</td></bdl<>			b CB-1010	
ported Detection Limits	<u>Re</u>	Analytical Resu			Analyte Name	
3X/gu	Result Units:	86/\$/£	te Ext/Dig/Prep:	3/ <i>1</i> /88 D ⁹	Date Analyzed:	
3850≜/8082	Method Ref:		_		VAVLYSIS: PCB's	
3300		<kdl< td=""><td></td><td></td><td>Pyrene</td></kdl<>			Pyrene	
3300		<bdl< td=""><td></td><td></td><td>Phenanthrene</td></bdl<>			Phenanthrene	
3300		<bdl <<="" td=""><td></td><td></td><td>Naphthalene</td></bdl>			Naphthalene	
3300		<bdl <<="" td=""><td></td><td>ગ</td><td>iordeno(1,2,3-cd)pyre</td></bdl>		ગ	iordeno(1,2,3-cd)pyre	
3300		<bdl <bdl< td=""><td></td><td></td><td>Fluorene</td></bdl<></bdl 			Fluorene	
3300		<kdl< td=""><td></td><td></td><td>Fluoranthene</td></kdl<>			Fluoranthene	
3300		<bdf <bdf< td=""><td></td><td>əu</td><td>Dibenzo(a,h)anthrace</td></bdf<></bdf 		əu	Dibenzo(a,h)anthrace	
3300		<bdf <bdf< td=""><td></td><td></td><td>Chrysene</td></bdf<></bdf 			Chrysene	
3300		<bdf <bdf< td=""><td></td><td>:</td><td>c. Benzo(k)fluoranthene</td></bdf<></bdf 		:	c. Benzo(k)fluoranthene	
3300		<bdi <bdi< td=""><td></td><td></td><td>Benzo(g,h,i)perylene</td></bdi<></bdi 			Benzo(g,h,i)perylene	
3300		<bdi <bdi< td=""><td></td><td>;</td><td>Benzo(b)fluoranthene</td></bdi<></bdi 		;	Benzo(b)fluoranthene	
3300		<bdf <bdf< td=""><td></td><td></td><td>Benzo(a)pyrene</td></bdf<></bdf 			Benzo(a)pyrene	
3300		 			Benzo(a)anthracene	
3300		<bdi <kdγ< td=""><td></td><td></td><td>Апфиясепе</td></kdγ<></bdi 			Апфиясепе	
3300		<bdf <bdf< td=""><td></td><td></td><td>Acenaphthylene</td></bdf<></bdf 			Acenaphthylene	
3300		<bdf <bdf< td=""><td></td><td></td><td>Acenaphthene</td></bdf<></bdf 			Acenaphthene	
3300		001,8			y consultablinaphthalene	
3300		001.8			1-Methylnaphthalene	
ported Detection Limits	lts <u>Re</u>	Analytical Resu			Analyte Name	
ng/Kg	Result Units:	86/91/£	te Ext/Dig/Prep:	3/18/98 DS	Date Analyzed:	
3550A/8270B	Method Ref:				ANALYSIS: PAH's	

15873	A 1338561 .4 (11 algues 14 A	Li da idi quasi yasiis
04 To 7 gq	Jess than Reported Detection Limit	ACCURA ANALYTICAL LABORATORY, INC. <rdl =<="" td=""></rdl>
0	<i></i> ⊅ <i>L</i>	Z-Fluorobiphenyl
ported Detection Limits	Analytical Results Re	Analyte Name
%	3/16/98 Result Units:	Date Analyzed: 3/18/98 Date Ext/Dig/Prep:
3550A/8270B	Method Ref:	ANALYSIS: X PAH/BN QC Surrogates (Soils)
0	See narrative	o-Terphenyl
ported Detection Limits	Analytical Results Rep	Analyte Name
%	3/12/98 Result Units:	Date Analyzed: 3/15/98 Date Ext/Dig/Prep:
3108/A022E	Method Ref:	ANALYSIS: X DRO OC Surrogates (Soil)
I I I I I I I I I	Analytical Results Res	Arsenic (Reg Limit = 5.0) Arsenic (Reg Limit = 100.0) Barium (Reg Limit = 1.0) Chromium (Reg Limit = 5.0) Lead (Reg Limit = 5.0) Selenium (Reg Limit = 1.0) Selenium (Reg Limit = 1.0) Silver (Reg Limit = 1.0)
7/8ഡ	3/10/98 Result Units:	Date Analyzed: 3/10/98 Date Ext/Dig/Prep:
3010A/6010B	Method Ref:	ANALYSIS: TCLP Metals
ported Detection Limits 0.1	≺KDF <u>∀usjλticsj Kesnits</u> <u>Ke</u> l	Analyte Name Mercury (Reg Limit = 0.2)
		Date Analyzed: 3/6/98 Date Ext/Dig/Prep:
	Method Ref:	ANALYSIS: TCLP Mercury Dots Anglyzed: 346408 Dots Evillis/Prepr
		Wallan W.V.T. ACTO A
ported Detection Limits 0	<u>Analytical Results </u>	Analyte Name TCLP Extraction
atimi I noitaeted betron		·
IISI	3/5/98 Result Units:	ANYLYSIS: TCLP Extraction Procedure Date Analyzed: 3/5/98 Date Ext/Dig/Prep:
	J. C. P. P. P.	
50	<kdl< td=""><td>Тохарћепе</td></kdl<>	Тохарћепе
50	<bdl <<="" td=""><td>Total Chlordane (Technical)</td></bdl>	Total Chlordane (Technical)
01	<bdl< td=""><td>Мейохусию Торимой органия</td></bdl<>	Мейохусию Торимой органия
7	<bdl< td=""><td>Heptachlor epoxide</td></bdl<>	Heptachlor epoxide
7	<kdl< td=""><td>Heptachlor</td></kdl<>	Heptachlor
7	<bdl< td=""><td>ватта-ВНС</td></bdl<>	ватта-ВНС
7	<kdl< td=""><td>Endrin aldehyde</td></kdl<>	Endrin aldehyde
7	<bdl< td=""><td>Endrin</td></bdl<>	Endrin
7	 KDL	Endosulfan sulfate
7	<kdl< td=""><td>Dieldrin</td></kdl<>	Dieldrin

AALSample ID#: AB38561 Accura Project#: 15823

Client Sample ID: EB-17

		W/	hamether
Toluene-d8	801		0
4-Bromofluorobenzene	153		0
Pb-enstheroethane-d4	66		0
Analyte Name	Analytical Resu	nits Rep	orted Detection Limits
Date Analyzed: 3/9/98 Date Ext/Dig/Prep:	86/6/8	Result Units:	%
ANALYSIS: X VOC OC Surrogates (Soils)		Method Ref:	\$260A
Tetrachloro-m-xylene	89		0
Decachlorobiphenyl	91⁄7		0
Analyte Name	Analytical Resi	श्राह्य हिस्स	ported Detection Limits
Date Analyzed: 3/7/98 Date Ext/Dig/Prep:	86/\$/£	Result Units:	%
ANALYSIS: X Pest/PCB QC Surrogates (Soils)		Method Ref:	3550A/8081/2
p-Terphenyl-d14	0٤		0

68

04 lo 8 gq

Client Sample ID: EB-J7

Vitrobenzene-d5

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Accura Analytical Laboratory, Inc.

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USACE-MRD Approved SC Certification # 98015 FL Certification # E87429 NC Certification # 483 6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

LABORATORY REPORT

	,:1;,,-d	 			
ς		<kdf< th=""><th></th><th></th><th>Silver</th></kdf<>			Silver
ς		<bdl< td=""><td></td><td></td><td>Selenium</td></bdl<>			Selenium
ς		٤.3			Lead
ç		<bdl< td=""><td></td><td></td><td>Chromium</td></bdl<>			Chromium
<i>c</i> .0		<bdl< td=""><td></td><td></td><td></td></bdl<>			
ç		13			Barium
ς		<kdl< td=""><td></td><td></td><td>Arsenic</td></kdl<>			Arsenic
orted Detection Limits	ı <u>lta</u> <u>Kel</u>	Analytical Resu			Analyte Vame
mg/Kg	Result Units:	86/9/8	Date Ext/Dig/Prep:	86/6/8	Date Analyzed:
3020B/6010B	Method Ref:		<u></u>	- BCBA	ANALYSIS: Metals
٥.0		<bdl< td=""><td></td><td></td><td>Mercury</td></bdl<>			Mercury
oorted Detection Limits	<u>Rel</u>	Analytical Resu			Analyte Vame
gX/gm	Result Units:	86/9/8	Date Ext/Dig/Prep:	86/9/٤	Date Analyzed:
YI <i>LħL</i>	Method Ref:		SCBA	- Mercury - I	ANALYSIS: Metals
1000		00 7 ' <i>L</i>		s (DKO)	Diesel Range Organio
ported Detection Limits	गुरह <u>ह</u> ि	Analytical Resu			Analyte Mame
ß√Kg	Result Units:	3/17/88	Date Ext/Dig/Prep:	86/51/6	Date Analyzed:
\$108\A022£	Method Ref:		ics (DKO)	Капде Огдап	VAVLYSIS: Diesel
1300		000,82			хујепез
1300		SUDD SEDE			Toluene
1300		32,000			Ethyl benzene
1300		3,900			Benzene
ported Detection Limits	<u>1fts</u> <u>Re</u>	Analytical Resu			Analyte Vame
3⊁/gn	Result Units:	86/6/£	Date Ext/Dig/Prep:	86/6/€	Date Analyzed:
A030A/8260A	Method Ref:				VALESIS: BLEX
				EB-19	Client Sample ID:
ple Matrix: SOIL	lms2	G AREA	AAF FIRE TRAININ		Client Project Name:
Reported: 3/19/98	Date		7 - 7-0042	DACA21-	Client Project Numbe
Received: 3/4/98				ЗНЕЪЬ∀КЪ	
Sampled: 3/3/98			тскет.	. Services - Ti	Client: Omega Env
CTOCT 11	tra Project #	33W	7000CTV	ubje ID #:	ike kinoow
£6831 ·F	+ tooloud gull	γ	V B38EKJ	'# UL Jun	- S UMINO Y

AALSample ID #: AB38562 Accura Project #: 15823

<RDL = Less than Reported Detection Limit</p>

04 lo 9 gq

Client Sample ID: EB-16

ACCURA ANALYTICAL LABORATORY, INC.

ccura Project #: 15823	#: VB38295 V	AALSample ID		91-8	Client Sample ID: EI
04 to 01 gq	Detection Limit	- Less than Reported	4C' <kdf =<="" th=""><th>л гавокатоку, г</th><th>ACCURA ANALYTICA</th></kdf>	л гавокатоку, г	ACCURA ANALYTICA
7		<bdl< td=""><td></td><td></td><td>delta-BHC</td></bdl<>			delta-BHC
7		<kdl< td=""><td></td><td></td><td>beta-Endosulfan</td></kdl<>			beta-Endosulfan
7		<kdl< td=""><td></td><td></td><td>peta-BHC</td></kdl<>			peta-BHC
7		<bdl< td=""><td></td><td></td><td>alpha-Endosulfan</td></bdl<>			alpha-Endosulfan
7		<bdl< td=""><td></td><td></td><td>alpha-BHC</td></bdl<>			alpha-BHC
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7		<bdl< td=""><td></td><td></td><td>4'4'-DDD</td></bdl<>			4'4'-DDD
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A1808\A0225	Method Ref:			səpic	ANALYSIS: Pestio
50		<kdl< td=""><td></td><td></td><td>bCB-1700</td></kdl<>			bCB-1700
70		<bdl< td=""><td></td><td></td><td>PCB-1254</td></bdl<>			PCB-1254
70		<kdf< td=""><td></td><td></td><td>LCB-1748</td></kdf<>			LCB-1748
70		<bdl< td=""><td></td><td></td><td>bCB-1545</td></bdl<>			bCB-1545
08		<bdl <bdl< td=""><td></td><td></td><td>PCB-1232</td></bdl<></bdl 			PCB-1232
08		<bdf <bdf< td=""><td></td><td></td><td>PCB-1221</td></bdf<></bdf 			PCB-1221
08		<bdf <bdf< td=""><td></td><td></td><td>PCB-1016</td></bdf<></bdf 			PCB-1016
orted Detection Limits	नेका छा	Analytical Resu			Analyte Name
ug/Kg	Result Units:	86/5/8	Date Ext/Dig/Prep:		Date Analyzed:
7808/∀055€	Method Ref:			S	VANALYSIS: PCB'
3300		<bdf< td=""><td></td><td></td><td>Pyrene</td></bdf<>			Pyrene
3300		<bdf< td=""><td></td><td></td><td>Phenanthrene</td></bdf<>			Phenanthrene
3300		000'11			Maphthalene
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3300		<bdl< td=""><td></td><td></td><td>Fluorene</td></bdl<>			Fluorene
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3300		<bdl< td=""><td></td><td>əuəc</td><td>Dibenzo(a,h)anthrac</td></bdl<>		əuəc	Dibenzo(a,h)anthrac
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3300		<bdl <bdl< td=""><td></td><td></td><td>Benzo(b)fluoranther</td></bdl<></bdl 			Benzo(b)fluoranther
3300		<bdi <bdi< td=""><td></td><td></td><td>Benzo(a)pyrene</td></bdi<></bdi 			Benzo(a)pyrene
3300		<bdi <bdf< td=""><td></td><td></td><td>Benzo(a)anthracene</td></bdf<></bdi 			Benzo(a)anthracene
3300		<bdi <kdf< td=""><td></td><td></td><td>Anthracene</td></kdf<></bdi 			Anthracene
3300		 			Acenaphthylene
		 			Acenaphthene
3300				21	Z-Methylnaphthalen
3300		000°LZ			I-Methylnaphthalen
3300	<u> </u>	72,000		J 1	
orted Detection Limits	its Ret	Analytical Resu			Analyte Name
8≯\Kg	Result Units:	86/91/8	Date Ext/Dig/Prep:	3/18/68	Date Analyzed:

Method Ref: 3550A/8270B

ANALYSIS: PAH's

2000 2000	ccura Project #: 15823	AALSample ID#: AB38562 A	Client Sample ID: EB-16
Date Analyze Alams Separatine autistic Separatine autistic Separatine autistic Separatine autistic Separatine Separatin	04 to 11 gq	= Less than Reported Detection Limit	ACCURA ANALYTICAL LABORATORY, INC. <rdl< td=""></rdl<>
Pate Arabity Pate	0	<i>L</i> 01	Z-Fluorobiphenyl
Second continue of the conti	stimid Detection Limits	Analytical Results Re	Analyte Name
Endonlifina sulfate Cachine Ca	%	3/16/98 Result Units:	Date Analyzed: 3/18/98 Date Ext/Dig/Prep:
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Many Many, Inc.				
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0	133		əuəz	4-Bromofluorobenz
0	901			1,2-Dichloroethane
Reported Detection Limits			••	Analyte Name
% ;si	3/9/98 Result Unit	Date Ext/Dig/Prep:	86/6/E	Date Analyzed:
A0928 :3	Method Re	(SlioZ) səfeg	OC OC Surro	A X :SISXTVNV
0 0	9L +S			Decachlorobipheny Tetrachloro-m-xyle
Reported Detection Limits	Analytical Results			Analyte Name
% :sı	3/5/98 Result Unit	Date Ext/Dig/Prep:	86/L/E	Date Analyzed:
Z/1808/V022£ :3:	Method Re	urrogates (Soils)	est/PCB QC S	ANALYSIS: X P
0	98			b-Terphenyl-d14

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04 to SI 39

Client Sample ID: EB-16

 $Nitrobenzene\hbox{-}d5$

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

Date Ext/Dig/Prep: 3/6/98 86/9/8 Date Analyzed: Result Units: mg/Kg ANALYSIS: Metals - Mercury - RCRA Method Ref: 7471A Diesel Range Organics (DRO) 01 9€ Analytical Results Reported Detection Limits Analyte Name Date Ext/Dig/Prep: 3/12/98 Date Analyzed: Result Units: mg/Kg 86/91/8 ANALYSIS: Diesel Range Organics (DRO) Method Ref: 3550A/8015 Xylenes <BDL < ς ς <BDF Toluene Ethyl benzene ς <BDF Benzene 91 Analyte Name Analytical Results Reported Detection Limits Date Ext/Dig/Prep: 3/7/98 Date Analyzed: Result Units: ug/Kg 86/L/E **VALYSIS: BTEX** Method Ref: 5030A/8260A **EB-12** Client Sample D: Sample Matrix: SOIL HUNTER AAF FIRE TRAINING AREA Client Project Name: Client Project Number: DACA21-97-C-0042 Date Reported: 3/19/98 Client Contact: T. SHEPPARD Date Received: 3/4/98 Client: Omega Env. Services - Tucker Date Sampled: 3/3/98 Accura Project #: 15823 Accura Sample ID#: AB38563 LABORATORY REPORT USACE-MRD Approved SC Certification # 98015 NC Certification # 483 FL Certification # E87429

S.0	<kdf< th=""><th>Метситу</th></kdf<>	Метсит у
Reported Detection Limits	Analytical Results	Analyte Name

ς	SD F	I >			Silver
ç	SD F	I >			Selenium
ς	8.8	Ç			Lead
ς	SD F	i>			Chromium
č. 0	<i>S</i> DF	[>			Cadmium
ς	6.7	<u>L</u>			Barium
ς	<i>I</i> DF	I >			Arsenic
ported Detection Limits	sal Results Rep	Analytic			Analyte Name
mg/Kg	Result Units:	86/9/8	Date Ext/Dig/Prep:	86/6/£	Date Analyzed:
3020B\6010B	Method Ref:		***************************************	ls - RCRA	ANALYSIS: Meta

AALSample ID #: AB38563 Accura Project #: 15823

<RDL = Less than Reported Detection Limit</p>

04 lo £1 gq

Client Sample ID: EB-15

ACCURA ANALYTICAL LABORATORY, INC.

£2851 :#1	ccura Project	A £858£8A	:# Al Sample ID #:		SI	Client Sample ID: EB-
04 10 41 gq		etection Limit	- Less than Reported D	IAC. <rdl=< td=""><td>гавокатоку,</td><td>ACCURA ANALYTICAL</td></rdl=<>	гавокатоку,	ACCURA ANALYTICAL
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	7		<kdf< td=""><td></td><td></td><td>beta-Endosulfan</td></kdf<>			beta-Endosulfan
	7		<kdl< td=""><td></td><td></td><td>peta-BHC</td></kdl<>			peta-BHC
	7		<bdl< td=""><td></td><td></td><td>alpha-Endosulfan</td></bdl<>			alpha-Endosulfan
	7		<bdl< td=""><td></td><td></td><td>арра-ВНС</td></bdl<>			арра-ВНС
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	7		0.9			t't،-DDD
stimid noits	oorted Detec	z <u>K</u> et	Analytical Result			Analyte Name
	n&\K&	Result Units:	86/\$/8	Date Ext/Dig/Prep:	86/ <i>L</i> /E	Date Analyzed:
AI	3550A/808	Method Ref:			səp	ANALYSIS: Pestici
	70		<kdf< td=""><td></td><td></td><td>bCB-1500</td></kdf<>			bCB-1500
	70		<bdl< td=""><td></td><td></td><td>bCB-1524</td></bdl<>			bCB-1524
	70		<kdl< td=""><td></td><td></td><td>bCB-1548</td></kdl<>			bCB-1548
	70		<ßDF			6CB-15√5
	0Þ		<bdl <<="" td=""><td></td><td></td><td>bCB-1535</td></bdl>			bCB-1535
	04		 KDL	÷		bCB-1551
	20		<bdf< td=""><td></td><td></td><td>bCB-1016</td></bdf<>			bCB-1016
gimiJ noite	oorted Detec	ह ह्रद	Analytical Result			Analyte Name
	ng/Kg	Result Units:	86/\$/&	Date Ext/Dig/Prep:	86/L/E	Date Analyzed:
7	3550A/808	Method Ref:				VALVEIS: PCB's
r	330		<bdf< td=""><td></td><td></td><td>Pyrene</td></bdf<>			Pyrene
)0EE		<bdf <bdf< td=""><td></td><td></td><td>Рһепапthrene</td></bdf<></bdf 			Рһепапthrene
	330(<bdf <bdf< td=""><td></td><td></td><td>Naphthalene</td></bdf<></bdf 			Naphthalene
	3300		<bdf <bdf< td=""><td></td><td>ue</td><td>indeno(1,2,3-cd)pyre</td></bdf<></bdf 		ue	indeno(1,2,3-cd)pyre
	3300		<bdf< td=""><td></td><td></td><td>Fluorene</td></bdf<>			Fluorene
	3300		<bdi <bdi< td=""><td></td><td></td><td>Fluoranthene</td></bdi<></bdi 			Fluoranthene
	3300		<bdf <bdf< td=""><td></td><td>əu</td><td>Dibenzo(a,h)anthrace</td></bdf<></bdf 		əu	Dibenzo(a,h)anthrace
	3300		<bdf <bdf< td=""><td></td><td></td><td>Chrysene</td></bdf<></bdf 			Chrysene
	3300		<bdf <bdf< td=""><td></td><td>;</td><td>o. Benzo(k)fluoranthene</td></bdf<></bdf 		;	o. Benzo(k)fluoranthene
	3300		<bdi <bdi< td=""><td></td><td></td><td>Benzo(g,h,i)perylene</td></bdi<></bdi 			Benzo(g,h,i)perylene
	3300		<bdi <bdi< td=""><td></td><td>;</td><td>Benzo(b)fluoranthene</td></bdi<></bdi 		;	Benzo(b)fluoranthene
	3300		<bdi <bdi< td=""><td></td><td></td><td>Benzo(a)pyrene</td></bdi<></bdi 			Benzo(a)pyrene
	330		<bdi <bdi< td=""><td></td><td></td><td>Benzo(a)anthracene</td></bdi<></bdi 			Benzo(a)anthracene
	3300		<bdi <bdi< td=""><td></td><td></td><td>Anthracene</td></bdi<></bdi 			Anthracene
			<&DΓ <&DΓ			Acenaphthylene
	3300 3300		<bdi <bdi< td=""><td></td><td></td><td>Acenaphthene</td></bdi<></bdi 			Acenaphthene
)0EE 330		<bdf< td=""><td></td><td></td><td>2-Methylnaphthalene</td></bdf<>			2-Methylnaphthalene
	9330 3300		<bdf< td=""><td></td><td></td><td>I-Methylnaphthalene</td></bdf<>			I-Methylnaphthalene
		1001 D				Analyte Name
ction Limits	eted betroc	ie Kei	Analytical Result	•		
	ug/Kg	Result Units:	86/91/8	Date Ext/Dig/Prep:	86/81/8	Date Analyzed:

Method Ref: 3550A/8270B

ANALYSIS: PAH's

ccura Project #: 15823	A 585858A : # GI &	oldmsSJAA		B-12	Client Sample ID: E
04 lo 21 gq	orted Detection Limit	= Fess than Rep	K'INC <kdf=< td=""><td>AL LABORATOR</td><td>ACCURA ANALYTIC</td></kdf=<>	AL LABORATOR	ACCURA ANALYTIC
0		£9			2-Fluorobiphenyl
oorted Detection Limits	Gesults Rep	Analytical I			Analyte Name
%	Result Units:	86/91/8	Date Ext/Dig/Prep:	86/81/8	Date Analyzed:
3550A/8270B	Method Ref:		rrogates (Soils)	VH/BN ÓC 2 ^r	ANALYSIS: X P
0		78			o-Lerbhenyl
0	dovi gungov				Analyte Name
orted Detection Limits	Pesults Ret	I Isəilytical			
%	Result Units:	3/17/68	Date Ext/Dig/Prep:	86/91/E	Date Analyzed:
3550A/8015	Method Ref:		(Soil)	RO QC Surro	VANLYSIS: X D
I I I I I I I I		Analytical I RDI RDI RDI RDI RDI RDI RDI		(0.001 = 0.00] $(0.1 = 0.00]$ $(0.2 = 0.00)$ $(0.2 = 0.00)$ $(0.2 = 0.00)$	Anglyte Name Arsenic (Reg Limit Barium (Reg Limit Cadmium (Reg Lin Chromium (Reg Lin Lead (Reg Limit = Selenium (Reg Lim Selenium (Reg Lim Selenium)
J/gm	Result Units:	86/01/£	Date Ext/Dig/Prep:	86/01/8	Date Analyzed:
3010A/6010B		00,01,0			VAVLYSIS: TCL
1.0	•	<bdi< td=""><td></td><td>(2.0 = 1)</td><td>Mercury (Reg Limi</td></bdi<>		(2.0 = 1)	Mercury (Reg Limi
orted Detection Limits	Gesults Rep	I IsoitytisnA			Analyte Name
J\gm	Result Units:	86/9/8	Date Ext/Dig/Prep:	86/9/€	Date Analyzed:
V0 <i>L</i> 7/	Method Ref:			Р Мегсигу	VANTE LCE
0		ΨN			TCLP Extraction
ocited Detection Limits	foxi cuncox	l lesilytienA Au			Analyte Name
stimi I noitoeted betwo					
	Result Units:	3/2/88	Date Ext/Dig/Prep:	86/5/8	Date Analyzed:
1311	:TeX bothod Ref:		_Р тоседите	[noitasatx∄ ¶,	ANALYSIS: TCL
0Z 0Z 0I 7 7 7 7		<bdi <bdi <bdi <bdi <bdi >BDI >BDI >BDI >BDI >BDI >BDI >BDI ></bdi </bdi </bdi </bdi </bdi 			gamma-BHC Heptachlor Methoxychlor Methoxychlor Total Chlordane (T
7		<kdi <kdi< td=""><td></td><td></td><td>Endrin Endrin aldehyde</td></kdi<></kdi 			Endrin Endrin aldehyde

 $<\!\! BD\Gamma$

Dieldrin

7

Lamorhan					
0	()t[Toluene-d8
0	1	7 I I		cue	4-Bromofluorobenz
0		٤6		⊅P-	I,2-Dichloroethane
orted Detection Limits	Kesnits Ke	<u>Analytical</u>			Analyte Name
%	Result Units:	86/L/E	Date Ext/Dig/Prep:	86/L/E	Date Analyzed:
A0928	Method Ref:		(SlioZ) estrg	OC QC Surro	VA X SISTIVIV
0		68		əu	Tetrachloro-m-xyle
0		78		I	Decachlorobipheny
ported Detection Limits	Kesnits Ke	Analytica			Analyte Name
%	Result Units:	86/\$/8	Date Ext/Dig/Prep:	86/ <i>L</i> /E	Date Analyzed:
3550A/8081/2	Method Ref:		rrogates (Soils)	SSA/PCB QC S	ANALYSIS: X P
0		<i></i> ⊅ <i>L</i>			p-Terphenyl-d14

10

04 to 31 gq

Client Sample ID: EB-15

Vitrobenzene-d5

Accura Analytica Laboratory, Inc.

0

SC Certification # 98015 USACE-MRD Approved FL Certification # E87429 NC Certification # 483 6017 Financial Drive, Morcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

LABORATORY REPORT

Client Sample ID: EB-14

ACCURA ANALYTICAL LABORATORY, INC.

AALSample ID #: AB38564 Accura Project #: 15823

<RDL = Less than Reported Detection Limit

Oh to TI gq

ссига Project #: 15823				ent Sample ID: EB-14		
04 to 81 gq	Detection Limit	- Less than Reported	NC' <bdf =<="" th=""><th>L LABORATORY, I</th><th>ACCURA ANALYTICAI</th></bdf>	L LABORATORY, I	ACCURA ANALYTICAI	
7		<bdl< td=""><td></td><td></td><td>delta-BHC</td></bdl<>			delta-BHC	
7		 KDL			beta-Endosulfan	
7		<kdl< td=""><td></td><td></td><td>beta-BHC</td></kdl<>			beta-BHC	
7		<kdl< td=""><td></td><td></td><td>alpha-Endosulfan</td></kdl<>			alpha-Endosulfan	
7		<kdl< td=""><td></td><td></td><td>alpha-BHC</td></kdl<>			alpha-BHC	
7		<bdl< td=""><td></td><td></td><td>nirblA</td></bdl<>			nirblA	
9		<bdl< td=""><td></td><td></td><td>ሳ'ተ፡DDL</td></bdl<>			ሳ ' ተ፡DDL	
7		<kdf< td=""><td></td><td></td><td>ሳ'ሳ፡-DDE</td></kdf<>			ሳ' ሳ፡-DDE	
7		€.9			∜⁴,⁻ DDD	
ported Detection Limits	<u>Its</u> <u>Re</u>	Analytical Resu			Analyte Name	
ug/Kg	Result Units:	86/\$/8	Date Ext/Dig/Prep:	86/L/E	Date Analyzed:	
A1808\A022E	Method Ref:			səpi	ANALYSIS: Pestic	
07		GG).			0071.00.1	
50		<bdl< td=""><td></td><td></td><td>bCB-1790</td></bdl<>			bCB-1790	
70		<bdl <<="" td=""><td></td><td></td><td>PCB-1254</td></bdl>			PCB-1254	
50		<bdl< td=""><td></td><td></td><td>PCB-1248</td></bdl<>			PCB-1248	
70		<bdf< td=""><td></td><td></td><td>PCB-1242</td></bdf<>			PCB-1242	
01⁄2		<bdf< td=""><td></td><td></td><td>6CB-1535</td></bdf<>			6CB-1535	
0 *		<bdf< td=""><td></td><td></td><td>PCB-1221</td></bdf<>			PCB-1221	
70		<bdl< td=""><td></td><td></td><td>PCB-1016</td></bdl<>			PCB-1016	
ported Detection Limits	<u>Ilts</u> <u>Re</u>	Analytical Resu			Analyte Vame	
ng/Kg	Result Units:	86/\$/8	Date Ext/Dig/Prep:	86/L/E	Date Analyzed:	
3550A/8082	Method Ref:	-		:	VALVEIS: PCB's	
3300		<kdl< td=""><td></td><td></td><td>Pyrene</td></kdl<>			Pyrene	
3300		<bdf< td=""><td></td><td></td><td>Phenanthrene</td></bdf<>			Phenanthrene	
3300		<kdf< td=""><td></td><td></td><td>Naphthalene</td></kdf<>			Naphthalene	
3300		<bdl< td=""><td></td><td>eue</td><td>Indeno(1,2,3-cd)pyre</td></bdl<>		eue	Indeno(1,2,3-cd)pyre	
3300		<&DF			Fluorene	
3300		<kdl< td=""><td></td><td></td><td>Fluoranthene</td></kdl<>			Fluoranthene	
3300		$<$ $KD\Gamma$		еие	Dibenzo(a,h)anthrac	
3300		<bdl td="" <=""><td></td><td></td><td>Chrysene</td></bdl>			Chrysene	
3300		<bdf< td=""><td></td><td></td><td>Benzo(k)fluoranthen</td></bdf<>			Benzo(k)fluoranthen	
3300		<bdl< td=""><td></td><td></td><td>Benzo(g,h,i)perylene</td></bdl<>			Benzo(g,h,i)perylene	
3300		<bdl< td=""><td></td><td>e</td><td>Benzo(b)fluoranthen</td></bdl<>		e	Benzo(b)fluoranthen	
3300		<kdl< td=""><td></td><td></td><td>Benzo(a)pyrene</td></kdl<>			Benzo(a)pyrene	
3300		<bdl< td=""><td></td><td></td><td>Benzo(a)anthracene</td></bdl<>			Benzo(a)anthracene	
3300		<bdl< td=""><td></td><td></td><td>Anthracene</td></bdl<>			Anthracene	
3300		<bdl< td=""><td></td><td></td><td>Acenaphthylene</td></bdl<>			Acenaphthylene	
3300		<kdl< td=""><td></td><td></td><td>Acenaphthene</td></kdl<>			Acenaphthene	
3300		<kdl< td=""><td></td><td>э</td><td>2-Methylnaphthalen</td></kdl<>		э	2-Methylnaphthalen	
3300		<bdf< td=""><td></td><td>э</td><td>ı-Methylnaphthalen</td></bdf<>		э	ı-Methylnaphthalen	
etection Limits	ults <u>Re</u>	Analytical Resu			Analyte Name	
ay/gu	Result Units:	86/91/£	Date Ext/Dig/Prep:	36/81/8	Date Analyzed:	
24 -	1, 43,71 ° U	00/71/0	u ,ui u ii	00/01/0	, , , , a	

Method Ref: 3550A/8270B

ANALYSIS: PAH's

Pg 19 of 40 cura Project #: 15823	ted Detection Limit D#: AB38564 Ac		INC. < KDГ =		ACCURA ANALYTICA
0		I <i>S</i>		<u></u>	Z-Fluorobiphenyl
orted Detection Limits	sants Rep	Analytical Re			Analyte Name
%	Result Units:	86/91/8	Date Ext/Dig/Prep:	86/81/8	Date Analyzed:
3550A/8270B	Method Ref:		rrogates (Soils)	WH/BN OC 2 ^m	VA X ESTATION X ESTATI
0		SL			o-Lethyenyl
orted Detection Limits	sențes <u>R</u> eb	Analytical Re			Analyte Name
%	Result Units:	86/71/8	Date Ext/Dig/Prep:	86/51/8	Date Analyzed:
\$108\A0\$\$	Method Ref:		(lio <u>S) səfa</u> g	RO QC Surrog	VANALYSIS: X D
mg/L 3010A/6010B mg/L I I I I I I I I I I I I I	Method Ref: Result Units: <u>esults</u> <u>Rep</u>	3/6/98 Analytical R Analytical B Analytical B Analytical B And Analytical B Analytical	Date Ext/Dig/Prep:	89/8/8 (2.0 = ji 80/01/8 (0.2 = j (0.001 = j (0.1 = jim (0.2 = jim (0.2 = jim (0.2 = jim (0.3 = jim (0.6	ANALYSIS: TCI Date Analyzed: Analyte Name Mercury (Reg Lim Date Analyzed: Analyte Name Analyte Limit Barium (Reg Limit Chromium (Reg Limit Cadmium (Reg Limit Cadmium (Reg Limit Selenium (Reg Limit Selenium (Reg Limit
0		ΑN			TCLP Extraction
oorted Detection Limits	esnīts <u>Re</u>	Analytical R			Analyte Name
	Result Units:	86/\$/8	Date Ext/Dig/Prep:	86/\$/£	Date Analyzed:
1311	Method Ref:		Procedure	LP Extraction	VANTESIS: TCI
07 07 01 7 7 7 7 7 7		<rdi <rdi <rdi <rdi <rdi <rdi <rdi <rdi <rdi <rdi <rdi <rdi <rdi< td=""><td></td><td>je</td><td>Dieldrin Endosulfan sulfate Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxic Methoxychlor Total Chlordane ("</td></rdi<></rdi </rdi </rdi </rdi </rdi </rdi </rdi </rdi </rdi </rdi </rdi </rdi 		je	Dieldrin Endosulfan sulfate Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxic Methoxychlor Total Chlordane ("

who was	1914 6.11934			
0.	113			gp-əuənio]
0	132		อนอว	4-Bromofluorobenz
0	104			1,2-Dichloroethane
orted Detection Limits	nalytical Results Rep	$\overline{\forall}$		Analyte Name
%	11/98 Result Units:	Date Ext/Dig/Prep: 3	3/11/8	Date Analyzed:
A0928	Method Ref:	ates (Soils)	OC OC Surrog	A X SISXTVNV
0	83		aus	Tetrachloro-m-xyle
0	III			Decachlorobipheny
		_		
orted Detection Limits	Analytical Results Ret	Ī		Analyte Mame
% orted Detection Limits	./5/98 Result Units: Analytical Results Result (Pits:		86/L/E	Date Analyzed:
	/5/98 Result Units:	Date Ext/Dig/Prep:		
%	/5/98 Result Units:	Date Ext/Dig/Prep:		Date Analyzed:

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38565

Accura Project #: 15823

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/19/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EW-J4

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/7/98

Result Units:

ug/Kg

Reported Detection Limits Analytical Results Analyte Name 5 <RDL Benzene <RDL 5 Ethyl benzene 5 Toluene <RDL 5 <RDL **Xylenes**

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units: mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

10

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

Analyte Name

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

Reported Detection Limits

Mercury

<RDL

Analytical Results

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

mg/Kg

mg/Kg

Arsenic <rdl 5="" 5<="" 9.4="" barium="" th=""><th>Analyte Name</th><th>Analytical Results</th><th>Reported Detection Limits</th></rdl>	Analyte Name	Analytical Results	Reported Detection Limits
Barium 9.4 5	Arsenic	<rdl< td=""><td>5</td></rdl<>	5
	Barium	9.4	5
Cadmium <rdl 0.5<="" th=""><td>Cadmium</td><td><rdl< td=""><td>0.5</td></rdl<></td></rdl>	Cadmium	<rdl< td=""><td>0.5</td></rdl<>	0.5
Chromium <rdl 5<="" th=""><td>Chromium</td><td><rdl< td=""><td>5</td></rdl<></td></rdl>	Chromium	<rdl< td=""><td>5</td></rdl<>	5
Lead <rdl 5<="" th=""><td>Lead</td><td><rdl< td=""><td>5</td></rdl<></td></rdl>	Lead	<rdl< td=""><td>5</td></rdl<>	5
Selenium <rdl 5<="" th=""><td></td><td><rdl< td=""><td>5</td></rdl<></td></rdl>		<rdl< td=""><td>5</td></rdl<>	5
Silver <rdl 5<="" th=""><td>Silver</td><td><rdl< td=""><td>5</td></rdl<></td></rdl>	Silver	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 21 of 40

Client Sample ID: EW-J4

AALSample ID #: AB38565 Accura Project #: 15823

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date Analyzed:

3/18/98

Date Ext/Dig/Prep: 3/16/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/5/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/5/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	11	2
4,4'-DDE	4.3	2
4,4'-DDT	<rdl< td=""><td>6</td></rdl<>	6
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>4</td></rdl<>	4
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 22 of 40

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Tec	chnical)		<rdl <rdl="" <rdl<="" th=""><th></th><th>4 2 2 2 2 2 2 2 10 20 20</th></rdl>		4 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLP	Extraction P	rocedure		Method Ref:	1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	
Analyte Name			Analytical Result	s Re	ported Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLP	' Mercury	, , , , , , , , , , , , , , , , , , , ,		Method Ref:	7470A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units:	mg/L
Analyte Name			Analytical Result	s <u>Re</u>	ported Detection Limits
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
ANALYSIS: TCLP	Metals			Method Ref:	3010A/6010B
Date Analyzed:	3/10/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	mg/L
Analyte Name			Analytical Result	<u>s</u> <u>Re</u>	ported Detection Limits
Arsenic (Reg Limit =			<rdl< td=""><td></td><td>1</td></rdl<>		1
Barium (Reg Limit =			<rdl< td=""><td></td><td>1</td></rdl<>		1
Cadmium (Reg Limi			<rdl< td=""><td></td><td>1</td></rdl<>		1
Chromium (Reg Limit = 5.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1	
Lead (Reg Limit = 5)	-		<rdl <rdl< td=""><td></td><td>1</td></rdl<></rdl 		1
Selenium (Reg Limit			<rdl <rdl< td=""><td></td><td>1</td></rdl<></rdl 		1
Silver (Reg Limit = 5	5.U)		\RDL		1
ANALYSIS: X DR	O QC Surrog	ates (Soil)	•	Method Ref:	3550A/8015
Date Analyzed:	3/14/98	Date Ext/Dig/Prep:	3/12/98	Result Units:	%
Analyte Name			Analytical Result	<u>s</u> <u>Re</u>	ported Detection Limits
o-Terphenyl			59		0
ANALYSIS: X PA	H/BN QC Sur	rogates (Soils)		Method Ref:	3550A/8270B
Date Analyzed:	3/18/98	Date Ext/Dig/Prep:	3/16/98	Result Units:	%
Analyte Name			Analytical Result	s <u>Re</u>	ported Detection Limits
2-Fluorobiphenyl			80		0
ACCURA ANALYTICA	L LABORATORY	7, INC. <rdl< td=""><td>= Less than Reported D</td><td>etection Limit</td><td>Pg 23 of 40</td></rdl<>	= Less than Reported D	etection Limit	Pg 23 of 40

Client Sample ID: EW-J4

AALSample ID#: AB38565 Accura Project #: 15823

Nitrobenzene-d5	64	0
p-Terphenyl-d14	77	0

ANALVSIS:	X	Pest/PCR	OC Surrogates	(Soils)
WINDER DIO.	Λ	T COUT CD	OC Buildgates	(SOURS)

Method Ref: 3550A/8081/2

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/5/98

Result Units: %

Analyte NameAnalytical ResultsReported Detection LimitsDecachlorobiphenyl1010Tetrachloro-m-xylene870

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/7/98

Result Units:

s: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	97	0
4-Bromofluorobenzene	145	0
Toluene-d8	123	0

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NC Certification # 483

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LABORATORY REPORT

Accura Sample ID #: AB38566

Accura Project #: 15823

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/19/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: WATER

Client Sample ID:

VI-TB

ANALYSIS: VOC's

Method Ref: 5030A/8260A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/11/98

Result Units:

ug/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1,2-Trichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloropropane	<rdl< td=""><td>5</td></rdl<>	5
1,3-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
1,4-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
2-Butanone (MEK)	<rdl< td=""><td>50</td></rdl<>	50
2-Chloroethylvinyl ether	<rdl< td=""><td>10</td></rdl<>	10
2-Hexanone	<rdl< td=""><td>50</td></rdl<>	50
4-Methyl-2-pentanone (MIBK)	<rdl< td=""><td>50</td></rdl<>	50
Acetone	<rdl< td=""><td>50</td></rdl<>	50
Benzene	<rdl< td=""><td>5</td></rdl<>	5
Bromodichloromethane	<rdl< td=""><td>5</td></rdl<>	5
Bromoform	<rdl< td=""><td>5</td></rdl<>	5
Bromomethane	<rdl< td=""><td>5</td></rdl<>	5
Carbon disulfide	<rdl< td=""><td>5</td></rdl<>	5
Carbon tetrachloride	<rdl< td=""><td>5</td></rdl<>	5
Chlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
Chloroethane	<rdl< td=""><td>5</td></rdl<>	5
Chloroform	<rdl< td=""><td>5</td></rdl<>	5
Chloromethane	<rdl< td=""><td>5</td></rdl<>	5
cis-1,2-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
cis-1,3-Dichloropropene	<rdl< td=""><td>5</td></rdl<>	5
Dibromochloromethane	<rdl< td=""><td>5</td></rdl<>	5
Ethylbenzene	<rdl< td=""><td>5</td></rdl<>	5
Methylene chloride	<rdl< td=""><td>5</td></rdl<>	5
Styrene	<rdl< td=""><td>5</td></rdl<>	5
Tetrachloroethene	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 25 of 40

Client Sample ID: VI-TB

AALSample ID #: AB38566 Accura Project #: 15823

Toluene	<rdl< th=""><th>5</th></rdl<>	5
trans-1,2-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
trans-1,3-Dichloropropene	<rdl< td=""><td>5</td></rdl<>	5
Trichloroethene	<rdl< td=""><td>5</td></rdl<>	5
Trichlorofluoromethane	<rdl< td=""><td>5</td></rdl<>	5
Vinyl acetate	<rdl< td=""><td>100</td></rdl<>	100
Vinyl chloride	<rdl< td=""><td>2</td></rdl<>	2
Xylenes (Total)	<rdl< td=""><td>5</td></rdl<>	5

ANALYSIS:	X	VOC QC Surrogates (Waters)
WING THE WILL	./\	TOC OC Buildgates (Waters)

Method Ref: 8260A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/11/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	88	0
4-Bromofluorobenzene	100	0
Toluene-d8	101	0

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<RDL = Less than Reported Detection Limit

Pg 26 of 40

Client Sample ID: VI-TB

AALSample ID #: AB38566 Accura Project #: 15823

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LABORATORY REPORT

Accura Sample ID #: AB38567

Accura Project #: 15823

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/20/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EB-H4

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Analytical Results Reported Detection Limits Analyte Name <RDL 10 Benzene 10 <RDL Ethyl benzene <RDL 10 Toluene 10 <RDL **Xylenes**

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units:

mg/Kg

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

19

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<rdl< td=""><td>5</td></rdl<>	5
Barium	7.8	5
Cadmium	<rdl< td=""><td>0.5</td></rdl<>	0.5
Chromium	<rdl< td=""><td>5</td></rdl<>	5
Lead	<rdl< td=""><td>5</td></rdl<>	5
Selenium	<rdl< td=""><td>5</td></rdl<>	5
Silver	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 27 of 40

Client Sample ID: EB-H4

AALSample ID #: AB38567 Accura Project #: 15823

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date Analyzed:

3/18/98

Date Ext/Dig/Prep: 3/16/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
I-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/8/98

Date Ext/Dig/Prep: 3/5/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/8/98

Date Ext/Dig/Prep: 3/5/98

Result Units: ug/Kg

Analytical Results	Reported Detection Limits
<rdl< td=""><td>2</td></rdl<>	2
	<rdl <rdl="" <rdl<="" td=""></rdl>

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<RDL = Less than Reported Detection Limit

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Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Teo	chnical)		<rdl <rdl="" <rdl<="" th=""><th></th><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>		2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLP	Extraction P	rocedure		Method Ref:	1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:		Result Units:	
Analyte Name			Analytical Results	Rep	ported Detection Limits
TCLP Extraction			NA		0
ANAI VCIC, TOI D	Margury			Method Ref:	7470A
ANALYSIS: TCLP Date Analyzed:	3/6/98	Date Ext/Dig/Prep:		Result Units:	mg/L
Analyte Name	0,0,75	2	Analytical Results		ported Detection Limits
Mercury (Reg Limit	0.2)		<rdl< td=""><td>100</td><td>0.1</td></rdl<>	100	0.1
Mercury (Reg Limit	— U.Z.)		ALDD		V.1
ANALYSIS: TCLP	Metals	<u>.</u>		Method Ref:	3010A/6010B
Date Analyzed:	3/10/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	mg/L
Analyte Name			Analytical Results	<u>Re</u> r	ported Detection Limits
Arsenic (Reg Limit = Barium (Reg Limit = Cadmium (Reg Limit Chromium (Reg Limit Lead (Reg Limit = 5. Selenium (Reg Limit Silver (Reg Limit = 5.	t = 1.0) t = 1.0) it = 5.0) 0) t = 1.0)		<rdl <rdl="" <rdl<="" td=""><td></td><td>1 1 1 1 1</td></rdl>		1 1 1 1 1
ANALYSIS: X DR	O OC Surreg	rates (Soil)		Method Ref:	3550A/8015
Date Analyzed:	3/14/98	Date Ext/Dig/Prep:		Result Units:	%
Analyte Name			Analytical Results	Rep	ported Detection Limits
o-Terphenyl			71		0
ANALYSIS: X PA	H/BN OC Sui	rogates (Soils)		Method Ref:	3550A/8270B
Date Analyzed:	3/18/98	Date Ext/Dig/Prep:	3/16/98	Result Units:	%
Analyte Name			Analytical Results	Rej	ported Detection Limits
2-Fluorobiphenyl			78	-	0
ACCURA ANALYTICA		V INC <pdi< td=""><td>= Less than Reported D</td><td>etection Limit</td><td>Pg 29 of 40</td></pdi<>	= Less than Reported D	etection Limit	Pg 29 of 40
Client Sample ID: EB		i, iii.	-		ccura Project #: 15823

Client Sample ID: EB-H4

AALSample ID #: AB38567 Accura Project #: 15823

Nitrobenzene-d5	67	0
p-Terphenyl-d14	67	0

ANALYSIS:	\mathbf{x}	Pest/PCB	QC Surrogates	(Soils)

Method Ref: 3550A/8081/2

Date Analyzed:

3/8/98

Date Ext/Dig/Prep: 3/5/98

Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	86	0
Tetrachloro-m-xylene	72	0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

%

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	123	0
4-Bromofluorobenzene	167	0
Toluene-d8	131	0

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SC Certification # 98015

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LABORATORY REPORT

Accura Sample ID #: AB38568

Accura Project #: 15823

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/19/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

EB-14

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

ug/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Benzene Ethyl benzene

<RDL <RDL <RDL 5 5 5

Toluene **Xylenes**

<RDL

5

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/14/98

Date Ext/Dig/Prep: 3/12/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

<RDL

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

mg/Kg Reported Detection Limits

Analyte Name

Analytical Results

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/6/98

Result Units:

mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<rdl< td=""><td>5</td></rdl<>	5
Barium	7.2	5
Cadmium	<rdl< td=""><td>0.5</td></rdl<>	0.5
Chromium	<rdl< td=""><td>5</td></rdl<>	5
Lead	<rdl< td=""><td>5</td></rdl<>	5
Selenium	<rdl< td=""><td>5</td></rdl<>	5
Silver	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Client Sample ID: EB-I4

AALSample ID#: AB38568 Accura Project#: 15823

ANALYSIS: PAH's

Date Analyzed:

Date Ext/Dig/Prep: 3/16/98 3/18/98

Method Ref: 3550A/8270B

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
	<rdl< td=""><td>330</td></rdl<>	330
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene		330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td></td></rdl<>	
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
Indeno(1,2,3-cd)pyrene		330
Naphthalene	<rdl< td=""><td></td></rdl<>	
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330

ANALYSIS: PCB's

Method Ref: 3550A/8082

Date Analyzed:

3/8/98

Date Ext/Dig/Prep: 3/5/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016 PCB-1221 PCB-1232 PCB-1242 PCB-1248 PCB-1254 PCB-1260	<rdl <rdl="" <rdl<="" td=""><td>20 40 40 20 20 20 20</td></rdl>	20 40 40 20 20 20 20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/8/98

Date Ext/Dig/Prep: 3/5/98

Result Units: ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD 4,4'-DDE 4,4'-DDT Aldrin	<rdl <rdl <rdl <rdl< td=""><td>2 2 2 2</td></rdl<></rdl </rdl </rdl 	2 2 2 2
alpha-BHC	<rdl< td=""><td>2 2</td></rdl<>	2 2
alpha-Endosulfan beta-BHC	<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
beta-Endosulfan	<rdl< td=""><td>2 2</td></rdl<>	2 2
delta-BHC	<rdl< td=""><td></td></rdl<>	

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Teo	chnical)		<rdl <rdl="" <rdl<="" th=""><th></th><th>2 2 2 2 2 2 2 10 20 20</th></rdl>		2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLP Extraction Procedure		Method Ref: 1311			
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	
Analyte Name					orted Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLP	Moreury			Method Ref:	7470A
-	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units:	mg/L
Date Analyzed:	3/0/70	part Entra - gr	Analytical Resu	lts Rei	ported Detection Limits
Analyte Name			<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
Mercury (Reg Limit	= 0.2)		\KDL		
ANALYSIS: TCLI	Metals			Method Ref:	3010A/6010B
Date Analyzed:	3/10/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	mg/L
Analyte Name			Analytical Resu	<u>lts</u> <u>Re</u>	ported Detection Limits
	5 0)		 <rdl< td=""><td></td><td>1</td></rdl<>		1
Arsenic (Reg Limit			<rdl< td=""><td></td><td>1</td></rdl<>		1
	Barium (Reg Limit = 100.0) Cadmium (Reg Limit = 1.0)		<rdl< td=""><td>1</td></rdl<>		1
Chromium (Reg Lir			<rdl< td=""><td>1</td></rdl<>		1
Lead (Reg Limit = 5			<rdl< td=""><td>1</td></rdl<>		1
Selenium (Reg Lim			<rdl< td=""><td>l 1</td></rdl<>		l 1
Silver (Reg Limit =	5.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
ANALYSIS: X D	RA AC Surres	gates (Soil)		Method Ref:	3550A/8015
Date Analyzed:	3/14/98	Date Ext/Dig/Prep:	3/12/98	Result Units:	%
Analyte Name			Analytical Resi	ults Re	eported Detection Limits
o-Terphenyl			58		0
•				wala thic	2550 A /8270B
ANALYSIS: X PAH/BN QC Surrogates (Soils)		Method Ref: 3550A/8270B			
Date Analyzed:	3/18/98	Date Ext/Dig/Prep	; 3/16/98	Result Units	
Analyte Name			Analytical Res	ults R	eported Detection Limits
2-Fluorobiphenyl			62		0
ACCURA ANALYTIC	AL LABORATOI	RY, INC. <rd< td=""><td>L = Less than Reporte</td><td>d Detection Limit</td><td>Pg 33 of 40</td></rd<>	L = Less than Reporte	d Detection Limit	Pg 33 of 40
Client Sample ID: 1		•			Accura Project#: 15823
Chem gambie in: 1	דג-ענ				

Nitrobenzene-d5 p-Terphenyl-d14			42 75	0 0
ANALYSIS: X Pest/Date Analyzed:	PCB QC Sur 3/8/98	rogates (Soils) Date Ext/Dig/Prep:	3/5/98	Method Ref: 3550A/8081/2 Result Units: %
Analyte Name Decachlorobiphenyl Tetrachloro-m-xylene		·	Analytical Results 89 78	Reported Detection Limits 0 0
ANALYSIS: X VOC Date Analyzed:	C QC Surroga 3/6/98	ntes (Soils) Date Ext/Dig/Prep:	3/6/98	Method Ref: 8260A Result Units: %
Analyte Name 1,2-Dichloroethane-de	4		Analytical Resu	Its Reported Detection Limits 0 0

157

126

Accura Analytical Laboratory, Inc.

4-Bromofluorobenzene

Toluene-d8

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38569

Accura Project #: 15823

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042

Date Reported: 3/19/98

Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Sample Matrix: SOIL

Client Sample ID:

METHOD BLANK

ANALYSIS: BTEX

Method Ref: 5030A/8260A

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

ug/Kg

Analyte Name

Benzene

Analytical Results <RDL

Reported Detection Limits 5

Ethyl benzene

<RDL <RDL

5 5

Toluene **Xylenes**

<RDL

5

ANALYSIS: Diesel Range Organics (DRO)

Method Ref: 3550A/8015

Date Analyzed:

3/13/98

Date Ext/Dig/Prep: 3/12/98

Result Units:

mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Diesel Range Organics (DRO)

<RDL

10

ANALYSIS: Metals - Mercury - RCRA

Method Ref: 7471A

Date Analyzed:

3/6/98

Date Ext/Dig/Prep: 3/6/98

Result Units: mg/Kg

Analyte Name

Analytical Results

Reported Detection Limits

Mercury

<RDL

0.5

ANALYSIS: Metals - RCRA

Method Ref: 3050B/6010B

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/6/98

mg/Kg

Analyte Name

Result Units:

Analytical Results

Reported Detection Limits

<RDL <RDL

5

Arsenic Barium

<RDL

Cadmium Chromium Lead

<RDL <RDL

5 0.5 5

Selenium Silver

<RDL <RDL 5 5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 35 of 40

Client Sample ID: METHOD BLANK

AALSample ID #: AB38569 Accura Project #: 15823

5

ANALYSIS: PAH's

Date Analyzed:

3/17/98

Date Ext/Dig/Prep: 3/16/98

Method Ref: 3550A/8270B

ug/Kg

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
1-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthalene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthene	<rdl< td=""><td>330</td></rdl<>	330
Acenaphthylene	<rdl< td=""><td>330</td></rdl<>	330
Anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(a)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylene	<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Chrysene	<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthracene	<rdl< td=""><td>330</td></rdl<>	330
Fluoranthene	<rdl< td=""><td>330</td></rdl<>	330
Fluorene	<rdl< td=""><td>330</td></rdl<>	330
Indeno(1,2,3-cd)pyrene	<rdl< td=""><td>330</td></rdl<>	330
Naphthalene	<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene	<rdl< td=""><td>330</td></rdl<>	330
Pyrene	<rdl< td=""><td>330</td></rdl<>	330
•		

ANALYSIS: PCB's

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/5/98

Method Ref: 3550A/8082

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
PCB-1016	<rdl< td=""><td>20</td></rdl<>	20
PCB-1221	<rdl< td=""><td>40</td></rdl<>	40
PCB-1232	<rdl< td=""><td>40</td></rdl<>	40
PCB-1242	<rdl< td=""><td>20</td></rdl<>	20
PCB-1248	<rdl< td=""><td>20</td></rdl<>	20
PCB-1254	<rdl< td=""><td>20</td></rdl<>	20
PCB-1260	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: Pesticides

Method Ref: 3550A/8081A

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/5/98

Result Units:

ug/Kg

Analyte Name	Analytical Results	Reported Detection Limits
4,4'-DDD	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE	<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT	<rdl< td=""><td>2</td></rdl<>	2
Aldrin	<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC	<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
beta-BHC	<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan	<rdl< td=""><td>2</td></rdl<>	2
delta-BHC	<rdl< td=""><td>2</td></rdl<>	2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 36 of 40

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Toxaphene	echnical)		<rdl <rdl="" <rdl<="" th=""><th>Method Re</th><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl>	Method Re	2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCL Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Unit	
•	313170	Date Extrolgricp.			
Analyte Name			Analytical Resu	<u>lts</u> <u>I</u>	Reported Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCL	P Mercury			Method Ref	f: 7470A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Unit	s: mg/L
Analyte Name			Analytical Resu	lts F	Reported Detection Limits
Mercury (Reg Limi	t = 0.2		<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
11.101.011.) (11.10 <u>B</u> 21.111.	· • • • • • • • • • • • • • • • • • • •	-			
ANALYSIS: TCL	P Metals			Method Ref	: 3010A/6010B
Date Analyzed:	3/10/98	Date Ext/Dig/Prep:	3/10/98	Result Unit	s: mg/L
Analyte Name			Analytical Resu	<u>lts</u> <u>F</u>	Reported Detection Limits
Arsenic (Reg Limit			<rdl< td=""><td></td><td>1</td></rdl<>		1
Barium (Reg Limit	•		<rdl< td=""><td></td><td>1</td></rdl<>		1
Cadmium (Reg Lim			<rdl< td=""><td></td><td>]</td></rdl<>]
Chromium (Reg Lin	•		<rdl <rdl< td=""><td></td><td>1</td></rdl<></rdl 		1
Lead (Reg Limit = : Selenium (Reg Lim	-		<rdl <rdl< td=""><td></td><td>1</td></rdl<></rdl 		1
Silver (Reg Limit =	•		<rdl< td=""><td></td><td>1</td></rdl<>		1
Bilver (Reg Dillit	5.0)		122		•
ANALYSIS: X DI	RO QC Surro	gates (Soil)		Method Ref	3550A/8015
Date Analyzed:	3/16/98	Date Ext/Dig/Prep:	3/12/98	Result Unit	s: %
Analyte Name			Analytical Resu	lts <u>F</u>	Reported Detection Limits
o-Terphenyl			75		10
ANALYSIS: X PA	ATT/DN OC Su	rrogatos (Soils)		Method Ref	f: 3550A/8270B
			2/1//09		
Date Analyzed:	3/17/98	Date Ext/Dig/Prep:	3/16/98	Result Units	
Analyte Name			Analytical Resu	<u>Its</u> <u>F</u>	Reported Detection Limits
2-Fluorobiphenyl			67		0
ACCURA ANALYTICA	AL LABORATOR	Y, INC. <rdl< td=""><td>= Less than Reported</td><td>Detection Limit</td><td>Pg 37 of 40</td></rdl<>	= Less than Reported	Detection Limit	Pg 37 of 40
Client Sample ID: M	ETHOD BLAN	K	AALSample ID #	#: AB38569	Accura Project #: 15823

Nitrobenzene-d5	54	0
p-Terphenyl-d14	89	0

ANALYSIS:	X	Pest/PCB	QC Surrogates (Soils)

Method Ref: 3550A/8081/2

Date Analyzed:

3/7/98

Date Ext/Dig/Prep: 3/5/98

Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
Decachlorobiphenyl	90	0
Tetrachloro-m-xylene	81	0

ANALYSIS: X VOC QC Surrogates (Soils)

Method Ref: 8260A

Date Analyzed:

3/9/98

Date Ext/Dig/Prep: 3/9/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	100	0
4-Bromofluorobenzene	109	0
Toluene-d8	101	0

ACCURA ANALYTICAL LABORATORY, INC.

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38570

Accura Project #: 15823

Client: Omega Env. Services - Tucker

Date Sampled: 3/3/98

Client Contact: T. SHEPPARD

Date Received: 3/4/98

Client Project Number: DACA21-97-C-0042 Client Project Name:

HUNTER AAF FIRE TRAINING AREA

Date Reported: 3/19/98 Sample Matrix: WATER

Client Sample ID:

ANALYSIS: VOC's

METHOD BLANK

Method Ref: 5030A/8260A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/11/98

Result Units: ug/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1,2-Trichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,1-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloroethane	<rdl< td=""><td>5</td></rdl<>	5
1,2-Dichloropropane	<rdl< td=""><td>5</td></rdl<>	5
1,3-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
1,4-Dichlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
2-Butanone (MEK)	<rdl< td=""><td>50</td></rdl<>	50
2-Chloroethylvinyl ether	<rdl< td=""><td>10</td></rdl<>	10
2-Hexanone	<rdl< td=""><td>50</td></rdl<>	50
4-Methyl-2-pentanone (MIBK)	<rdl< td=""><td>50</td></rdl<>	50
Acetone	<rdl< td=""><td>50</td></rdl<>	50
Benzene	<rdl< td=""><td>5</td></rdl<>	5
Bromodichloromethane	<rdl< td=""><td>5</td></rdl<>	5
Bromoform	<rdl< td=""><td>5</td></rdl<>	5
Bromomethane	<rdl< td=""><td>5</td></rdl<>	5
Carbon disulfide	<rdl< td=""><td>5</td></rdl<>	5
Carbon tetrachloride	<rdl< td=""><td>5</td></rdl<>	5
Chlorobenzene	<rdl< td=""><td>5</td></rdl<>	5
Chloroethane	<rdl< td=""><td>5</td></rdl<>	5
Chloroform	<rdl< td=""><td>5</td></rdl<>	5
Chloromethane	<rdl< td=""><td>5</td></rdl<>	5
cis-1,2-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
cis-1,3-Dichloropropene	<rdl< td=""><td>5</td></rdl<>	5
Dibromochloromethane	<rdl< td=""><td>5</td></rdl<>	5
Ethylbenzene	<rdl< td=""><td>5</td></rdl<>	5
Methylene chloride	<rdl< td=""><td>5</td></rdl<>	5
Styrene	<rdl< td=""><td>5</td></rdl<>	5
Tetrachloroethene	<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 39 of 40

Client Sample ID: METHOD BLANK

AALSample ID#: AB38570 Accura Project#: 15823

Toluene	<rdl< th=""><th>5</th></rdl<>	5
trans-1,2-Dichloroethene	<rdl< td=""><td>5</td></rdl<>	5
trans-1,3-Dichloropropene	<rdl< td=""><td>5</td></rdl<>	5
Trichloroethene	<rdl< td=""><td>5</td></rdl<>	5
Trichlorofluoromethane	<rdl< td=""><td>5</td></rdl<>	5
Vinyl acetate	<rdl< td=""><td>100</td></rdl<>	100
Vinyl chloride	<rdl< td=""><td>2</td></rdl<>	2
Xylenes (Total)	<rdl< td=""><td>5</td></rdl<>	5

ANALYSIS: X VOC QC Surrogates (Waters)

Method Ref: 8260A

Date Analyzed:

3/11/98

Date Ext/Dig/Prep: 3/11/98

Result Units:

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	81	0
4-Bromofluorobenzene	86	0
Toluene-d8	92	0

Accura Apalytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

e 3-3-98		
ather:		•
Wind Speed and D	direction	
Rarometric Readin	ng	
Other		
	on Work Performed (i.e. QA samples collected and calibration	ons
emical Data Acquisitio	MI WOLK I CLIOTHIOG (150 C.)	
	Continuatory Surpling - See Table 4 and COX.	>
		•
mpling, and Sample S	hipments:	
whine, and a seed	hipments: Coders I I I I was COF Sundes shipped Via Fed-X.	-
	Sundes supped Via Pex X	-
	ne rot him the	_
·		_
		-
Dovemeter Me	easurement Problems and/or Corrective Actions or deviation	– ns f
hemical Parameter Me 1e approved SAP:	easurement Problems and/or Corrective Actions or deviation	– ns f –
hemical Parameter Meneral Parameter Paramete	A .	- ns 1
hemical Parameter Mo ne approved SAP:	A .	- ns
ne approved SAP:	None	- ns f
ne approved SAP:	None	- ms f
he approved SAP: On-site personnel respo	onsible for chemical parameter measurement and sample	- ns 1
he approved SAP: On-site personnel respo	onsible for chemical parameter measurement and sample	- ns 1
he approved SAP:	None	
on-site personnel response	onsible for chemical parameter measurement and sample	ns 1

Table 4

3-3-98 Page 1 of 3

Sample Table

Sample Location - ID Number	Sample Matrix	Sample Number (Primary Lab)	QC Sample Number (Primary Lab)	Associated Trip Blank Number (Primary Lab)	Associated Rinsate Blank (Primary Lab)	Sample Number (QA Lab)	Associated Trip Blank Number (QA Lab)	Associated Rinsate Blank (QA Lab)
EW-HY	Soil	/			<u> </u>			
FW-14-a	11	/				<u> </u>	 	
EW 74-b	11	V						+
EB-28		/			<u> </u>			
EW-28-P		/		 	 	 		
EW-18-a		1				 		
EB-27	11	1.					_	-
EW-L7	1/	/			_			
EB-LL	//	/		_				
EW-L6	//	V					_	
FW-L6-			/					-
11-76	water				_			
EB-LS								

Note: This table is to be completed in the field based upon the actual samples taken.

Table 4

3-3-98 Page 20+3

Sample Table

Sample Location - ID Number	Sample Matrix	Sample Number (Primary Lab)	QC Sample Number (Primary Lab)	Associated Trip Blank Number (Primary Lab)	Associated Rinsate Blank (Primary Lab)	Sample Number (QA Lab)	Associated Trip Blank Number (QA Lab)	Associated Rinsate Blank (QA Lab)
EW-L5-b	Soil	1			-	 		
EW-15-a	//			<u> </u>	 	 		-
EW-14	/1							
EB-K8	11				 			
EB-K7	/1	/						
EB-K6	11	/				_		
EB-KS	I _t				_			
EB-K4	1	/			_			1
EW-K	1	1	<u> </u>	_		_	1	1
EW-K4-			V				_	
I-TB				/				
EB-J8	1 /	1					_	
EB-57	11	V						

Note: This table is to be completed in the field based upon the actual samples taken.

Page 3 of 3

Table 4

Sample Table

Sample Location - ID Number	Sample Matrix	Sample Number (Primary Lab)	QC Sample Number (Primary Lab)	Associated Trip Blank Number (Primary Lab)	Associated Rinsate Blank (Primary Lab)	Sample Number (QA Lab)	Associated Trip Blank Number (QA Lab)	Associated Rinsate Blank (QA Lab)
EB-J6	Soil	/						
EB-J5	j/	/			<u> </u>		 	
EB-JY	'/	/	<u> </u>		 			
EW-54	/-			ļ	-			
<u>II</u> -TB	vater				 	-		
EB-HY	Soil	/			<u> </u>			
FR-IY		V	_			+		-
EW-26-0) //			 		1		
ER-IY EW-L6-0 EW-KY-	0 1					-\ <u> </u>	1	
TI-TB-CO								
11-11-11								-
								_
						l		

Note: This table is to be completed in the field based upon the actual samples taken.

Date 2-21-98		
Weather:		
Temperature	500-810	
	rection	
Barometric Reading	3	
Other	·	
Chemical Data Acquisition	Work Performed (i.e. Q	A samples collected and calibrations
Sue Attache	ed Guets / Tab	1-4
Sampling, and Sample Ship	pments:	
Contiluatory Sampling		<u> </u>
	ee Attached Thee	X5
	urement Problems and/o	or Corrective Actions or deviations fro
the approved SAP:	/	
	ne	
	<u> </u>	
	ble for chemical paramet	ter measurement and sample
acquisition:		
no tental	v.//	Date 2.27-18
Signature	<u> </u>	DateDate
COC Paranetta A		
CQC Representative:		
Signature let 9/4	H/	22798
Signature Mul		Date 2-27-98

Date /2/11/97
Weather:
Temperature Wind Speed and Direction 0-3 mph NW
Wind Speed and Direction 0-3 mph NW
Barometric Reading N/A
Other
Chemical Data Acquisition Work Performed (i.e. QA samples collected and calibrations):
N/A
Sampling, and Sample Shipments: Simulated arrivalt Trank, two Samples collected 001 being Soils in battom of Tinnk, cor being Frank in trank, One Golev to Accerva shipped by Fedx
Chemical Parameter Measurement Problems and/or Corrective Actions or deviations from the approved SAP:
On-site personnel responsible for chemical parameter measurement and sample acquisition: Date 12/1/97
CQC Representative: Signature Date 12/11/97

ate	12/18/97
Veatl	aget
	Temperature Wind Speed and Direction D-Smeh wt & ww Barometric Reading
	Wind Speed and Direction p-5mgh wt 9 NW
	Barometric Reading
	Other
Chem	ical Data Acquisition Work Performed (i.e. QA samples collected and calibrations):
	N/A
	Alumin Tank - 50-001
	(Par Exempled Soil - ConPad-ES-001
	Consider Pad Consider - Confad - DM-001
	Compression for the contraction of the contraction
	One Conter to Accura Shipped by Fedx
	nical Parameter Measurement Problems and/or Corrective Actions or deviations fro
	site personnel responsible for chemical parameter measurement and sample
	Date 12/18/97
oign	ature had been seen at the see
•	C Representative: Date 12/18/97
oigi	The state of the s

Date 1/12/98	
MET . All mana	
Weather: Temperature 68 F Wind Speed and Direction 2-5mph to Noww	
Wind Speed and Direction 2-5mph to the WW	
Barometric Reading	
Other	
Chemical Data Acquisition Work Performed (i.e. QA samples collected and calibrations):	
One QA somple collected + Shipped to Corp Lab. Sample collected from the first stockpile generated from source removal I funter Fire Training Area. Hosp #1-E5-003 is sample I.D.	,
Grant Crist Stor Keile convated from source removal Hunter	
Training Acce 11 - ES-003 is sample I.D.	
fire training hood, your	
and the Object of the Control of the	
Sampling, and Sample Shipments:	
- de como de la como d	
Heap # 1 - ES-001 Note: Both coolers included TripBIK(Item # 1-ES-002 Dep. Sample Samples AMALYRED FOR BTEX, PAH, THI-418.1, TOLPA Item # 1-ES-003 OH sample One cooler Shifted to Accura Feder (Imp#1-ES-001+002) one cooler shipped to Corps Fe (peap # 1 BS-003	_ \
All Other land Trioble	ua)
1/eap # 1-FS-001 YVOTE: DOIN COSTETS WENTER 11: FD	metal
14cm #1-E5-002 Drg. Sample Samples AMALYRED FOR BIEX, PATH, 1011 M., 10CT.	
14ea #1-85-003 QA sample	ZJEX
DAP cooler Shipped to Acura Fedex (1kgp*/-ES-00/+002) one cooler shipped to corps	
(Jeap # 1 B3-003	
Chemical Parameter Measurement Problems and/or Corrective Actions or deviations fro	m
the approved SAP:	
the approved on the second of	
On-site personnel responsible for chemical parameter measurement and sample	
acquisition:	
Date 1/12/98	
Signature West Date 1/10/10	
CQC Representative:	
1 / All in the	
Signature Date 1/12/>8	

ite 1-20-98	
Temperature	38 to 55 1 Direction 5-10 NE
Wind Speed and	l Direction 5-10 NE
Barometric Rea	ding
Other	
hemical Data Acquisi Suryle No 6 HP#2-E5-001-1 HP#2-E5-001-1 HP#2-X-TB HP#2,3,4-QA HP#2-E5-001 APP#2-E5-001	4-TB (DA Lab fir P Blank) 1-OA (DA suple, executed since)
	There supley kept and 4re for shippert
	on 1-21-98 via Fed-X,
	an per je via ca
Chemical Parameter l he approved SAP:	Measurement Problems and/or Corrective Actions or deviations None known
On-site personnel res acquisition: Signature	ponsible for chemical parameter measurement and sample Date 1-2098
— <u>~</u> —, <u>x</u>	Date
Signature	Date

ite <u>1-21-98</u>		
Ala a	- 	
Temperature	42 4061 Direction 18-15 NW	
Wind Speed and	Direction 18-15 NW	
	ing	
Other		
		, p , 141
emical Data Acquisiți	on Work Performed (i.e. QA samples collec	ted and calibration
0#3-EG-00/-X (1	vinue, los excurred coll	
P#3-E1-001-0 (ociny las OC)	\
1#3-EG-001-RA	appeare out to COF OH las	\
P#3-X-TB (TR	o Black pring late)	<u> </u>
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Wind Speed and Direction 20-25 mph out the SE
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106-001-WW-X (Primary Cab water sample)
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106-QA-TB (QA Trip BIK Sent to Cas Lub)
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On-site personnel responsible for chemical parameter measurement and sample
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106T-002-SWW-X (" " ")	
106T-002-Sww-O (Frongry lab QC)	106-T-002-SWW-QA (COE QA sample)
1068 - 003-50W-X (Priniary lab Smele)	106-SWW-QA-TB (COE Trip Blank)
Heap#5-ES001-X (u n n) Heap#5-ES001-D (frimary lab ac)	Heap \$ 5 - ESOOI-AN (COE OH sample)
Heap #5-ESOOI-D (frimary lab ac)	•
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Sampling, and Sample Shipments:
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Date <u> </u>	
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eather:		
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Lamical Data Acquisition Work Performed	I (i.e. QA samp	## TU-S
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Heap 1 Es sol-D (Primar lub QC)	FB.F8-S	EB-KY-3
Heap 1-63 Tol Dunian lab Tril Olunk)	EB-68-5 Dup	
Heap #7-ES-001-QA (COE lab OC South) Heap #7-ES-001-QA (COE lab OC South) (COE lab Trie Blank)	EB-H8-5	
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EB-Eb-5 EB-6b-5 EB-6b-5 EB-14b-5 QC) EB-Eb-5 EB-6b-5 EB-6b-5 EB-14b-5 QC) EB-F5-3 EB-65-5 EB-14b-5 QC) EB-F5-3 EB-65-5 EB-14b-5 QC) EB-H7-5 EB-149-5 EB-145-5 QC) EB-E7-5 EB-149-5 EB-146-5 QC) EB-E7-5 EB-146-5 QC) EB-E7-5 QC) EB-Hb-5 QC) EB-E7-5 QC) EB-E7-5 QC) EB-E7-5 QC) EB-Hb-5 QC) EB-E7-C5 QC) EB-E7-C5 QC) EB-Hb-5 QC) EB-E7-C5 QC		The Performed (i.e. OA samples collected and calibrations)
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EB-Eb-S FB-6b-S EB-E7-S FB-F7-S EB-E7-S FB-Hb-S-RA EB-H7-S EB-6S-S FB-H6-S-RA EB-H7-S EB-H7-S FB-H7-S EB-H7-S FB-H7-S FB-H7-S EB-H7-S FB-H7-S FB-H7-S EB-E7-S-RA EB-E7	アル・ルル・ク	F13 - B + 3
EB-F1-S EB-F1-S-ANJ EB-F1-S-AN	EB-E6-5	EB-66-5 ED-46-5-QC)
EB-F1-S EB-F1-S-ANJ EB-F1-S-AN	EB-E7-5	EB-17-5 EB-11-5-PA)
EB-F1-S EB-F1-S - DAY EB-F1-S - EB-F1-S - DAY EB-F1-S - EB-F1-S - DAY EB-F1-S	EB-F5-5	EB-65-3 ED TIES LOS LOS AF Samples
EB-F7,65,H6-TB(Rimmy Lab 16) EB-F7,65,H6-GA-TB(Lot TripBlint) Samples to be Shipped Via Fedy on 2/25/5B Chemical Parameter Measurement Problems and/or Corrective Actions or deviations for approved SAP: On-site personnel responsible for chemical parameter measurement and sample acquisition: Date 2/24/5	EB-H7-5	EB-149-5 ED E7-5-RAJ
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te 2-21-98 eather: 50° - 81° Temperature 50° - 81°	
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Temperature Wind Speed and Direction	
Wind Speed and Direction Barometric Reading	
	
Other	
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hemical Data Acquisition Guets Table	4
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On-site personnel responsible for chemical parame	ter measurement and sample
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On-site personnel responsible for chemical parametrical p	ter measurement and sample Date 2.27-96
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Table 4

Sample Table

iemple ocation - ID Number	Sample Matrix	Sample Number (Primary Lab)	QC Sample Number (Primary Lab)	Associated Trip Blank Number (Primary Lab)	Associated Rinaste Blank (Primary Lab)	Sample Number (QA Lab)	Associated Trip Blank Number (QA Lab)	Associated Rinsate Blank (QA Lub)
B-HS	sel	/				 		
ER-HL	Soil	1	_	-	-			
EB-H7	5.1	+	_	_				
FB-H6	121	+ "	-					
FB-IS	God		17					
FR-T5-Y		-		/				
II - TB	unter	1					_	
ER-16 ER-17	,	1						
ER-IS	TT	/			_	+-	-	
EB-TS	• /				_	-		
I-78-0					_			

Note: This table is to be completed in the field based upon the actual samples taken.

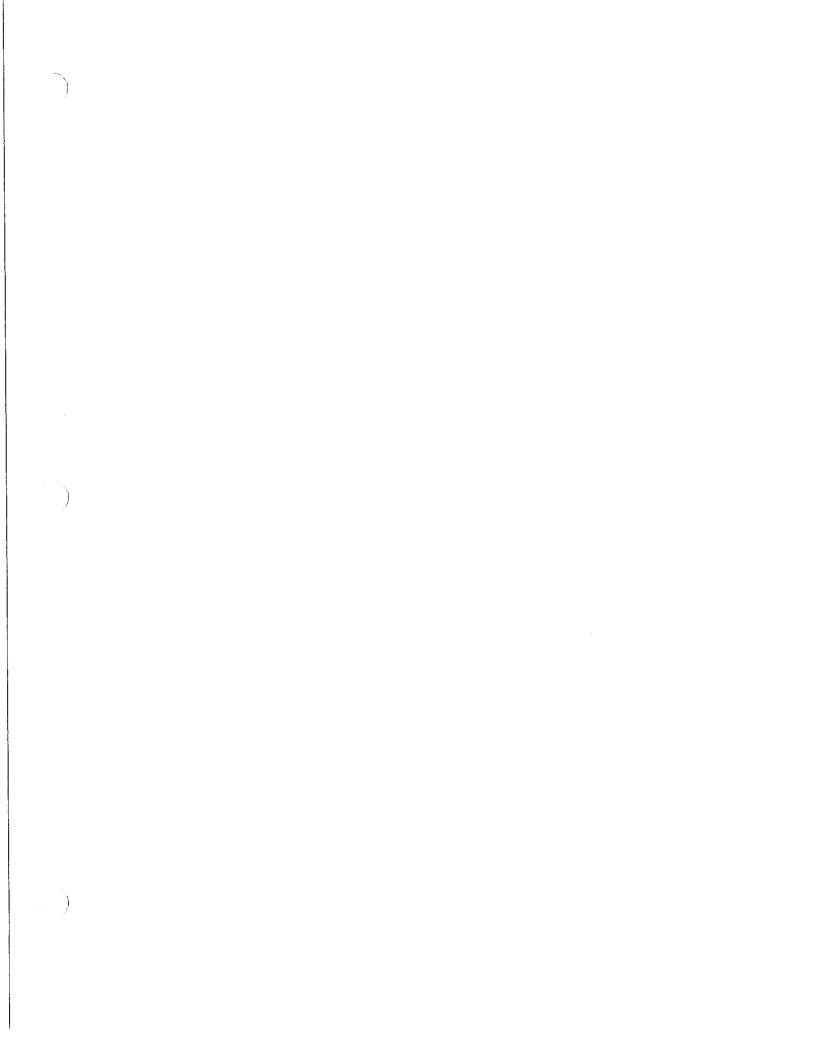




Table 4

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Sample Table

Sample Matrix	Sample Number (Primary Lab)	QC Sample Number (Primary Lab)	Associated Trip Blank Number (Primary Lab)	Associated Rinsate Blank (Primary Lab)	Sample Number (QA Lab)	Associated Trip Blank Number (QA Lab)	Associated Rinsate Blank (QA Lab)
Soil	V					 	<u> </u>
Sich					1		
soil	/	 		1	1		
gil	1/			 			
bol	/				1		
2 16 A	1						
.	1						
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-X gal		-\ <u>'</u>	17				
					1		
	Sail Sail Sail Sail Sail Sail Sail Sail	Matrix Number (Primary Lab) Soil V S	Sample Matrix Number (Primary Lab) Soil Sample Number (Primary Lab) Sample Number (Primary Lab) Six V Saix V Sample Number (Primary Lab) Six V Saix V Saix V Sample Number (Primary Lab) Six V Saix V S	Sample Number (Primary Lab) Sample Number (Primary Lab) Said Sa	Sample Number (Primary Lab) Siri V Lab)	Sample Number (Primary Lab) Sample Number (Primary Lab) Sixt V Sixt	

Note: This table is to be completed in the field based upon the actual samples taken.







Sample Table

Sample Location - ID Number	Sample Matrix	Sample Number (Primary Lab)	QC Sample Number (Primary Lab)	Associated Trip Blank Number (Primary Lab)	Associated Rinsate Blank (Primary Lab)	Sample Number (QA Lab)	Associated Trip Blank Number (QA Lab)	Associated Rinsate Blank (QA Lab)
EB-F6	sil	/		ļ			-	
EB-F7	Gril	/		 			- 	1
EB-F8	sal	/			-	-		1
EW-65-6	sil	/		_	 	 	-	1
EW-G5-b	soil	/			 	-		
EB-G5	1	1				 	 	1
EB-G6	god	1				+	 	1
EB-G7	gil	/			-	+	-	
EB-G8	guil	/		_				
EB-68-)					_		-	
II-TA					_	1		
EB-68-								
I-TE	1					l		

Note: This table is to be completed in the field based upon the actual samples taken.

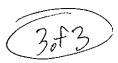


Table 4

Sample Table

Sample Location - ID Number	Sample Matrix	Sample Number (Primary Lab)	QC Sample Number (Primary Lab)	Associated Trip Blank Number (Primary Lab)	Associated Rinsate Blank (Primary Lab)	Sample Number (QA Lab)	Associated Trip Blank Number (QA Lab)	Associated Rinsate Blank (QA Lub)
EB-HS	sail	/	<u> </u>	 	<u> </u>	1	 	
ER-H6	Said	/	<u> </u>	<u> </u>			+	1
EB-H7	Soil	/	 			-	1	
FB-H8	sil						-	
EB-IS	God						-	
EB-IS-X	pil	<u> </u>	V			-		
TT - TB	unter							
EB-I6	sint	\ \ \			- 	 		
EB-I7	nel	/	_	_	_			
E8-I8	Sil					1		
EB-I5-	0 goil				_	 		
I-TB-ca	. ,							

Note: This table is to be completed in the field based upon the actual samples taken.

Page Id-

Table 4

Sample Table

	Sample Location - ID Number	Sample Matrix	Sample Number (Primary Lab)	QC Sample Number (Primary Lab)	Associated Trip Blank Number (Primary Lab)	Associated Rinsate Blank (Primary Lab)	Sample Number (QA Lab)	Associated Trip Blank Number (QA Lab)	Associated Rinsate Blank (QA Lab)	
12/11/97	501 Sim. Arcraft	50/id	od Sim Aildaft 002	Ø	Ø	Ø		Ø	J.	
12/18/91	5im. Aircoft Con Pad-Estool	Solid Sold	Sim. Aircraft Canpad-Es-pol	D D	Ê S	Ø	Ø	Ø	Ø	
141971	Conad-DM-wi		Capad-DM-001	Ø	Ø	Ø	Ø	Ø	<i>O</i>	
Noina	AlmTakspool HPHI-ES-001	Solid Solid	AMTAK-SD-001 HPH-ES-001	Ø Ø	Trip Black	0	HP#1-85-003	Trip Black	Ø Ø	
1/12/98	HP#]-E5-002		HP#1-E5-002	Ø	н	Ø	/1	11	Ø	W
	1									W
1/20/98	HP#2-E5- CC/ HP#3-E5-	5,2	HP#2-ES- 001-X HP#3-ES-	HP#2-E5- 001-0 HP#3-E5-	HP#2-X- TB HP#3-X-	B	HP#2-E5- 001-OA HP#3-E5-	HP#2,3,4- OA-TB HP#2,3,4-	B	
//21/98	HP#4-ES-	Sål Sål	001-X HP#4-E5- COI-X	1001-0 11944-ES- 001-0	TB HP#4-X- TB	0	DOI-DA HP#4-ES- DOI-DA	DA-TR HP#23,4- DA-TR	8	
	001		<u> </u>]

Note: This table is to be completed in the field based upon the actual samples taken.

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Table 4

Sample Table

	Sample Location - ID Number	Sample Matrix	Sample Number (Primary Lab)	QC Sample Number (Primary Lab)	Associated Trip Blank Number (Primary Lab)	Associated Rinsate Blank (Primary Lab)	Sample Number (QA Lab)	Associated Trip Blank Number (QA Lab)	Associated Rinsate Blank (QA Lab)	
1/28/18	106-001-00	Water	106-001-WW X	106-01-WW	106-X-TB	Ø	106-001-WW QA	106-QA TB	Ø	of
iselse	10611-001- SWW-X	water	104M-001- SWW-X	Ø	Ø	Ø	Ø	8	Ø	shippe
1/29/48	106T-00Z-	water		104T-00Z SWW-0	106-5WW TB	ø	106T-002- SWW-QA	106-SWW-	Ø	5 106-5W
1/21/98	106B-003- SWW-X	Water	106B-003- SWW-X	Ø	8	V	ø	0	B	106-501
1/29/98	Heap#5-85001	soil	HCap \$5-15 001-X	Hexp#5-ESM O	B	Ø	HCQP#5-ESON - QA	Ø	0	FOR HON
. 2-46		. 1.	106-001-							
1-30-46			SWW-X-	Ø	N.	Ø	6	0	0	
O'Ser's	106-002-5WW	Wall	Scow-Z	Ø	ø	Ø	5	ø	Ø	
´, Α, , ,	106-003-SWW	wate	106-003- SWW-4	ø	B	ø	pr	Þ	₽	
) % (079 - 001 SUL	wrtu	079-001-5UD	8	F	Ø	ø-	Ø	18°	
۲ (679-002-5WW	unter	D79-002-5WJ Q	Ø	106-5WD 4079 SWW-TB	P	ø	ø	Ø	

Note: This table is to be completed in the field based upon the actual samples taken.

Table 4
Sample Table

	Sample Location - ID Number	Sample Matrix	Sample Number (Primary Lab)	QC Sample Number (Primary Lab)	Associated Trip Blank Number (Primary Lab)	Associated Rinsate Blank (Primary Lab)	Sample Number (QA Lab)	Associated Trip Blank Number (QA Lab)	Associated Rinsate Blank (QA Lub)
2/12/98	Heap \$ 6-ES-801	ocil	Heap#6-ES- 001-X	Heap #10-15- 001 - 0	Неар*6-Х- ТВ	Heap#lo-X- RA	Неср#6-ES- 001 - QA	Heap+lo-Eng QA -TB	/
2/16/98	EB-Jlo-S	soil	EB-J6-S	EB-TG-SQC	EB-JLOS-TB		EB-JLY-S-QA		
2/16/98	EB-K5-5	Soil							
!	EB-15-5	Soil	_	1					
416/98	EB-JS-5	Soil	_		-			~	
·	B-I-55								
S god	CR-15-5					/			
_	EB-18-5								
	EB-18-5					/			
\	EB-L8-5						_		
, ,	EB-K7-5	-				/			
Joh 3	FB-K7-S				_	_	-		
(EB-K8-5	₩		/		1		ノ	

Note: This table is to be completed in the field based upon the actual samples taken.

Table 4
Sample Table

	Sample Location - ID Number	Sample Matrix	Sample Number (Primary Lab)	QC Sample Number (Primary Lab)	Associated Trip Blank Number (Primary Lab)	Associated Rinsate Blank (Primary Lab)	Sample Number (QA Lab)	Associated Trip Blank Number (QA Lab)	Associated Rinsate Blank (QA Lab)
	EB-57-S	Soil	{	1	(~	
	EB-16-S				-				
	EB-K6-S			,					
	EB-I7-S			سير	}				<u></u>
•	EB-L7-5		<u></u>	/	1			~	,
,	EB-J6-5	D		_	-	~			
2/18/58	P	- Soil	How#725-001	Hep#7-85-001	Hear 47.X		Hey#7-85-001	Hay #7-QA- TB	
	eb·es-5								
	EB-F8-5 #8-								
$\rightarrow l$	EB-68-5			<u> </u>					
	EB-68-5 Dup								
	EB-48-5								
1	EB-16-5	<i>y</i>				<u> </u>		<u> </u>	

Note: This table is to be completed in the field based upon the actual samples taken.

Table 4
Sample Table

:	Sample Location - ID Number	Sample Matrix	Sample Number (Primary Lab)	QC Sample Number (Primary Lab)	Associated Trip Blank Number (Primary Lab)	Associated Rinsate Blank (Primary Lab)	Sample Number (QA Lab)	Associated Trip Blank Number (QA Lab)	Associated Rinsate Blank (QA Lab)
2/18/48	EB-I4-5	soil							
2/11/18	EB-I4-S EB-T4-S								
ट/18/s s	EB-K4-S	U							
2/24/98	EB-H6-5	50:1	,	EB-H6-5-QC	EB-HL, E7, 15 TB		EB-116-5-WA	EB-H6, E7, 65 QA-TB	
	Eb-Eb-5								· · · · · · · · · · · · · · · · · · ·
	EB-E75			EB-E7-5-	X X		EB-E7-5-QA		
	EB-F5-5								
	EB-H7-5								
	EB-F6-5		<u> </u>						
)	EB-67-5								
	EB-66-5								
	EB-F7-5 EB-65-5						0.000.00		
	EB-65-5	<u>√</u>		E6-66-5-GC			EB-45-3-0A		

Note: This table is to be completed in the field based upon the actual samples taken.