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Soil Remedial Action Report Hunter Army Airfield Fire Training Center (HAA-01) Hunter Army Airfield, Georgia Prepared for: U.S. Army Corps of Engineers and Fort Stewart Directorate of Public Works Under Contract # DACA21-97-C-0042 Prepared by: Omega Environmental Services Geosciences, Inc. October 1998 Volume I of VI



October 1, 1998

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

SUBJECT: Soil Remedial Action (RA) 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 Soil Remedial Action (RA) Report for the above referenced site. This report includes six volumes. 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

David Price Environmental Specialist

Travis A. Sheppard, R.E.H.S. Environmental Health Specialist Ga. Reg. # 224

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TAS/TED/tas

Attachments



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EXECUTIVE SUMMARY

This Soil Remedial Action (RA) Report summarizes the activities accomplished and findings developed for work associated with the source (i.e., contaminated soil) Remedial Action (RA) at the Hunter Army Airfield Fire Training Area (HAAF FTA), HAA-01, 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, Volume I, 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 aboveground storage tank (AST). A smaller aluminum AST was situated just east of the berm (see Figure 3, Volume 1, Appendix I).

Both 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 soil and groundwater at the site were contaminated with petroleum hydrocarbons, Volatile Organic Compounds (VOCs), Semivolatile Organic Compounds (SVOCs), and potentially metals.

This Soil Remedial Action accomplished the removal and proper disposal 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 project generated 9,430.04 tons of contaminated soils; 233.55 tons of demolished concrete debris; 81,906 gallons of waste water; 7 drums of nonhazardous waste; and 1 drum of hazardous waste.

The Soil Remedial Action was completed in accordance with the project specifications. Site/field observations and results of the confirmatory soil sampling conducted indicate that soil and groundwater contamination remains at the HAAF FTA (HAA-01).

1.0 PROJECT SUMMARY

This project summary is compiled from site observations and review of Daily Construction Reports and Daily Quality Control Reports which were provided to the COE during the course of the project. The site set-up is depicted on Figure 3, Volume I, 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 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 6, Volume II, Appendix III); 81,906 gallons of waste water (see Section 7, Volume II, Appendix III); 7 drums of nonhazardous waste; and 1 drum of hazardous waste (see Section 8, Volume II, Appendix III). Certificates of disposal for the scrapped metal tanks and equipment are included in Section 4, Volume II, Appendix III.

The excavation was approximately 140 feet across at the widest point and approximately 230 feet long. Approximately 25% to 30% of the excavation was approximately 7 feet deep (below the Fire Training Concrete Pad area). The remaining areas of the excavation were approximately 5 to 6 feet deep.

The specific dimensions and the specific depth of a given area in the excavation may be determined by comparing the difference in elevation contour line values shown on Figure 4, Pre-Excavation Layout and Contours Map with Figure 5, Post-Excavation Layout and Contours Map (see Volume I, Appendix I).

1.1 A Chronological Summary Of Pertinent Site Activities

11-18-97 Set-up of decontamination pad, perimeter fence, exclusion zone, and silt control. Utilities location performed.
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.

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- 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 recycling facility. Began demolition of the concrete pad. Began hand digging to expose utility 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 to the COE in the January 7, 1998 Daily Construction Quality Control Report. In accordance with the contract specifications, and per the request of the COE representative, monitoring wells MW-1 through MW-13 were measured for the depth to free product and/or groundwater before commencing with remedial soil excavation activities. No free product was encountered in the other wells evaluated.
- 1-12-98 Utilities excavated. Approximately 400 cubic yards of soil stockpiled. Soil stockpile samples collected.
- 1-13-98 All demolished concrete hauled to Soil Safe Technologies, Inc., approximately 16 truck loads (see Volume II, Section 9). Continued excavation of soil, approximately 550 cubic yards.
- 1-20-98 Loadout (transported off the site) 54 truck loads of soil. Pit water and free product noted in excavation.
- 1-21-98 Loadout 50 truck loads of soil. Stockpiled soil 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.

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- 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 removed from holding tank and taken to Georgia Petroleum, Inc. 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 of soil. 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 confirmatory soil sampling. Collected 27 confirmatory soil samples and three QC soil samples for submittal to the primary laboratory. Collected three QA soil samples for the COE laboratory. Samples shipped to the respective laboratories via Federal Express Priority Overnight delivery.
- 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 confirmatory soil samples shipped to the laboratories.

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3-4-98	Hauled in 117 truck loads of backfill and compaction conducted. Loadout two tankers of pit water, approximately 11,000 gallons. Removed and hauled to Georgia Petroleum, Inc. for disposal.
3-5-98	Hauled in 163 truck loads of backfill and compaction conducted.
3-6-98	Hauled in 69 truck loads of backfill and compaction conducted.
3-9-98	Cleaned water holding tank.
3-10-98	Hauled in 132 truck loads of backfill and compaction conducted. Loadout one hazardous waste drum.
3-12-98	Site restoration.
3-13-98	Hauled out approximately 13,000 gallons of waste water and one truck load of soil.
3-16-98	Placed 31 truck loads of top soil and continued site restoration.
3-20-98	EMC Engineering submitted the final survey.
3-23-98	Hydro-seeding conducted.
3-27-98	Demobilization from the site.

1.2 Subcontractors

OES retained Geosciences, Inc. to perform field sampling of environmental media, provide immunoassay screening of soils, and compile data for preparation of the Soil Remedial Action 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.

2.0 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. Each of the sample locations were determined by a Registered Land Surveyor. A flagged survey stake was placed in the excavation at each surveyed sample point. The elevation of each excavation base sample point is shown on Figure 6, Volume I, Appendix I. The sample depths of base samples were determined by subtracting those values from the Pre-Excavation Layout and Contours Map, Figure 4, Volume I, Appendix I. Side wall samples were collected from the midpoint to lower one/third of each sidewall. The calculated sample depths (from land surface) are presented in Table 1, Volume I, Appendix I. The sample location identification numbers are depicted on Figures 6 and 7, Volume I, Appendix I.

There were 55 confirmatory soil samples collected. Since the soil sampling depth at the excavation limits was restricted to soil depths between 6 inches and 1 foot, the stainless steel scoop sampling procedure was utilized. For this method, a typical garden spade was used to remove the top cover of soil to a depth of 6 inches and a smaller stainless steel scoop was used to collect the sample. The sampling procedure used is detailed as follows:

- o Prior to sample collection, the soil sample location and approximate depth were noted in the field logbook.
- o Plastic sheeting was placed on the ground around the sampling location to prevent cross-contamination.
- o The top layer of soil was carefully removed to the desired sample depth with a decontaminated spade.
- o Using the decontaminated stainless steel scoop, the sample aliquot for VOC analysis was collected first, then remaining soil was homogenized in a stainless steel bowl for collection of other sample parameters.
- o The samples were transferred into the appropriate sample container with a stainless steel spoon.
- o The sample container caps were secured tightly.
- o The sample bottle was labeled with the appropriate sample label including categories and parameters.

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- o The filled sample containers were immediately placed on ice.
- o The chain-of-custody documents were completed, and copies of the chain-of-custody were provided to the COE.
- o The samples were carefully packaged and prepared for shipment to the laboratories.
- o Sampling equipment was decontaminated after use and between sample locations.
- o Preservation methods for the soil samples included no headspace in the sample container, refrigeration, and protection from light. The sample jars were closed as soon as possible after filling.
- o A clean pair of new, disposable gloves were worn each time a different location was sampled and gloves were donned immediately prior to sampling.
- o Sample containers were placed in separate plastic bags immediately after collecting, preserving, and labeling.

The soil samples were submitted to Accura Analytical Laboratory for analytical testing of TCLP metals, RCRA Metals, PAHs, BTEX, Organochlorine Pesticides, PCBs, and TPH (DRO). Quality Control (QC) and Quality Assurance (QA) duplicates/splits were collected at a 10% frequency. Copies of the laboratory reports and chain of custody forms are presented in Section 1, Volume I, Appendix II.

The confirmatory soil sampling results which exceeded the reported detection limits are presented in tabular format in Volume I, 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. *The bold and italicized results indicate samples exceeding HSRA NCs*. The analytical results of approximately 34 of the 55 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.

3.0 CONCLUSIONS

Omega Environmental Services, Inc. has completed the Soil Remedial 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, and approximately 9430 tons of contaminated soil was removed from the site. 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 to specification grades, and hydro-seeded.

Based on Geosciences observations, the immunoassay screening, and analytical data presented in this report, soil and groundwater contamination remain at the site. Over 85% of the immunoassay screening results exceeded the highest control reference used, 592 ppm. Over 50% of the soil confirmation sample locations yielded results exceeding an NC under HSRA. Free product was observed in the excavation and in a downgradient monitoring well, MW-7.

Benzene was the primary constituent which exceeded HSRA regulatory levels (30 of the 55 confirmatory samples were above the NC for Benzene). Ethylbenzene, toluene, and xylenes also exceeded NC. The confirmatory soil sample results indicate that contamination was primarily encountered at the excavation base, 4.94 feet to 8.33 feet below land surface (the minimum and maximum excavation base sampling depths). The north and south excavation wall soil samples also yielded higher levels of contamination (approximately $2\frac{1}{2}$ to $3\frac{1}{2}$ feet below land surface). Otherwise, the results exceeding NCs were dispersed over the entire area sampled, and there did not appear to be an overt "trend" indicating a particular pattern or area of contamination.

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APPENDIX I

TABLE 1, CONFIRMATORY SOIL SAMPLING RESULTS SUMMARY FIGURE 1, SITE LOCATION MAP FIGURE 2, SITE LOCATION MAP, U.S.G.S. FIGURE 3, SITE BASE MAP (PRIOR TO SOIL RA) FIGURE 4, PRE-EXCAVATION LAYOUT AND CONTOURS MAP FIGURE 5, POST-EXCAVATION LAYOUT AND CONTOURS MAP FIGURE 6, CONFIRMATORY SOIL SAMPLES: LOCATION MAP FIGURE 7, CONFIRMATORY SOIL SAMPLES: LOCATION MAP

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Table 1: Results of Confirmatory Soil Sampling Conducted at HAAF Fire Training Area (HAA-01)

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Table 1: Results of Confirmatory Soil Sampling Conducted at HAAF Fire Training Area (HAA-01)	· Soil Sampling Cond	lucted at	HAAF	Fire Tr	aining	Area (I	IAA-01	Ţ
Sample ID: Media Sample Type:	Screening Limits HSRA TCLP Threshold Hazardous	EB-E8 P Soil ous grab	EW-F5 Soil grab	EB-F5 Soil grab	EB-F5-X Soil grab	EB-F6 Soil grab	EB-F7 Soil grab	EB-F8 Soil grab
Collection Date: Sample Depth in Feet: Units	Levels Levels* mg/kg mg/L	•	•	02/26/98 6.64 mg/kg	02/26/98 6.64 mg/kg	02/26/98 8.32 mg/kg	02/26/98 7.7 mg/kg	02/26/98 6.04 mg/kg
VOCs/PETROLEUM HYDROCARBONS Benzene Result Benzene Detection Limit Ethylbenzene Toluene Xylenes TPH			5	0.014(J) 0.025 BDL BDL BDL 0.064 62	0.14(J) 0.25 BDL BDL 4.6 35	0.17(J) 0.5 0.5 BDL 22 820	1.4 0.5 BDL 11 3100	1.4(J) 2.5 18 BDL 62 1100
RCRA METALS Barium Cadmium Chromium Lead	500 39 300 300	11 0.6 BDL 15	10 0.9 BDL 18	11 BDL BDL	11 BDL BDL 5.5	BDL BDL BDL	10 0.9 23 23	13 BDL BDL 7.2
PAHs <u>1-Methyln</u> aphathalene 2-Methylnaphathalene Naphthalene Phenanthrene	** 100 110	13 5.8 BDL BDL	80L 80L 80L	0.48 BDL BDL BDL	BDL BDL BDL	5 6.9 BDL	15 25 BDL	5.5 BDL BDL BDL
PCBs/PESTICIDES PCB-1254 Dieldrin 4,4-DDE	1.55 0.66 0.66 0.66	BDL BDL BDL	80L 80L 80L	BDL BDL BDL	BDL BDL BDL BDL	BDL BDL BDL	BDL BDL BDL	BDL BDL BDL

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TCLP METALS Barium

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Table 1: Results of Confirmatory Soil Sampling Conducted at HAAF Fire Training Area (HAA-01)	EB-H6 Soil grab	02/26/98 02/26/98 02/26/98 02/26/98 02/ 5.43 5.67 6 mg/L mg/kg mg/kg m	0.96(J) 2.5 12 BDL 16	1900 1600 6.5 10 BDL BDL 16 BDL 16 BDL	** 8.6 8.3 * 12 11 10 8.1 BDL BDL BDL BDL	1.55 0.66 0.66 BDL BDL BDL 0.66 BDL BDL BDL 0.66 BDL BDL BDL 0.66	100 BDL BDL E
ire Training Area (EB-H8 Soil grab	02/26/98 02/26/98 02/26/98 6.15 6.04 5.26 mg/kg mg/kg mg/kg	BDL 2.5 9 38	990 301 - 15 20	6.4 5.5 BDL 8.7 7.5 BDL 5.5 4.5 BDL 5.1 A.5 BDL BDL BDL BDL	BDL BDL BDL BDL BDL BDL BDL BDL BDL BDL BDL BDL	BDL BDL BDL
(10-AAH		02/26/98 02/26/98 5.26 5.87 mg/kg mg/kg		•	BDL 30 BDL 39 BDL 14 BDL BDL	BDL BDL BDL BDL BDL BDL BDL BDL	BDL BDL

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Sample ID:	Screening Limits	Limits	EB-17	EB-18	EW-H4	EW-I4-a	EW-I4-b	EB-L8	EW-L8-b
Media Sample Type:	HSRA Threshold	TCLP Hazardous	Soil grab	Soil grab	Soil grab	Soil grab	Soil grab	Soil grab	Soil grab
	Levels	Levels*	,))))))
Collection Date:			02/26/98	02/26/98	03/03/98	03/03/98	03/03/98	03/03/98	03/03/98
Sample Depth in Feet:	Ţ	I	6.11	6.29	3.16	2.58	2.67	7.59	3.8
Units	mg/kg	mg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs/PETROLEUM HYDROCARBONS									
Benzene Result	0.02		0.56(J)	BDL	BDL	BDL	BDL	BDL	2.9
Benzene Detection Limit	ç		2.5	2.5	0.01	- 2	0.005	2.5	1.3
ьцяуюепzепе Торьне	20 14 4		2 2		מרר מכור	ק ק ק			S IC
Xylenes	20		34	BDL	BDL	BDL	BDL	51	100
HdL	*		2200	840	BDL	1504	BDL	4000	13,000
RCRA METALS									
Barium	500		8.1	9.4	7.8	7.1	9.2	10	12
Cadmium	39		BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chromium Taad	1200 300			וטא המ	BUL 5.6	BUL	9. г 4. г	BDL BDI	BDL 11
LCau	000		00LL	פער	0.0	0.0		DUL	Ξ
PAHs		-							
1-Methylnaphathalene	* *		÷ +	5 7 7 7 7	BDL BDL	7.7	BDL	÷;	40 04 0
z-Inteury inapinatualene Naphthalene	100		<u>5</u> 5	- 4 1 4	BDL BDL	- 18		9.5 9.5	BDL BDL
Phenanthrene	110		BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCBs/PESTICIDES									
PCB-1254 Dieldrin	1.55 0.66		BDL BDL	BDL BDL	BDL BDL	BDL BDI	BDL BDI		0.081 BDI
4,4-DDD	0.66				0.0076	0.0043	0.0085		
4,4-0,00	00.0		DUL	00L	C 100.0	2000.0	0.000	DUL	סטר
TCLP METALS Barium		100	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 1: Results of Confirmatory Soil Sampling Conducted at HAAF Fire Training Area (HAA-01)

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Table 1: Results of Confirmatory Soil Sampling Co

Sample ID:	Screening Limits		EW-L8-a	EB-L7	EW-L7	EB-1.6	EW-L6	EW-1 6-X	Ê.₿_1.≤
Media	HSRA	CLP	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type:	Threshold Levels	Hazardous Levels*	grab	grab	grab	grab	grab	grab	grab
Collection Date:			03/03/98	03/03/98	03/03/98	03/03/98	03/03/98	03/03/98	03/03/98
Sample Deput III Feet: Mits	ma/ba		3.32 me/ha	7.28	3.31	7.78	3.42	3.42	5.43
	HE AS	шġп	mg/kg	mg/kg	mg/kg	mg/Kg	mg/Kg	mg/Kg	mg/kg
VOCs/PETROLEUM HYDROCARBONS									
Benzene Result	0.02		BDL	ŝ	0.0059	2.5	BDL	BDL	1.2
Benzene Detection Limit			0.005	1.3	0.005	1.3	0.005	0.005	0.25
Ethylbenzene <i>x</i>	20		BDL	37	BDL	23	BDL	BDL	9.4
l oluene Xvlenes	14.4 20			s BDL		BDL	BDL BDL	BDL	BDL î îî
HdL) * 1		1400	8900 8900	BDL	2.2 2800			0.96 12 000
				1				1	
RCKA METALS Rorium	E00			ç	Ċ			9	
Cadmium	30 30		BDL	5 BDI	4.9 4.1	LT ICIR		13 13	9.9 R.N
Chromium	1200		BDL	BDL	BDL	BDL	BDL	BDL	BDL
Lead	300		BDL	16	BDL	BDL	BDL	BDL	9.7
PAHs	;		i	(!		
1-мешушариацианене 2-Methylnaphathalene	**		BDL	15 21	BDL BDI	7.2	BDL BDL		35 47
Naphthalene	100		BDL	14	BDL	7.3	BDL	BDL	36
			סטר	BUL	BUL	cc.0	BUL	BUL	BDL
PCBs/PESIICIDES PCB-1254	1.55	·	BDL	0.026	BDL	BDL	ED1	RDI	ICI ICI ICI
Diełdrin	0.66		BDL	BDL	BDL	BDL	BDL	BDL	BDL
4,4-DDD 4.4-DDE	0.66 0.66		BDL	BDL	BDL BDL	BDL	ا م م	BDL	0.015
			С С С Г	טער	DCL	001	DUL	BUL	0.024
TCLP METALS Barium		100	BDL	BDI	ICIA				د ۳
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Sample ID:	Screening Limits	r Limite	4 7 I MA	EW 1 5 0) 9/1 GJ			
Media 	HSRA	TCLP	Soil	Soil	EW-L4 Soil	Soil Soil	EB-K/ Soil	E.B-K6 Soil	EB-K5 Soil
Sample Lype:	Threshold Levels	Hazardous Levels*	grab	grab	grab	grab	grab	grab	grab
Collection Date:			03/03/98	03/03/98	03/03/98	03/03/98	03/03/98	03/03/98	03/03/98
Sample Depth in Feet:			2.49	2.59	2.29	7.05	8.11	8.25	4.94
URICS	mg/kg	mg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs/PETROLEUM HYDROCARBONS									
Benzene Result	0.02		0.06(J)	0.45	0.1(J)	1.4	6.9	1.3	0.089(.1)
Benzene Detection Limit			0.25	0.25	0.25	0.25	0.25	0.25	0.25
Ethylbenzene Toluene	20		BDL	1.5	BDL	12	47	13	BDL
Xvlenes	20 20					۲ מ	32	0.37	BDL
ТРН) *		25	2800 2800	11,000 11,000	1800 1800	8000 8000	13 2100	BUL 1400
RCRA METALS									
Barium	500		11	12	8.9	11	18	14	, -
Садавии Сћгомјин	39 1200		BDL	BDL BDI	BDL BDL	BDL BDL		BDL BDI	BDL F o
Lead	300		BDL	16	10	BDL	7.8	BDL	15
PAHs									
1-Methylnaphathalene 2-Methylnaphathalene	* *		BDL	15 10	8.2 100	6.0 •	20	0 10 10	BDL
Naphthalene	100		BDL	BDL	BDL.	BDL	67 8.2	BDL BDL	∰ 11 EUL
Phenanthrene	110		BDL	BDL	BDL	BDL	BDL	BDL	BDL
PCBs/PESTICIDES									
v CP-1234 Dieldrin	0.66 0.66		BDL 0.01	BDL BDL	BDL BDL		<u>מ</u> קר מיקר	BDL	BDL
4,4-DDD 4.4-DDF	0.66		BDL	0.0062	0.012	BDL	BDL	BDL BDL	0.0085
	00.0		BDL	0.0095	0.012	BDL	BDL	BDL	0.019
TCLP METALS									
Barium		100	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 1: Results of Confirmatory Soil Sampling Conducted at HAAF Fire Training Area (HAA-01)

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Sample ID: Media	Screening Limits HSRA	Limits TCLP	'EB-K4 Soil		EW-K4-X Soil	EB-H4 Soil	EB-14 Soil	EB-J8 Soil	EB-J7 Soil
Sample Type:	Threshold Levels	Hazardous Levels*	grab	grab	grab	grab	grab	grab	grab
Collection Date: Sample Depth in Feet:			03/03/98 5.68	03/03/98 2.5	03/03/98 2.5	03/03/98 5.5	03/03/98 6.18	03/03/98 7.32	03/03/98 8.33
Units	mg/kg	mg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kç
VOCs/PETROLEUM HYDROCARBONS				2					
Benzene Result	0.02		0.93 0.F	BDL	BDL	BDL	BDL	4.5	3.4
Benzeae Detection Limit Ethylhenzene	20		0,0 13					<u>;</u> 5	26
Toluene	14.4		BDL	BDL	BDL	BDL	BDL	BDL	BDL
Xylenes	20 *		BDL 3700	BDL	BDL	BDL	BDL	BDL	1.4
11 TT			0000	022	8	2	C C C C C	200	3
RCRA METALS		,							
Barium	500		15	8.1	15	7.8	7.2	24	13
Cadmium	39 1200					JUB ICB		BDL BDL	
Lead	300		49	16	22	BDL	BDL	BDL	6.4
PAHs									
1-Methylnaphathalene	* *		26	BDL	BDL	BDL	BDL	2.4	9.5
2-Metryinapnatnalene Naphthalene	100		11	BDL	BDL	B D L B D	BDL BDL	000 BDL	BDL BDL
Phenanthrene	110		BDL	BDL	BDL	BDL	BDL	0.4	BDL
PCBs/PESTICIDES	្រ រេះ T		100						
Dieldrin	0.66			BDL	BDL		BDL	BDL	
4,4-DDD	0.66		BDL	0.0035	0.0042	BDL	BDL	BDL	BDL
4,4-DDE	0.66		0.0045	BDL	BUL	BUL	BDL	BDL	BUL
TCLP METALS				Č	Ĩ	Č	Č		
Barium		100	BUL	BUL	BUL	BUL	BUL	BUL	ВUГ

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Table 1: Results of Confirmatory Soil Sampling Conducted at HAAF Fire Training Area (HAA-01)	<u>y Soil Sampling</u>	Conduc	ted at]	HAAF	Fire Tr	aining	Area (HAA-01)
Sample ID: Media Sample Type:	Screening Limits HSRA I Threshold Hai	imits TCLP Hazardous	EB-J6 Soil grab	EB-J5 Soil grab	EB-J4 Soil grab	EW-J4 Soil grab	EB-E7-S-QA Soil grab
Collection Date: Sample Depth in Feet: Units	mg/kg	Levels" mg/L	03/03/98 7.89 mg/kg	03/03/98 5.41 mg/kg	03/03/98 6.1 mg/kg	03/03/98 3.05 mg/kg	02/26/98 6.95 mg/kg
VOCs/PETROLEUM HYDROCARBONS Benzene Result Benzene Detection Limit Ethylbenzene	0.02 20		3.9 1.3 32	0.016 0.005 BDL	0.01 0.005 BDI	BDL 0.005 BDI	
Toluene Xylenes TPH	14.4 20 *		BDL 28 7200	BDL 36	BDL 13	BDL 10	2590
RCRA METALS Barium Cadmium Chromium Lead	500 39 300		13 BDL 6.3	7.9 BDL 5.8	10 BDL 10 10	9.4 BDL BDL BDL	
PAHs <u>1-Methyln</u> aphathalene 2-Methylnaphathalene Naphthalene Phenanthrene	t t 100 110		25 27 11 BDL	BDL BDL BDL	BDL BDL BDL	BDL BDL BDL	
PCBs/PESTICIDES PCB-1254 Dieldrin 4,4-DDD 4,4-DDE	1.55 0.66 0.66 0.66		BDL BDL BDL	BDL BDL 0.009 0.015	BDL BDL 0.0063 BDL	BDL BDL 0.011 0.0043	
TCLP METALS Barium		100	BDL	BDL	BDL	BDL	

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at HAAF Fire Training Area (HAA-01)
Conducted a
Table 1: Results of Confirmatory Soil Sampling C

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Footnotes:

BDL -- Below Detection Limit VOC -- Volatile Organic Compound RCRA -- Resource Conservation and Recovery Act PAH -- Polynuclear Aromatic Hydrocarbon PCB -- Polychlorinated Biphenyl HSRA -- Hazardous Site Response Act TCLP -- Toxicity Characteristic Leaching Procedure, 40 CFR sec. 260

"J" flagged benzene values that have been reported for this project were calculated for benzene hits below the reporting limit. When benzene was present, this value was multiplied by the appropriate correction factor, taking into account the weight of the sample analyzed and the dilution factor.

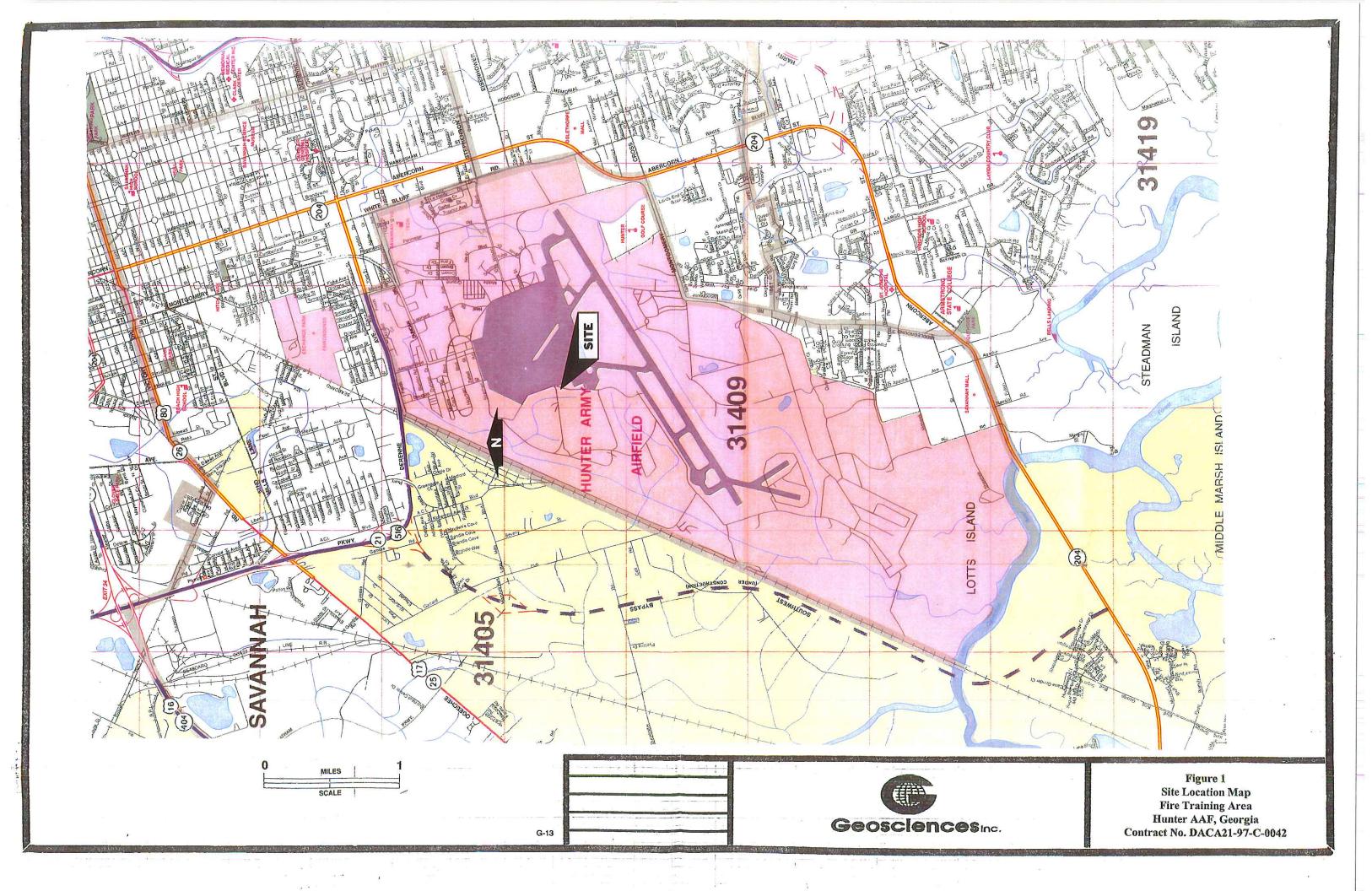
HSRA Thresholds correspond to levels presented in "Regulated Substances and Soil Concentrations that Trigger Notification," Appendix I of Georgia's Rules for Hazardous Site Response, Chapter 391-3-19. Results exceeding HSRA Thresholds are present in bold and italicized print in Table 1.

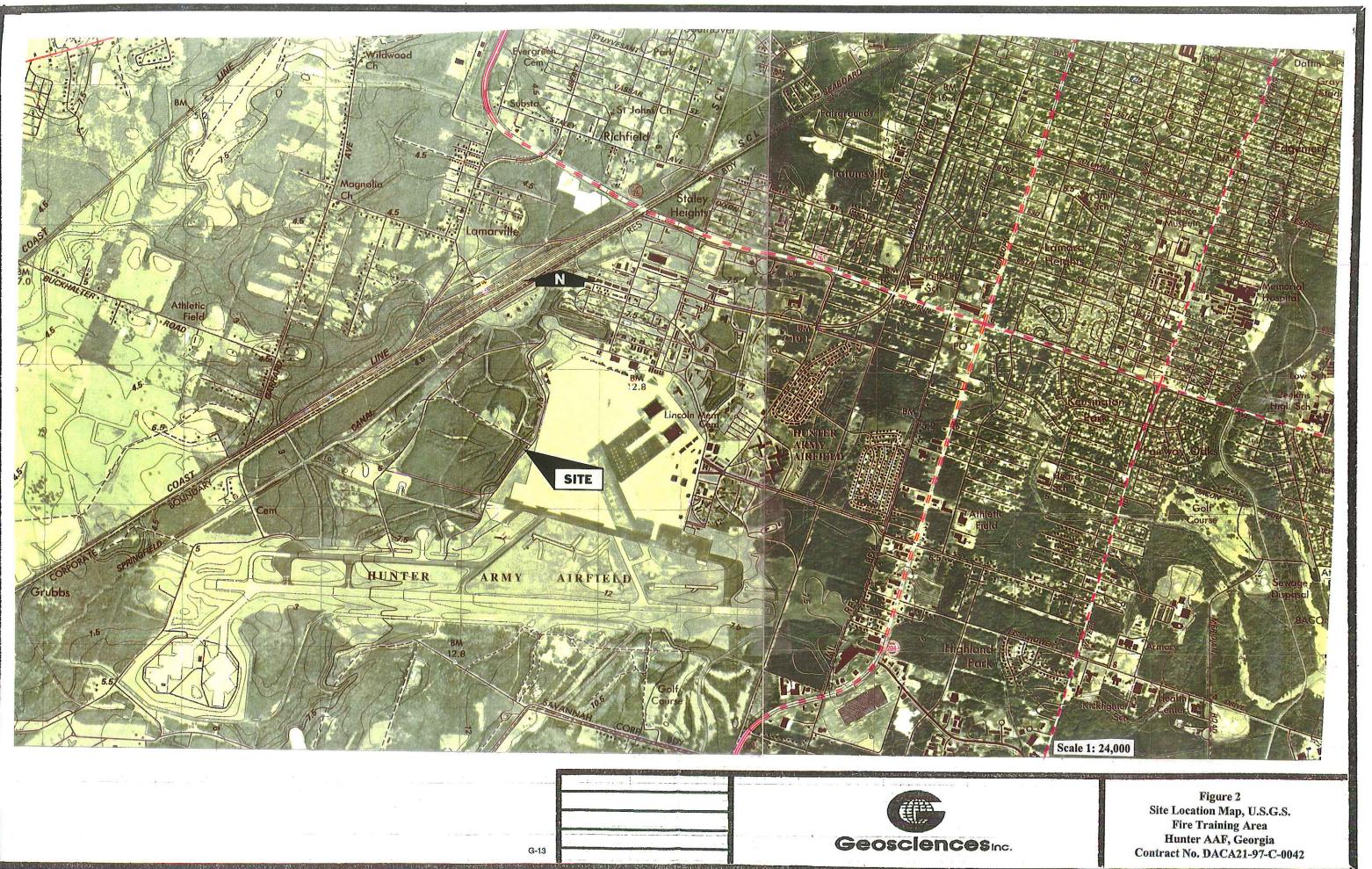
.TCLP Hazardous Levels correspond to the maximum regulatory level for concentrations of contaminants using the TCLP Method presented in 40 CFR sec. 261.24.

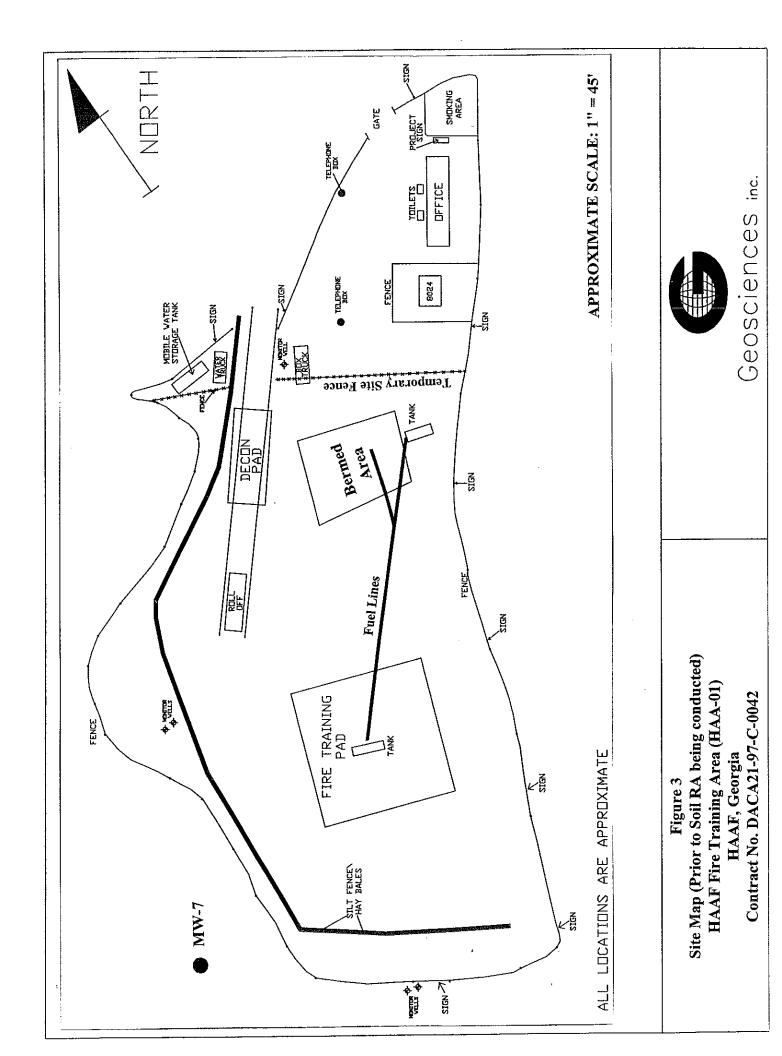
*HSRA does not list a specific regulatory limit or threshold for TPH. However, the Georgia Environmental Protection Division (EPD) sometimes requires analytical testing of groundwater if TPH in soil is not vertically delineated to BDL above the groundwater table. Also, EPD considers a TPH result greater than 10,000 mg/kg as indicative of free product.

**HSRA does not list specific regulatory limits for these constituents. However, releases of these constituents may be regulated by HSRA or 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.

The confirmatory soil samples presented in Table 1 were submitted to the primary lab in six shipments (approximately 10 to 15 samples per shipping cooler). Each of the six shipping coolers contained one trip blank and one Quality Control (QC) sample. The trip blank laboratory reports were all BDL. The QC samples were designated with an "X" after the respective duplicate/split sample identification (i.e., EB-F5 and EB-F5-X). Other duplicate/split samples were submitted as Quality Assurance (QA) samples to the U.S. Army Corps of Engineers laboratory. The QA samples were designated with a "QA" after the respective duplicate/split sample identification (i.e., EB-F5 and EB-F5-X).







APPENDIX II

CONFIRMATORY SOIL SAMPLE LABORATORY REPORTS

VOLUME I OF VI

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38827				$\overline{\Box}$	5	K	22				2/26/98	EW- F5	 ;¶
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4Z82			~	1			8				2/26/98	EW-ES-a	•
5728						-	3				2/26/98	EB-ET	
3322	1	1	5	× 1		-	S				2/26/98	EW-E7-a	ŧ
363.21						-	N				2/26/98	EB-E6	<u> /</u>
38320					<u> </u>	$\overline{}$	w				2/26/98	EW-E6-6	<u>,</u>
P1555		1/1				F	10				2/24/98	EW-Eb-a	<u>, </u>
Remarks AAL#: AB	<u>TPH</u>	Pocti PCF	O rann	PA	RCR	TCL	No. of Containers	Station Location:	Preserved	Grab Matrix	Sample Date / Time Comp	Station #	
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AAL Project# 15 782	-1	Ľ,	י א י אי	into LIMS	Entered into LIMS	5	7	N9	is Ship	Tippis	Herning In	Contact Name:	0
OF .			K	Seal:	Custody Se			2	- Ar	Somice	a Enviranmented	Company Name: <u>(mequ</u> Address: 4/1/1/	> O
Phone # (770) 449-8800 Fax # (770) 449-5477	Phone # (770) 449	For						CITATIA OL					1
8	5017 F												
- <i>A</i> 09673	Н		INC.	CORY, INC.	RATO	ABO	CAL L	ACCURA ANALYTICAL LABORA	ACCU				

Matrix Institut (C = Carliany) (C =	1/26/18 Parttany Made 217198 9:50mm					-T-7B 2/2/98 2 2	- EB-F5-X 2/2/98 1	Parti Parti	Chill Taris Shepred Market Willow	Saphhers: (signature) Samplers: (nrinted)		Client Project # //#////////////////////////////////	# (1/2)757-1/26 Fax # (1/2)757-1/698 Sample Condition:	June: Coexciences Interformed Schemented Intered into LIMS:	1 DJ C. Y. D T. Level A Description Custody Seal: Y N	And T. JIC -	6017 Financial Driv CHAIN OF CUSTODY Phone # (770) 449-	ACCURA ANALYTICAL LABORATORY, INC.	
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ACCURA ANALYTICAL LABORATORY, INC.

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

Project Number: <u>15782</u> Client Project: Hunter AAF Fire Training Area / DACA21-97-C-0042

The "J" flagged benzene values that have been reported for this project were calculated in the following manner:

The dilution data was checked for Benzene hits below the reporting limit. When Benzene was present, this value was multiplied by the appropriate correction factor, taking into account the weight of sample analyzed and the dilution factor.

Analyst

ACCURA ANALYTICAL LABORATORY, INC.

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

CASE NARRATIVE for Project Number: <u>15782-Revision</u> 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, resulting in elevated detection limits:

BTEX - SW-8	<u>46-8260A</u>					
Benzene -	EW-E6-B	EW-E7-A				
Ethyl benzene	- EW-B	E6-A ΕΫ	V-E6-B	EW-E7-A	EB-E7	EW-E8-A
	EB-E	8				
Xylenes -	EW-E6-A	EW-E6-B	EV	V-E7-A	EB-E7	EW-E8-A
	EB-E8 E	B-F5 EB	-F5-X			
<u>PAH - SW-84</u>	<u>6-8270B</u>					
EW-E6-A	EW-E7-A	EB-E7	EB-E8			
<u>DRO - SW-8</u>	<u>46-8015</u>					
EW-E6-A	EW-E7-A	EB-E7	EB-E8			

2. The following samples required dilution due to matrix interference, resulting in elevated detection limits:

<u>BTEX - SW-8</u>	<u>46-8260A</u>						
Benzene -	EW-E6-A	EB-E7	EW-E8-A	EB-E8	EW-F5	EB-F5	
	EB-F5-X						
Ethyl benzene	- EW-F:	5 EB-F5	EB-F5-X			,	
Toluene -	EW-E6-A	EW-E6-B	EW-E7-A	EB-E7	EW-E	8-A	EB-E8
	EW-F5	EB-F5	EB-F5-X				
Xylenes -	EW-F5						
<u>PAH - SW-840</u>	<u>5-8270B</u>						
EW-E6-A	EW-E7-A	EB-E7	EB-E8				

3. The following surrogate recoveries were outside the method specified limits due to matrix interference:

<u>BTEX - SW-840</u>	<u>5-8260A</u>					
4-Bromofluorob	enzene-	EW-E6-A	EW-E6-B	EB-E6	EW-E7-A	EB-E7
		EW-E8-B	EB-E8	EW-F5	EB-F5	
Toluene-d8 -	EB-E6	EW-E8-B				

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

<u>PAH - SW-846-8270B</u> Nitrobenzene-d5 - EW-E6-A EB-E8

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Pest/PCB - SW-846-8081A & 8082 Tetrachloro-m-xylene (TCMX) - EW-E6-A

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

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

<u>PAH - SW-846-8270B</u>	<u>DRO - SW-84</u>	<u>6-8015B</u>	
EW-E7-A	EW-E6-A	EW-E7-A	EB-E7

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

Pest/PCB - SW-846-8081A & 8082 EW-E7-A EW-F5 EB-F5-X

7. 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-E8-B

The results for this sample should be considered estimated.

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

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

9. The Benzene hits for the following samples were below the reporting limit and have been "J" flagged, indicating that they are estimated values:

<u>BTEX - SW-846-8260A</u> EW-E6-A EB-E7 EW-E8-A EB-E8 EW-F5 EB-F5 EB-F5-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 #: 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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING ARE	EA Sample Matrix: SOIL
Client Sample ID: EW-E6-A	

ANALYSIS: BTEX I	oy GC/MS	<u>.</u>		Method Ref: 8260B
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/4/98	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Benzene			130 J	250
Ethyl benzene			8,000	250
Toluene			<rdl< td=""><td>250</td></rdl<>	250
Xylenes			20,000	250
ANALYSIS: Diesel R	tange Organic	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Diesel Range Organics	(DRO)		1,500	500
ANALYSIS: Metals -	• Mercury - R(CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA]	Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	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			1.3	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

Client Sample ID: EW-E6-A

Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/10/98 R	esult Units: ug/Kg
Analyte Name		, i	Analytical Results	Reported Detection Limit
1-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			М	lethod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:		esult Units: ug/Kg
		2 and 1 mary 20a.		
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			М	ethod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98 Ro	esult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
i,4'-DDD			<rdl< td=""><td>2</td></rdl<>	2
,4'-DDE			<rdl< td=""><td>2</td></rdl<>	2
,4'-DDT			<rdl< td=""><td>2</td></rdl<>	2
Aldrin			<rdl< td=""><td>2</td></rdl<>	2
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
eta-BHC			<rdl< td=""><td>2</td></rdl<>	2
eta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
eta-Endosinian				

<RDL = Less than Reported Detection Limit

Client Sample ID: EW-E6-A

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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 E	xtraction Pro	cedure		Method Ref: 1311
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units:
Analyte Name			Analytical Rest	lts Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP N	lercurv			Method Ref: 7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/L
· · ·	0.2.70	2 000 1 1101 / 2000		Ū.
Analyte Name			Analytical Resu	Its <u>Reported Detection Limits</u>
Mercury (Reg Limit =	0.2)		<rdl< td=""><td>0.01</td></rdl<>	0.01
ANALYSIS: TCLP N	Fatals			Method Ref: 3010A/6010B
		Dete duration du	215100	
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/5/98	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 = 1			<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Limit =			<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Limit	· ·		<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5.0)			<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Limit = Silver (Reg Limit = 5.0			<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1
Shiver (Reg Linnt – 5.0)		\KDL	1
ANALYSIS: X Base	Neutral QC Si	urrogates (Soils)		Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/10/98	Result Units: %
Analyte Name			Analytical Resu	Its <u>Reported Detection Limits</u>
2-Fluorobiphenyl			79	0
Nitrobenzene-d5			172	0
p-Terphenyl-d14			84	0

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ANALYSIS: X DRO (<u>)C Surrogates</u>	(Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Rep</u>	oorted Detection Limits
o-Terphenyl			See narrativ	ve	0
ANALYSIS: X Pest/Pe	CB QC Surrog	ates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Rep</u>	oorted Detection Limits
Decachlorobiphenyl			84		0
Tetrachioro-m-xylene			52		0
ANALYSIS: X VOC (C Surrogates	(Waters)		Method Ref:	5030B/8260B
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/4/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Rep</u>	oorted 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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOIL
Client Sample ID: EW-E6-B	

ANALYSIS: BTEX I	oy GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: ug/Kg
Analyte Name			Analytical Result	s Reported Detection Limits
Benzene			29	25
Ethyl benzene			410	25
Toluene			<rdl< td=""><td>25</td></rdl<>	25
Xylenes			130	25
ANALYSIS: Diesel R	ange Organic	<u>s (DRO)</u>		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98	Result Units: mg/Kg
Analyte Name			Analytical Result	s Reported Detection Limits
Diesel Range Organics	(DRO)		11	10
ANALYSIS: Metals -	Mercury - R	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Result	s Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA	2711 1 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2		Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Result	s 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

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Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98 Re	sult 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 <rdl< td=""><td>330</td></rdl<></rdl 	330
			<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
Benzo(a)pyrene				
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			Me	thod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98 Res	sult 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 <rdl< td=""><td>20</td></rdl<></rdl 	20
ANALYSIS: Pesticides				thod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98 Res	sult Units: ug/Kg
<u>Analyte Name</u>			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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AALSample ID #: AB38320 Accura Project #: 15782

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 Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units:
Analyte Name			Analytical Resu	Its <u>Reported Detection Limits</u>
TCLP Extraction			NA	0
ANALYSIS: TCLP M	ercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	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 M	etals			Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/5/98	Result Units: mg/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Arsenic (Reg Limit $= 5$.)	0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit = 10	0.0)		1.0	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 $= 5.0$)	I		<rdl< td=""><td>1</td></rdl<>	1
ANALYSIS: X Base N	leutral QC Si	irrogates (Soils)		Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
2-Fluorobiphenyl			56	0
Nitrobenzene-d5			47	0

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47

83

0

0

p-Terphenyl-d14

ANALYSIS: X DRO	OC Surrogates	(Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u> r	ported Detection Limits
o-Terphenyl			80		0
ANALYSIS: X Pest/Pe	CB QC Surrog	ates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Rer</u>	ported Detection Limits
Decachlorobiphenyl			117		0
Tetrachloro-m-xylene			88		0
ANALYSIS: X VOC (C Surrogates	(Waters)		Method Ref:	5030B/8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units:	%
Analyte Name			Analytical Resul	t <u>s Re</u> r	oorted Detection Limits
1,2-Dichloroethane-d4			112		0
4-Bromofluorobenzene			147		0
Toluene-d8			108		0

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sampl	e ID #: AB38321	Accura Project #: 15782
Client: Omega Env. Se	rvices - Tucker	Date Sampled: 2/26/98
Client Contact: T. SHE	PPARD	Date Received: 2/27/98
Client Project Number:	DACA21-97-C-0042	Date Reported: 9/16/98
Client Project Name:	HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOIL
Client Sample ID:	EB-E6	

ANALYSIS: BTEX b	y GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: ug/Kg
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
Benzene			<rdl< td=""><td>5</td></rdl<>	5
Ethyl benzene			<rdl< td=""><td>5</td></rdl<>	5
Toluene			<rdl< td=""><td>5</td></rdl<>	5
Xylenes			<rdl< td=""><td>5</td></rdl<>	5
ANALYSIS: Diesel R	ange Organic	<u>s (DRO)</u>		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98	Result Units: mg/Kg
Analyte Name			Analytical Result	ts Reported Detection Limits
Diesel Range Organics	(DRO)		<rdl< td=""><td>10</td></rdl<>	10
ANALYSIS: Metals -	Mercury - RO	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Result	<u>Reported Detection Limits</u>
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Result	<u>s</u> <u>Reported Detection Limits</u>
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
		*		

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<RDL = Less than Reported Detection Limit

Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98 Res	ult Units: ug/Kg
		2		
<u>Analyte Name</u>			Analytical Results	Reported Detection Limit
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
			<rdl <rdl< td=""><td></td></rdl<></rdl 	
Naphthalene				330
Phenanthrene			<rdl< td=""><td>330</td></rdl<>	330
Pyrene			<rdl< td=""><td>330</td></rdl<>	330
ANALYSIS: PCB's		.	Met	hod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98 Rest	ılt 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			Met	hod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:		lt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
4,4'-DDD				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 <rdl< td=""><td>2</td></rdl<></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

Client Sample ID: EB-E6

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AALSample ID #: AB38321 Accura Project #: 15782

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 Ext	traction Proce	dure		Method Ref:	1311
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units:	
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLP Me	reury			Method Ref:	7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units:	mg/L
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
Mercury (Reg Limit = 0.2	2)		<rdl< td=""><td></td><td>0.01</td></rdl<>		0.01
ANALYSIS: TCLP Me	tals			Method Ref:	3010A/6010B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/5/98	Result Units:	mg/L
Analyte Name			Analytical Result	t <u>s Re</u>	ported Detection Limits
Arsenic (Reg Limit = 5.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Barium (Reg Limit = 100	0.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Cadmium (Reg Limit = 1	.0)		<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 = 5.0)			<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 = 5.0)			<rdl< td=""><td></td><td>1</td></rdl<>		1
ANALYSIS: X Base No	eutral QC Sur	rogates (Soils)		Method Ref:	3550B/8270C
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	%

Analyte Name	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl	39	0
Nitrobenzene-d5	37	0
p-Terphenyl-d14	81	0

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ANALYSIS: X DRO (OC Surrogates	(Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Rep</u>	oorted Detection Limits
o-Terphenyl			86		0
ANALYSIS: X Pest/Pe	<u>CB QC Surrog</u>	ates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Result	<u>s Rep</u>	oorted Detection Limits
Decachlorobiphenyl			100		0
Tetrachloro-m-xylene			90		0
ANALYSIS: X VOC Q	OC Surrogates	(Waters)		Method Ref:	5030B/8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units:	%
Analyte Name			Analytical Result	<u>s Rep</u>	orted 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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOIL
Client Sample ID: EW-E7-A	

ANALYSIS: BTEX b	y GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units: ug/Kg
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
Benzene			1,200	500
Ethyl benzene			47,000	2500
Toluene			<rdl< td=""><td>500</td></rdl<>	500
Xylenes			150,000	2500
ANALYSIS; Diesel R	ange Organics	(DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Diesel Range Organics	(DRO)		4,300	1000
ANALYSIS: Metals - Mercury - RCRA			Method Ref: 7471A	
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Result	s <u>Reported Detection Limits</u>
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Result	Reported Detection Limits
<u>Analyte Name</u> Arsenic			Analytical Result	<u>s Reported Detection Limits</u> 5
Arsenic Barium				
Arsenic Barium Cadmium			<rdl 15 <rdl< td=""><td>5 5 0.5</td></rdl<></rdl 	5 5 0.5
Arsenic Barium Cadmium Chromium			<rdl 15 <rdl <rdl< td=""><td>5 5 0.5 5</td></rdl<></rdl </rdl 	5 5 0.5 5
Arsenic Barium Cadmium Chromium Lead			<rdl 15 <rdl <rdl 6.2</rdl </rdl </rdl 	5 5 0.5 5 5
Arsenic Barium Cadmium Chromium			<rdl 15 <rdl <rdl< td=""><td>5 5 0.5 5</td></rdl<></rdl </rdl 	5 5 0.5 5

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<RDL = Less than Reported Detection Limit

ANALYSIS: PAH's	0/10/00			hod Ref: SW846 8270
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98 Res	ult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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			Metl	nod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98 Resu	ılt 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			Meth	nod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98 Resu	lt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
1,4'-DDD			<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE			<rdl< td=""><td>4</td></rdl<>	4
i,4'-DDT			<rdl< td=""><td>4</td></rdl<>	4
Aldrin			<rdl< td=""><td>2</td></rdl<>	2
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
eta-BHC			<rdl< td=""><td>2</td></rdl<>	2
eta-Endosulfan			<rdl .<="" td=""><td>2</td></rdl>	2
lelta-BHC			<rdl< td=""><td>4</td></rdl<>	4

Client Sample ID: EW-E7-A

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AALSample ID #: AB38322 Accura Project #: 15782

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Techn Toxaphene ANALYSIS: TCLP E			<rðl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rd< th=""><th>2 2 2 2 2 2 2 2 30 20 20 Method Ref: 1311</th></rd<></rdl </rdl </rdl </rdl </rdl </rdl </rdl </rðl 	2 2 2 2 2 2 2 2 30 20 20 Method Ref: 1311
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units:
Analyte Name			Analytical Result	Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP M	ercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Result	Reported Detection Limits
Mercury (Reg Limit = (.2)		<rdl< td=""><td>0.01</td></rdl<>	0.01
ANALYSIS: TCLP M	etals			Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/5/98	Result Units: mg/L
Analyte Name			Analytical Results	Reported Detection Limits
Arsenic (Reg Limit = 5.			<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit = 10	•		<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Limit = Chromium (Reg Limit =			<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1
Lead (Reg Limit = 5.0)	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 Base 1	leutral QC Su	rrogates (Soils)		Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98	Result Units: %
Analyte Name			Analytical Results	Reported Detection Limits
<u>Analyte Name</u> 2-Fluorobiphenyl			Analytical Results See narrative	

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ANALYSIS: X DRO (C Surrogates	(Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
o-Terphenyl			See narrativ	/e	0
ANALYSIS: X Pest/Pe	CB QC Surrog	ates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
Decachlorobiphenyl			81		0
Tetrachloro-m-xylene			79		0
ANALYSIS: X VOC C	C Surrogates	(Waters)		Method Ref:	5030B/8260B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:	%
Analyte Name			Analytical Result	ts <u>Re</u> r	ported Detection Limits
1,2-Dichloroethane-d4			109		0
4-Bromofluorobenzene			178		0
Toluene-d8			96		0

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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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOIL
Client Sample ID: EB-E7	

ANALYSIS: BTEX by	y GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units: ug/Kg
Analyte Name			Analytical Resu	ts Reported Detection Limits
Benzene			190 J	500
Ethyl benzene			7,700	500
Toluene			<rdl< td=""><td>500</td></rdl<>	500
Xylenes			8,200	500
ANALYSIS: Diesel Ra	ange Organics	(DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Diesel Range Organics	(DRO)		920	200
ANALYSIS: Metals -	<u> Mercury - RC</u>	RA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -]	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Arsenic			<rdl< td=""><td>5</td></rdl<>	5
Barium			10	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

<RDL = Less than Reported Detection Limit

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Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/10/98 R	esult Units: ug/Kg
Date DATDIgrifep.	5/12/90	Date Analyzeu.	5/10/28	csun onns. ug/kg
Analyte Name			Analytical Results	Reported Detection Limit
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
I JIONO				5500
ANALYSIS: PCB's			М	ethod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98 Re	esult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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-1242			<rdl< td=""><td>20</td></rdl<>	20
PCB-1254			<rdl <rdl< td=""><td>. 20</td></rdl<></rdl 	. 20
PCB-1254			<rdl <rdl< td=""><td>20</td></rdl<></rdl 	20
				20
ANALYSIS: Pesticides			M	ethod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98 Re	esult 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
			<u>¬NJ</u> L	<u>_</u>

<RDL = Less than Reported Detection Limit

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Client Sample ID: EB-E7

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AALSample ID #: AB38323 Accura Project #: 15782

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 Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units:	
Analyte Name			Analytical Result	ts <u>Re</u>	ported Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLP Me	rcury			Method Ref:	7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units:	mg/L
Analyte Name			Analytical Result	<u>s Re</u>	ported Detection Limits
Mercury (Reg Limit = 0.2	2)		<rdl< td=""><td></td><td>0.01</td></rdl<>		0.01
ANALYSIS: TCLP Me	tals			Method Ref:	3010A/6010B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/5/98	Result Units:	mg/L
Analyte Name			Analytical Result	<u>s Re</u>	ported Detection Limits
Arsenic (Reg Limit = 5.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Barium (Reg Limit = 100	.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Cadmium (Reg Limit = 1	.0)		<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 = 5.0)			<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 $= 5.0$)			<rdl< td=""><td></td><td>1</td></rdl<>		1
ANALYSIS: X Base Neutral QC Surrogates (Soils)				Method Ref:	3550B/8270C
Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/10/98	Result Units:	%

Analyte Name	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl	79	0
Nitrobenzene-d5	107	0
p-Terphenyl-d14	89	0

ANALYSIS: X DRO QC Surrogates (Soil)				Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
o-Terphenyl			See narrativ	ve	0
ANALYSIS: X Pest/Pe	<u>CB QC Surrog</u>	ates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
Decachlorobiphenyl			83		0
Tetrachloro-m-xylene			71		0
ANALYSIS: X VOC	QC Surrogates	(Waters)		Method Ref:	5030B/8260B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
1,2-Dichloroethane-d4			113		0
4-Bromofluorobenzene			134		0
Toluene-d8			98		0

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FL Certification # E87429 NC Certification # 483 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	Date Reported: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOIL
Client Sample ID: EW-E8-A	

ANALYSIS: BTEX by GC/MS				Method Ref: 8260B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units: ug/Kg
Analyte Name			Analytical Resul	Its Reported Detection Limits
Benzene			13 J	25
Ethyl benzene			31	25
Toluene			<rdl< td=""><td>25</td></rdl<>	25
Xylenes			100	25
ANALYSIS: Diesel R:	ange Organics	(DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Diesel Range Organics	(DRO)		<rdl< td=""><td>10</td></rdl<>	10
ANALYSIS: Metals -	<u> Mercury - RC</u>	RA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
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

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<RDL = Less than Reported Detection Limit

Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: ug/Kg
Date Exterior rep.	5/11/20	Date Analyzed.	5/10/98	Kesun Onns: ug/Kg
Analyte Name			Analytical Result	s Reported Detection Limit
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
ndeno(1,2,3-cd)pyrene			<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
. – -				
Naphthalene			<rdl< td=""><td>330</td></rdl<>	330
Phenanthrene			<rdl< td=""><td>330</td></rdl<>	330
yrene			<rdl< td=""><td>330</td></rdl<>	330
ANALYSIS: PCB's				Method Ref: 3550B/8082
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: ug/Kg
Analyte Name			Analytical Result	<u>Reported Detection Limits</u>
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
NALYSIS: Pesticides				Method Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
,4'-DDD			<rdl< td=""><td>2</td></rdl<>	2
,4'-DDE			<rdl< td=""><td>2</td></rdl<>	2
,4'-DDT			<rdl< td=""><td>2</td></rdl<>	2
Idrin			<rdl< td=""><td>2</td></rdl<>	2
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
eta-BHC			<rdl< td=""><td>2</td></rdl<>	2
eta-Endosulfan			<rdl< td=""><td>. 2</td></rdl<>	. 2
lelta-BHC			<rdl< td=""><td>2</td></rdl<>	2

<RDL = Less than Reported Detection Limit

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AALSample ID #: AB38324 Accura Project #: 15782

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 E	traction Pro	ocedure		Method Ref: 1311
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units:
Analyte Name			Analytical Resul	ts Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP M	ercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Mercury (Reg Limit = 0	.2)		<rdl< td=""><td>0.01</td></rdl<>	0.01
ANALYSIS: TCLP M	etals			Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/5/98	Result Units: mg/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Arsenic (Reg Limit = 5.	0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit = 10	,		<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Limit =			<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 =	,		<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit = 5.0)			<rdl< td=""><td>I</td></rdl<>	I

ANALYSIS: X Base	Neutral QC Su	urrogates (Soils)		Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: %
Analyte Name			Analytical Result	s <u>Reported Detection Limits</u>
2-Fluorobiphenyl			37	0
Nitrobenzene-d5			31	0
p-Terphenyl-d14			80	0

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ANALYSIS: X DRO	OC Surrogates	(Soil)		Method Ref: 355	50B/8015B
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98	Result Units: %	, J
Analyte Name			Analytical Resul	<u>s Report</u>	ed Detection Limits
o-Terphenyl			73		0
ANALYSIS: X Pest/Pe				Method Ref: 358	
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: %	
Analyte Name			Analytical Resul	<u>s Report</u>	ed Detection Limits
Decachlorobiphenyl			99		0
Tetrachloro-m-xylene			59		0
ANALYSIS: X VOC Q	C Surrogates	(Waters)		Method Ref: 503	0B/8260B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units: %	•
Analyte Name			Analytical Result	s <u>Report</u>	ed Detection Limits
1,2-Dichloroethane-d4			105		0
4-Bromofluorobenzene			118		0
Toluene-d8			102		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 #: 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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOIL
Client Sample ID: EW-E8-B	

ANALYSIS: BTEX b	y GC/MS		М	ethod Ref: 8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98 Re	esult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Benzene			<rdl< td=""><td>5</td></rdl<>	5
Ethyl benzene			<rdl< td=""><td>5</td></rdl<>	5
Toluene			<rdl< td=""><td>5</td></rdl<>	5
Xylenes			<rdl< td=""><td>5</td></rdl<>	5
ANALYSIS: Diesel R	ange Organic:	s (DRO)	M	ethod Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98 Re	sult Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Diesel Range Organics	(DRO)		<rdl< td=""><td>10</td></rdl<>	10
ANALYSIS: Metals -	Mercury - RC	CRA	M	ethod Ref: 7471A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98 Re	sult Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA		Me	ethod Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/2/98 Re	sult Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Arsenic			<rdl< td=""><td>5</td></rdl<>	5
Barium			<rdl 13</rdl 	
Barium Cadmium			13 <rdl< td=""><td>5</td></rdl<>	5
Barium Cadmium Chromium			13 <rdl <rdl< td=""><td>5 5 0.5 5</td></rdl<></rdl 	5 5 0.5 5
Barium Cadmium Chromium Lead			13 <rdl <rdl <rdl< td=""><td>5 5 0.5 5 5</td></rdl<></rdl </rdl 	5 5 0.5 5 5
Barium Cadmium Chromium			13 <rdl <rdl< td=""><td>5 5 0.5 5</td></rdl<></rdl 	5 5 0.5 5

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<RDL = Less than Reported Detection Limit

ANALYSIS: PAH's Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Method Ref: SW846 8270 Result Units: ug/Kg
	5/11/20	Duto Maryzou.		
Analyte Name			Analytical Result	s <u>Reported Detection Limits</u>
l-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
ndeno(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: 3550B/8082
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: ug/Kg
Analyte Name			Analytical Result	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
NALYSIS: Pesticides				Method Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
,4'-DDD			<rdl< td=""><td>2</td></rdl<>	2
,4'-DDE			<rdl< td=""><td>2</td></rdl<>	2
,4'-DDT			<rdl< td=""><td>2</td></rdl<>	2
Aldrin			<rdl< td=""><td>2</td></rdl<>	2
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
eta-BHC			<rdl< td=""><td>2</td></rdl<>	2
eta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2

Client Sample ID: EW-E8-B

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AALSample ID #: AB38325 Accura Project #: 15782

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Tech Toxaphene	mical)	·	<rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< th=""><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl 	2 2 2 2 2 2 2 2 10 20 20
-	Putuaction Dua	andrea		
ANALYSIS: TCLP I Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Method Ref: 1311 Result Units:
Analyte Name			Analytical Resu	
			· ·	
TCLP Extraction			NA	0
ANALYSIS: TCLP	Mercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Mercury (Reg Limit =	0.2)		<rdl< td=""><td>0.01</td></rdl<>	0.01
ANALVSIS, TCI PA	Matals			Method Ref: 20104/6010P
ANALYSIS: TCLP N Date Ext/Dig/Prep		Date Analyzed:	3/5/98	Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	<u>Aletals</u> 3/6/98	Date Analyzed:	3/5/98	Result Units: mg/L
Date Ext/Dig/Prep: Analyte Name	3/6/98	Date Analyzed:	3/5/98 Analytical Resul	Result Units: mg/L
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5	3/6/98 5.0)	Date Analyzed:	Analytical Resul	Result Units: mg/L ts <u>Reported Detection Limits</u> 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 1	3/6/98 5.0) (00.0)	Date Analyzed:	Analytical Resul <rdl <rdl< td=""><td>Result Units: mg/L ts <u>Reported Detection Limits</u> 1 l</td></rdl<></rdl 	Result Units: mg/L ts <u>Reported Detection Limits</u> 1 l
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 1 Cadmium (Reg Limit =	3/6/98 5.0) (00.0) = 1.0)	Date Analyzed:	Analytical Resul <rdl <rdl <rdl< td=""><td>Result Units: mg/L ts <u>Reported Detection Limits</u> I I 1</td></rdl<></rdl </rdl 	Result Units: mg/L ts <u>Reported Detection Limits</u> I I 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 1 Cadmium (Reg Limit = Chromium (Reg Limit	3/6/98 5.0) (00.0) = 1.0) = 5.0)	Date Analyzed:	Analytical Result <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: mg/L ts <u>Reported Detection Limits</u> 1 l</td></rdl<></rdl </rdl </rdl </rdl 	Result Units: mg/L ts <u>Reported Detection Limits</u> 1 l
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 1 Cadmium (Reg Limit =	3/6/98 5.0) (00.0) = 1.0) = 5.0)	Date Analyzed:	Analytical Resul <rdl <rdl <rdl< td=""><td>Result Units: mg/L ts <u>Reported Detection Limits</u> I I 1</td></rdl<></rdl </rdl 	Result Units: mg/L ts <u>Reported Detection Limits</u> I I 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 1 Cadmium (Reg Limit = Chromium (Reg Limit Lead (Reg Limit = 5.0)	3/6/98 5.0) (00.0) = 1.0) = 5.0)) = 1.0)	Date Analyzed:	Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: mg/L <u>ts Reported Detection Limits</u> 1 1 1 1 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl 	Result Units: mg/L <u>ts Reported Detection Limits</u> 1 1 1 1 1 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 1 Cadmium (Reg Limit = Chromium (Reg Limit = Lead (Reg Limit = 5.0) Selenium (Reg Limit = Silver (Reg Limit = 5.0)	3/6/98 5.0) (00.0) = 1.0) = 5.0)) = 1.0) D)		Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1 1 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl 	Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1 1 1 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 4 Barium (Reg Limit = 1 Cadmium (Reg Limit = Chromium (Reg Limit Lead (Reg Limit = 5.0) Selenium (Reg Limit =	3/6/98 5.0) (00.0) = 1.0) = 5.0)) = 1.0) D)		Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: mg/L ts <u>Reported Detection Limits</u> 1 1 1 1 1 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl 	Result Units: mg/L ts <u>Reported Detection Limits</u> 1 1 1 1 1 1 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 4 Barium (Reg Limit = 1 Cadmium (Reg Limit = Chromium (Reg Limit = Chromium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) ANALYSIS: X Base	3/6/98 5.0) = 1.0) = 5.0)) = 1.0))) Neutral QC S	urrogates (Soils)	Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl 	Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 1 Cadmium (Reg Limit = Chromium (Reg Limit = Chromium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) <u>ANALYSIS: X Base</u> Date Ext/Dig/Prep: <u>Analyte Name</u>	3/6/98 5.0) = 1.0) = 5.0)) = 1.0))) Neutral QC S	urrogates (Soils)	Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl <rdl 3/10/98 Analytical Result</rdl </rdl </rdl </rdl </rdl </rdl </rdl 	Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 1 Cadmium (Reg Limit = Chromium (Reg Limit = Chromium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) <u>ANALYSIS: X Base</u> Date Ext/Dig/Prep:	3/6/98 5.0) = 1.0) = 5.0)) = 1.0))) Neutral QC S	urrogates (Soils)	Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl 3/10/98</rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl 	Result Units: mg/L ts Reported Detection Limits 1 1 1 1 1 1 1 1 1 1 1 1 1

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Date Ext/Dig/Prep: $3/13/98$ Date Analyzed $3/10/98$ Result Units: $\%$ Analyte NameAnalytical ResultReported Detection Limitso-Terphenyl730ANALYSIS: X Pest//Dig/Prep: $3/11/98$ Date Analyzed $3/10/98$ Result Units: $\%$ Date Ext/Dig/Prep: $3/11/98$ Date Analyzed $3/10/98$ Result Units: $\%$ Analyte NameIndate Analyzed $3/10/98$ Result Units: $\%$ DecachlorobiphenylIndate Analyzed 103 00ANALYSIS: X VOC USURTogatesIndate Analyzed 103 00ANALYSIS: X VOC USURTogatesDate Analyzed $3/6/98$ Result Units: $\%$ Analyte Name $3/6/98$ Date Analyzed $3/6/98$ Result Units: $\%$ Analyte NameInternational State St	ANALYSIS: X DRO (QC Surrogates	(Soil)		Method Ref: 3	3550B/8015B
o-Terphenyl 73 0 ANALYSIS: X Pest/PCB QC Surrogates Method Ref: 3580A/8081 Date Ext/Dig/Prep: 3/11/98 Date Analyzed: 3/10/98 Result Units: % Analyte Name Analytical Results Reported Detection Limits Decachlorobiphenyl 103 0 Tetrachloro-m-xylene 86 0 ANALYSIS: X VOC QC Surrogates (Waters) Method Ref: 5030B/8260B Date Ext/Dig/Prep: 3/6/98 Date Analyzed: 3/6/98 Result Units: % Analytical Results Reported Detection Limits 1,2-Dichloroethane-d4 115 0 4-Bromofluorobenzene 139 0	Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98	Result Units:	%
ANALYSIS: X Pest/PCB QC Surrogates Method Ref: 3580A/8081 Date Ext/Dig/Prep: 3/11/98 Date Analyzed: 3/10/98 Result Units: % Analyte Name Analytical Result Reported Detection Limits Decachlorobiphenyl 103 0 Tetrachloro-m-xylene 103 0 ANALYSIS: X VOC VS surrogates (Waters) Method Ref: 5030B/8260B Date Ext/Dig/Prep: 3/6/98 Method Ref: 5030B/8260B Analyte Name Analytical Results % Analyte Name Analytical Results % Analyte Name 115 0 1,2-Dichloroethane-d4 115 0 4-Bromofluorobenzene 139 0	Analyte Name			Analytical Resul	ts <u>Rep</u>	orted Detection Limits
Date Ext/Dig/Prep: 3/11/98 Date Analyzed: 3/10/98 Result Units: % Analyte Name Analytical Results Reported Detection Limits Decachlorobiphenyl 103 0 Tetrachloro-m-xylene 103 0 ANALYSIS: X VOC VC Surrogates (Waters) Method Ref: 5030B/8260B Date Ext/Dig/Prep: 3/6/98 Date Analyzed: 3/6/98 Analyte Name Analytical Results % Analyte Name Analytical Results % 1,2-Dichloroethane-d4 115 0 4-Bromofluorobenzene 139 0	o-Terphenyl			73		0
Analyte Name Analytical Results Reported Detection Limits Decachlorobiphenyl 103 0 Tetrachloro-m-xylene 86 0 ANALYSIS: X VOC OC Surrogates (Waters) Method Ref: 5030B/8260B 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	ANALYSIS: X Pest/Pe	<u>CB QC Surrog</u>	ates		Method Ref: 3	3580A/8081
Decachlorobiphenyl Tetrachloro-m-xylene 103 0 ANALYSIS: X VOC OC Surrogates (Waters) Method Ref: 5030B/8260B Date Ext/Dig/Prep: 3/6/98 Date Analyzed: Analyte Name Analytical Results Reported Detection Limits 1,2-Dichloroethane-d4 115 0 4-Bromofluorobenzene 139 0	Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	%
Tetrachloro-m-xylene 86 0 ANALYSIS: X VOC OC Surrogates (Waters) Method Ref: 5030B/8260B Date Ext/Dig/Prep: 3/6/98 Date Analyzed: 3/6/98 Date Analyzed: 3/6/98 Analyte Name Analytical Results Reported Detection Limits 1,2-Dichloroethane-d4 115 0 4-Bromofluorobenzene 139 0	Analyte Name			Analytical Resul	ts <u>Rep</u>	orted Detection Limits
ANALYSIS: X VOC QC Surrogates (Waters) Method Ref: 5030B/8260B Date Ext/Dig/Prep: 3/6/98 Date Analyzed: 3/6/98 Result Units: % Analyte Name Analytical Results Reported Detection Limits 1,2-Dichloroethane-d4 115 0 4-Bromofluorobenzene 139 0	Decachlorobiphenyl			103		0
Date Ext/Dig/Prep:3/6/98Date Analyzed:3/6/98Result Units:%Analyte NameAnalytical ResultsReported Detection Limits1,2-Dichloroethane-d411504-Bromofluorobenzene1390	Tetrachloro-m-xylene			86		0
Analyte NameAnalytical ResultsReported Detection Limits1,2-Dichloroethane-d411504-Bromofluorobenzene1390	ANALYSIS: X VOC (OC Surrogates	(Waters)		Method Ref: 5	5030B/8260B
1,2-Dichloroethane-d411504-Bromofluorobenzene1390	Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units:	%
4-Bromofluorobenzene 139 0	Analyte Name			Analytical Result	<u>Rep</u>	orted Detection Limits
	1,2-Dichloroethane-d4			115		0
Toluene-d8 121 0						-
	Toluene-d8			121		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 #: 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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOIL
Client Sample ID: EB-E8	

Date Ext/Dig/Prep: 3/5/98 Date Analyzed: 3/5/98 Result Units: ug/Kg Analyte Name Analyte Name 120 J 250 ANALYSIS: Diesel Range Organics 250 250 Analyte Name X/14/98 Date Analyzed: Method Result Units: mg/Kg Analyte Name 3/14/98 Date Analyzed: 3/10/98 Result Units: mg/Kg Analyte Name 3/14/98 Date Analyzed: 2,000 500 500 Diesel Range Organics (DRO) 2,000 500 500 500 500 Analyte Name 2,000 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500	Date Ext/Dig/Prep:			N	fethod Ref: 8260B
Benzene120 J250Ethyl benzene3,300250Toluene <rdl< td="">250Xylenes9,500250ANALYSIS: Diesel Range Organics (DRO)Method Ref: 3550B/8015BDate Ext/Dig/Prep:3/14/98Date Analyzed:3/10/98Result Units: mg/KgAnalyte NameAnalytical ResultsReported Detection LimitsDiesel Range Organics (DRO)2,000500ANALYSIS: Metals - Wercury - RCRAMethod Ref: 7471ADate Ext/Dig/Prep:3/2/98Date Analyzed:3/2/98Analytical ResultsMethod Ref: 7471AMercury<rdl< td="">0.5</rdl<></rdl<>		3/5/98	Date Analyzed:	3/5/98 R	esult Units: ug/Kg
Ethyl benzene 3,300 250 Toluene <rdl< td=""> 250 Xylenes 9,500 250 ANALYSIS: Diesel Range Organics (DRO) Method Ref: 3550B/8015B Date Ext/Dig/Prep: 3/14/98 Date Analyzed: 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 Ext/Dig/Prep: 3/2/98 Date Analyzed: 3/2/98 Analyte Name J2/98 Result Units: mg/Kg Analyte Name J2/98 Result Units: mg/Kg Analyte Name J2/98 Result Units: mg/Kg Analyte Name S12/98 Result Units: mg/Kg Analyte Name Analytical Results Mercury <rdl< td=""> 0.5 Mercury <rdl< td=""> 0.5 ANALYSIS: Metals - RCRA Method Ref: SW846 6010A</rdl<></rdl<></rdl<>	Analyte Name			Analytical Results	Reported Detection Limits
Ethyl benzene 3,300 250 Toluene <rdl< td=""> 250 Xylenes 9,500 250 ANALYSIS: Diesel Range Organics (DRO) Method Ref: 3550B/8015B Date Ext/Dig/Prep: 3/14/98 Date Analyzed: 3/10/98 Result Units: mg/Kg Analyte Name Analytical Results Reported Detection Limits Diesel Range Organics (DRO) 2,000 500 ANALYSIS: Metals - Mercury - RCKA Method Ref: 7471A Date Ext/Dig/Prep: 3/2/98 Nethod Ref: 7471A Date Ext/Dig/Prep: 3/2/98 Date Analyzed: Analyte Name Analytical Result mg/Kg Analyte Name Anale Analyzed: 3/2/98 Analyte Name </rdl<>	Benzene			120 J	250
Toluene Xylenes<250 250ANALYSIS: Diesel Range Organics (DRO)Method Ref: 3550B/8015B Date Ext/Dig/Prep:Method Ref: 3550B/8015B Result Units: mg/KgDate Ext/Dig/Prep:3/14/98Date Analyzed:3/10/98Result Units: mg/KgAnalyte NameAnalytical ResultReported Detection LimitsDiesel Range Organics (DRO)2,000500ANALYSIS: Metals - Mercury - RCKMethod Ref: 7471A Date Ext/Dig/Prep:Method Ref: 7471A Result Units: mg/KgAnalyte Name3/2/98Date Analyzed:3/2/98Analyte NameAnalytical ResultsReported Detection Limits mg/KgAnalyte NameAnalytical Result0.5Mercury0.5	Ethyl benzene			3,300	
ANALYSIS: Diesel Range Organics (DRO) Method Ref: 3550B/8015B Date Ext/Dig/Prep: 3/14/98 Date Analyzed: 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 Ext/Dig/Prep: 3/2/98 Date Analyzed: 3/2/98 Result Units: mg/Kg Analyte Name 3/2/98 Date Analyzed: 3/2/98 Result Units: mg/Kg Analyte Name 3/2/98 Date Analyzed: 3/2/98 Result Units: mg/Kg Analyte Name 3/2/98 Date Analyzed: 3/2/98 Result Units: mg/Kg Analyte Name S12/98 Date Analyzed: 3/2/98 Result Units: mg/Kg Mercury S12/98 Date Analyzed: 3/2/98 Result Units: mg/Kg Analyte Name Analytical Result Result Units: mg/Kg Mercury 0.5 0.5 ANALYSIS: Metals - KCRA Method Ref: SWB46 6010A					
Date Ext/Dig/Prep:3/14/98Date Analyzed:3/10/98Result Units:mg/KgAnalyte NameAnalytical ResultsReported Detection LimitsDiesel Range Organics (DRO)2,000500ANALYSIS: Metals - Mercury - RCRAMethod Ref:7471ADate Ext/Dig/Prep:3/2/98Date Analyzed:3/2/98Result Units:mg/KgAnalyte NameAnalytical ResultsReported Detection Limitsmg/KgMercuryAnalytical ResultsReported Detection LimitsMercury0,5ANALYSIS: Metals - KCRAMethod Ref:	Xylenes			9,500	
Analyte Name Analytical Results Reported Detection Limits Diesel Range Organics (DRO) 2,000 500 ANALYSIS: Metals - Mercury - RCRA Method Ref: 7471A Date Ext/Dig/Prep: 3/2/98 Date Analyzed: Analytical Results mg/Kg Analyte Name Analytical Results Reported Detection Limits Mercury 3/2/98 Date Analyzed: 3/2/98 Analytical Results Reported Detection Limits mg/Kg Analyte Name Analytical Results Reported Detection Limits Mercury 0.5 0.5 ANALYSIS: Metals - RCRA Letters Method Ref: SW846 6010A	ANALYSIS: Diesel R:	ange Organic:	s (DRO)	Ν	1ethod Ref: 3550B/8015B
Analyte Name Analytical Results Reported Detection Limits Diesel Range Organics (DRO) 2,000 500 ANALYSIS: Metals - Mercury - RCRA Method Ref: 7471A Date Ext/Dig/Prep: 3/2/98 Date Analyzed: Analytical Results mg/Kg Analyte Name Analytical Results Reported Detection Limits Mercury 3/2/98 Date Analyzed: 3/2/98 Analytical Results Reported Detection Limits mg/Kg Analyte Name Analytical Results Reported Detection Limits Mercury 0.5 0.5 ANALYSIS: Metals - RCRA Letters Method Ref: SW846 6010A				2/10/09 0	anult Inital an all a
Diesel Range Organics (DRO)2,000500ANALYSIS: Metals - Mercury - RCRAMethod Ref: 7471ADate Ext/Dig/Prep:3/2/98Date Analyzed: 3/2/98Result Units: mg/KgAnalyte NameAnalytical ResultsReported Detection LimitsMercury <rdl< th="">0.5ANALYSIS: Metals - RCRAMethod Ref: SW846 6010A</rdl<>	Date ExtrDig/Fiep.	5/14/90	Date Analyzed:	5/10/98 K	esuit Onlis: mg/Kg
ANALYSIS: Metals - Mercury - RCRA Method Ref: 7471A Date Ext/Dig/Prep: 3/2/98 Date Analyzed: 3/2/98 Result Units: mg/Kg Analyte Name Analytical Results Reported Detection Limits Mercury <rdl< td=""> 0.5 ANALYSIS: Metals - RCRA Method Ref: SW846 6010A</rdl<>	Analyte Name			Analytical Results	Reported Detection Limits
Date Ext/Dig/Prep: 3/2/98 Date Analyzed: 3/2/98 Result Units: mg/Kg Analyte Name Analytical Results Reported Detection Limits Mercury <rdl< td=""> 0.5 ANALYSIS: Metals - RCRA Method Ref: SW846 6010A</rdl<>	Diesel Range Organics	(DRO)		2,000	500
Analyte NameAnalytical ResultsReported Detection LimitsMercury <rdl< td="">0.5ANALYSIS: Metals - RCRAMethod Ref: SW846 6010A</rdl<>	ANALYSIS: Metals -	<u> Mercury - RC</u>	CRA	M	lethod Ref: 7471A
Mercury <rdl< th=""> 0.5 ANALYSIS: Metals - RCRA Method Ref: SW846 6010A</rdl<>	Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98 R	esult Units: mg/Kg
ANALYSIS: Metals - RCRA Method Ref: SW846 6010A	Analyte Name			Analytical Results	Reported Detection Limits
Date Ext/Dig/Prep: 3/4/98 Date Analyzed: 3/2/98 Result Units: mg/Kg	Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
	-	RCRA			
Analyte Name Analytical Results Reported Detection Limits	ANALYSIS: Metals - 3		Date Analyzed:	M	lethod Ref: SW846 6010A
Arsenic <rdl 5<="" td=""><td>ANALYSIS: Metals - 3 Date Ext/Dig/Prep:</td><td></td><td>Date Analyzed:</td><td>M. 3/2/98 R</td><td>lethod Ref: SW846 6010A esult Units: mg/Kg</td></rdl>	ANALYSIS: Metals - 3 Date Ext/Dig/Prep:		Date Analyzed:	M. 3/2/98 R	lethod Ref: SW846 6010A esult Units: mg/Kg
Barium 11 5	ANALYSIS: Metals - Date Ext/Dig/Prep: Analyte Name		Date Analyzed:	M 3/2/98 R <u>Analytical Results</u>	lethod Ref: SW846 6010A esult Units: mg/Kg
Cadmium 0.6 0.5	ANALYSIS: Metals - P Date Ext/Dig/Prep: Analyte Name Arsenic		Date Analyzed:	M 3/2/98 R <u>Analytical Results</u> <rdl< td=""><td>lethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u> 5</td></rdl<>	lethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u> 5
Chromium <rdl 5<="" td=""><td>ANALYSIS: Metals - Date Ext/Dig/Prep: Analyte Name Arsenic Barium</td><td></td><td>Date Analyzed:</td><td>M 3/2/98 R <u>Analytical Results</u> <rdl 11</rdl </td><td>lethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u> 5 5</td></rdl>	ANALYSIS: Metals - Date Ext/Dig/Prep: Analyte Name Arsenic Barium		Date Analyzed:	M 3/2/98 R <u>Analytical Results</u> <rdl 11</rdl 	lethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u> 5 5
Lead 15 5	ANALYSIS: Metals - Date Ext/Dig/Prep: Analyte Name Arsenic Barium Cadmium Chromium		Date Analyzed:	M 3/2/98 R Analytical Results <rdl 11 0.6</rdl 	lethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5
	ANALYSIS: Metals - Date Ext/Dig/Prep: Analyte Name Arsenic Barium Cadmium Chromium Lead		Date Analyzed:	M 3/2/98 R Analytical Results <rdl 11 0.6 <rdl< td=""><td>lethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5 5</td></rdl<></rdl 	lethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5 5
Silver <rdl 5<="" td=""><td>ANALYSIS: Metals - E Date Ext/Dig/Prep: Analyte Name Arsenic Barium Cadmium Chromium Lead Selenium</td><td></td><td>Date Analyzed:</td><td>M 3/2/98 R Analytical Results <rdl 11 0.6 <rdl 15</rdl </rdl </td><td>lethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5 5 5 5 5</td></rdl>	ANALYSIS: Metals - E Date Ext/Dig/Prep: Analyte Name Arsenic Barium Cadmium Chromium Lead Selenium		Date Analyzed:	M 3/2/98 R Analytical Results <rdl 11 0.6 <rdl 15</rdl </rdl 	lethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5 5 5 5 5

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<RDL = Less than Reported Detection Limit

Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/10/98 F	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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
l yrono				1000
ANALYSIS: PCB's			Ν	1ethod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98 R	esult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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			Ν	fethod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98 R	esult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
1,4'-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
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
peta-BHC			<rdl< td=""><td>2</td></rdl<>	2
peta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
			ALL D	2

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AALSample ID #: AB38326 Accura Project #: 15782

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 Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units:	
Analyte Name TCLP Extraction			<u>Analytical Resu</u> NA	Its <u>Reported Detection Limits</u> 0	
ANALYSIS: TCLP Me	rcury	··· ··· ·· · ··		Method Ref: 7470A	
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/L	
Analyte Name			Analytical Resul	ts Reported Detection Limits	
Mercury (Reg Limit = 0.2	2)		<rdl< td=""><td>0.01</td></rdl<>	0.01	
ANALYSIS: TCLP Me	tals			Method Ref: 3010A/6010B	
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	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 = 100.0)	1.1	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 Base Neutral QC Surrogates (Soils)			Method Ref: 3550B/8270C		
Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/10/98 R	esult Units: %	
Analyte Name			Analytical Results	Reported Detection Limits	
2-Fluorobiphenyl			73	0	
Nitrobenzene-d5			171	0	
p-Terphenyl-d14			85	0	

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ANALYSIS: X DRO	QC Surrogates	(Soil)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/10/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
o-Terphenyl			See narrati	ve 0
ANALYSIS: X Pest/Pe	<u>CB QC Surrog</u>	ates		Method Ref: 3580A/8081
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
Decachlorobiphenyl			96	0
Tetrachloro-m-xylene			57	0
ANALYSIS: X VOC (C Surrogates	(Waters)		Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units: %
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
1,2-Dichloroethane-d4			112	0
4-Bromofluorobenzene			164	0
Toluene-d8			105	. 0

Accura Analytical Laboratory, Inc.

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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 Samp	le ID #: AB38327	Accura Project #: 15782
Client: Omega Env. S	ervices - Tucker	Date Sampled: 2/26/98
Client Contact: T. SH	EPPARD	Date Received: 2/27/98
Client Project Number:	DACA21-97-C-0042	Date Reported: 9/16/98
Client Project Name:	HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOIL
Client Sample ID:	EW-F5	
	···	

ANALYSIS: BTEX b	y_GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units: ug/Kg
Analyte Name			Analytical Result	<u>s</u> <u>Reported Detection Limits</u>
Benzene			13 J	25
Ethyl benzene	*		<rdl< td=""><td>25</td></rdl<>	25
Toluene			<rdl< td=""><td>25</td></rdl<>	25
Xylenes			<rdl< td=""><td>25</td></rdl<>	25
ANALYSIS: Diesel R	ange Organics	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/10/98	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Diesel Range Organics	(DRO)		<rdl< td=""><td>10</td></rdl<>	10
ANALYSIS: Metals -	Mercury - RC	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	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			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

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<RDL = Less than Reported Detection Limit

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ANALYSIS: PAH's	2/11/00	Doto A 1			SW846 8270
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:		Result Units:	0 0
Analyte Name			Analytical Result	<u>s Re</u>	ported Detection Limit
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			<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)fluoranthene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Chrysene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Dibenzo(a,h)anthracene			<rdl< td=""><td></td><td>330</td></rdl<>		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)pyrene			<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
ANALYSIS: PCB's				Method Ref:	3550B/8082
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	ug/Kg
Analyte Name			Analytical Results	<u>s Re</u>	ported Detection Limit
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
ANALYSIS: Pesticides				Method Ref	3550B/8081A
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:		Result Units:	ug/Kg
Analyte Name			Analytical Results		ported Detection Limit
4,4'-DDD				<u>, ite</u>	
4,4'-DDD 4,4'-DDE			<rdl< td=""><td></td><td>2</td></rdl<>		2
•			<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
beta-Endosulfan			<rdl< td=""><td></td><td>2</td></rdl<>		2
delta-BHC			<rdl< td=""><td></td><td>2</td></rdl<>		2

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AALSample ID #: AB38327 Accura Project #: 15782

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>4</td></rdl<>	4
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 I	Ref: 1311
ATTAILIBID, ICLI BATACHOILITOCCUUTC	Method I	

AIADIDID, TCLI BAHACHOR FOCCULIC				Method Kei, 1911
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units:
Analyte Name			Analytical Resu	Its <u>Reported Detection Limits</u>
TCLP Extraction			NA	0
ANALYSIS: TCLP M	fercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Resu	Its Reported Detection Limits
Mercury (Reg Limit =	0.2)		<rdl< td=""><td>0.01</td></rdl<>	0.01
ANALYSIS: TCLP M	Ietals	,		Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/5/98	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 = 1	,		1.2	1
Cadmium (Reg Limit =			<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Limit			<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 Base	Neutral QC Si	urrogates (Soils)		Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: %
Analyte Name			Analytical Resu	ts Reported Detection Limits

2-Fluorobiphenyl Nitrobenzene-d5 p-Terphenyl-d14

i,

65

60

81

0

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0

ANALYSIS: X DRO (QC Surrogates	(Soil)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/10/98	Result Units: %
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
o-Terphenyl			71	0
ANALYSIS: X Pest/Pe	CB QC Surrog	ates		Method Ref: 3580A/8081
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: %
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
Decachlorobiphenyl			107	0
Tetrachloro-m-xylene			79	0
ANALYSIS: X VOC (C Surrogates	(Waters)		Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units: %
Analyte Name			Analytical Resul	Reported Detection Limits
1,2-Dichloroethane-d4			111	0
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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AR	EA Sample Matrix: SOIL
Client Sample ID: EB-F5	

ANALYSIS: BTEX b	y GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units: ug/Kg
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
Benzene			14 J	25
Ethyl benzene			<rdl< td=""><td>25</td></rdl<>	25
Toluene			<rdl< td=""><td>25</td></rdl<>	25
Xylenes			64	25
ANALYSIS: Diesel Range Organics (DRO)				Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/10/98	Result Units: mg/Kg
Analyte Name			Analytical Result	ts Reported Detection Limits
Diesel Range Organics	(DRO)		62	10
ANALYSIS: Metals -	Mercury - RO	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Result	Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Result	s 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

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<RDL = Less than Reported Detection Limit

Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/10/98	Result Units:	ug/Kg
Analyte Name			Analytical Result	e Dan	orted Detection Limit
1-Methylnaphthalene			480		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			<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)fluoranthene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Chrysene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Dibenzo(a,h)anthracene			<rdl< td=""><td></td><td>330</td></rdl<>		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)pyrene			<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
ANALYSIS: PCB's				Method Ref: 3	3550B/8082
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/10/98	Result Units:	ug/Kg
Analyte Name			Analytical Result	s Rep	orted Detection Limit
PCB-1016			<rdl< td=""><td></td><td>20</td></rdl<>		20
PCB-1221			<rdl< td=""><td></td><td>20 40</td></rdl<>		20 40
PCB-1221			<rdl< td=""><td></td><td>40</td></rdl<>		40
PCB-1242			<rdl< td=""><td></td><td>20</td></rdl<>		20
PCB-1242			<rdl< td=""><td></td><td>20</td></rdl<>		20
PCB-1254			<rdl< td=""><td></td><td>20</td></rdl<>		20
PCB-1260			<rdl <rdl< td=""><td></td><td>20</td></rdl<></rdl 		20
					20
ANALYSIS: Pesticides				Method Ref: 3	550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/10/98	Result Units:	ug/Kg
Analyte Name			Analytical Results	Repo	orted Detection Limit
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
lpha-BHC			<rdl< td=""><td></td><td>2</td></rdl<>		2
lpha-Endosulfan			<rdl< td=""><td></td><td>2</td></rdl<>		2
beta-BHC			<rdl< td=""><td></td><td>2</td></rdl<>		2
eta-Endosulfan			<rdl< td=""><td></td><td>2</td></rdl<>		2

<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 Ext	raction Proce	dure	Method Ref: 1311	
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units:
Analyte Name			Analytical Resu	ts Reported Detection Limits
TCLP Extraction			NA	0
ANAT WORK, THET D MAN				N.4. 1D.6. 74704
ANALYSIS: TCLP Me	reury	<u>-</u>		Method Ref: 7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Mercury (Reg Limit = 0.2	!)		<rdl< td=""><td>0.01</td></rdl<>	0.01
ANALYSIS: TCLP Met	als			Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/5/98	Result Units: mg/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Arsenic (Reg Limit = 5.0)	Ì		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit = 100	.0)		1.0	1

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)

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ANALYSIS: X Base Neutral QC Surrogates (Soils)				Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/10/98	Result Units: %
Analyte Name			Analytical Result	s Reported Detection Limits
2-Fluorobiphenyl			53	0
Nitrobenzene-d5			52	0
p-Terphenyl-d14			79	0

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ANALYSIS: X DRO (OC Surrogates	(Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Rep</u>	ported Detection Limits
o-Terphenyl			78		0
ANALYSIS: X Pest/Pe	<u>CB QC Surrog</u>	ates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Rep</u>	oorted Detection Limits
Decachlorobiphenyl			82		0
Tetrachloro-m-xylene			72		0
ANALYSIS: X VOC Q	C Surrogates	(Waters)		Method Ref:	5030B/8260B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:	%
Analyte Name			Analytical Resul	<u>s Rep</u>	orted 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 Samp	le ID #: AB38329	Accura Project #: 15782
Client: Omega Env. S	ervices - Tucker	Date Sampled: 2/26/98
Client Contact: T. SHI	EPPARD	Date Received: 2/27/98
Client Project Number:	DACA21-97-C-0042	Date Reported: 9/16/98
Client Project Name:	HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOIL
Client Sample ID:	EB-F5-X	
	· · · · · · · · · · · · · · · · · · ·	

ANALYSIS: BTEX by	GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units: ug/Kg
Analyte Name			Analytical Resu	Its Reported Detection Limits
Benzene			140 J	250
Ethyl benzene			<rdl< td=""><td>250</td></rdl<>	250
Toluene			<rdl< td=""><td>250</td></rdl<>	250
Xylenes			4,600	250
ANALYSIS: Diesel Ra	inge Organics	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/10/98	Result Units: mg/Kg
Analyte Name			Analytical Resu	Its Reported Detection Limits
Diesel Range Organics	(DRO)		35	10
ANALYSIS: Metals -]	<u> Mercury - RC</u>	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Resu	ts Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals - 1	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Resu	ts 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			5.5	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

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Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98 R	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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			Ν	1ethod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/10/98 R	esult 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			M	Iethod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:		esult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
4,4'-DDD			<rdl< td=""><td>2</td></rdl<>	2
			< 61.0	,

4,4'-DDE 4,4'-DDT Aldrin alpha-BHC alpha-Endosulfan beta-BHC beta-Endosulfan delta-BHC

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<RDL = Less than Reported Detection Limit

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AALSample ID #: AB38329 Accura Project #: 15782

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

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ANALYSIS: TCLP Ex	traction Proc	edure		Method Ref: 1311
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units:
Analyte Name			Analytical Results	Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP M	ercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	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: TCLP M	etals			Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	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 = 10	0.0)		1.1	1
Cadmium (Reg Limit =	1.0)		<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Limit =	5.00		<rdl< td=""><td>1</td></rdl<>	1
· · · · · · · · · · · · · · · · · · ·	5.0)		1100	-
Lead (Reg Limit = 5.0)	5.07		<rdl< td=""><td>Ī</td></rdl<>	Ī
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ANALYSIS: X Base I	Neutral QC Su	rrogates (Soils)	1	Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/10/98 I	Result Units: %
Analyte Name			Analytical Results	Reported Detection Limits
2-Fluorobiphenyl			50	0
Nitrobenzene-d5			41	0
p-Terphenyl-d14			87	0

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ANALYSIS: X DRO	QC Surrogates	<u>(Soil)</u>		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/10/98	Result Units: %
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
o-Terphenyl			73	0
ANALYSIS: X Pest/Pe	CB QC Surrog	ates		Method Ref: 3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/10/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
Decachlorobiphenyl			100	0
Tetrachloro-m-xylene			94	0
ANALYSIS: X VOC (OC Surrogates	(Waters)		Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units: %
Analyte Name			Analytical Resul	Reported Detection Limits
1,2-Dichloroethane-d4			95	0
4-Bromofluorobenzene			118	0
Toluene-d8			105	0

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38330Accura Project #: 15782Client: Omega Env. Services - TuckerDate Sampled: 2/26/98Client Contact: T. SHEPPARDDate Received: 2/27/98Client Project Number: DACA21-97-C-0042Date Reported: 9/16/98Client Project Name: HUNTER AAF FIRE TRAINING AREASample Matrix: WATERClient Sample ID:I-TB

ANALYSIS: VOC's				Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units: ug/L
Analyte Name			Analytical Result	Reported Detection Limits
1,1,1-Trichloroethane			<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachloroethan	e		<rdl< td=""><td>5</td></rdl<>	5
1,1,2-Trichloroethane			<rd>k</rd>	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 (l	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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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 Q	C Surrogates	(Waters)		Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units: %
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
1,2-Dichloroethane-d4			106	0
4-Bromofluorobenzene			105	0
Toluene-d8			103	0

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Accura Analytical Laboratory, Inc.

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 Samp	le ID #: AB38331	Accura Project #: 15782
Client: Omega Env. S	ervices - Tucker	Date Sampled: 2/26/98
Client Contact: T. SH	EPPARD	Date Received: 2/27/98
Client Project Number:	DACA21-97-C-0042	Date Reported: 9/16/98
Client Project Name:	HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOIL
Client Sample ID:	METHOD BLANK	

ANALYSIS: BTEX b	y GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/4/98	Result Units: ug/Kg
Analyte Name			Analytical Resul	Reported Detection Limits
Benzene			<rdl< td=""><td>5</td></rdl<>	5
Ethyl benzene			<rdl< td=""><td>5</td></rdl<>	5
Toluene			<rdl< td=""><td>5</td></rdl<>	5
Xylenes			<rdl< td=""><td>5</td></rdl<>	5
ANALYSIS: Diesel R	ange Organic	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/10/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	<u>Reported Detection Limits</u>
Diesel Range Organics	(DRO)		<rdl< td=""><td>10</td></rdl<>	10
ANALYSIS: Metals -	Mercury - R	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	s <u>Reported Detection Limits</u>
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Result	s Reported Detection Limits
Arsenic			<rdl< td=""><td>5</td></rdl<>	5
Barium			<rdl< td=""><td>5</td></rdl<>	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

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<RDL = Less than Reported Detection Limit

Client Sample ID: METHOD BLANK

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AALSample ID #: AB38331 Accura Project #: 15782

Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98 R	esult Units: ug/Kg
	0.11.20	2 www.r.mary2001	5/10/50	uging
Analyte Name			Analytical Results	Reported Detection Limit
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			Μ	lethod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98 R	esult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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			Μ	ethod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:		esult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
upha-Endosulfan			<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
peta-BHC			<rdl <rdl< td=""><td></td></rdl<></rdl 	
beta-Endosulfan				2
			<rdl< td=""><td>2</td></rdl<>	2
lelta-BHC			<rdl< td=""><td>2</td></rdl<>	2

Client Sample ID: METHOD BLANK

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AALSample ID #: AB38331 Accura Project #: 15782

Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Techn Toxaphene	ical)		<rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< th=""><th></th><th>2 2 2 2 2 2 2 2 10 20 20</th></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl 		2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLP Ex	traction Pro	cedure		Method Ref:	1311
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units:	:
Analyte Name			Analytical Resu	lts Re	eported Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLP Me	ercury			Method Ref:	7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units:	mg/L
Analyte Name			Analytical Resu	lts <u>Re</u>	eported Detection Limits
Mercury (Reg Limit = 0.	.2)		<rdl< td=""><td></td><td>0.01</td></rdl<>		0.01
	-				
ANALYSIS: TCLP Me	etals			Method Ref:	3010A/6010B
	etals3/6/98	Date Analyzed:		Method Ref: Result Units:	3010A/6010B
ANALYSIS: TCLP Me		Date Analyzed:		Result Units:	3010A/6010B
ANALYSIS: TCLP Me Date Ext/Dig/Prep: Analyte Name Arsenic (Reg Limit = 5.0	3/6/98	Date Analyzed:	3/5/98	Result Units:	3010A/6010B mg/L
ANALYSIS: TCLP Me Date Ext/Dig/Prep: Analyte Name Arsenic (Reg Limit = 5.0 Barium (Reg Limit = 100	3/6/98)) 0.0)	Date Analyzed:	3/5/98 <u>Analytical Resul</u> <rdl <rdl< td=""><td>Result Units:</td><td>3010A/6010B mg/L eported Detection Limits 1 1</td></rdl<></rdl 	Result Units:	3010A/6010B mg/L eported Detection Limits 1 1
ANALYSIS: TCLP Me Date Ext/Dig/Prep: Analyte Name Arsenic (Reg Limit = 5.0 Barium (Reg Limit = 100 Cadmium (Reg Limit = 1	3/6/98)) 0.0) 1.0)	Date Analyzed:	3/5/98 <u>Analytical Resul</u> <rdl <rdl <rdl <rdl< td=""><td>Result Units:</td><td>3010A/6010B mg/L eported Detection Limits 1 1</td></rdl<></rdl </rdl </rdl 	Result Units:	3010A/6010B mg/L eported Detection Limits 1 1
ANALYSIS: TCLP Me Date Ext/Dig/Prep: Analyte Name Arsenic (Reg Limit = 5.0 Barium (Reg Limit = 100 Cadmium (Reg Limit = 1 Chromium (Reg Limit = 1	3/6/98)) 0.0) 1.0)	Date Analyzed:	3/5/98 <u>Analytical Resul</u> <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units:</td><td>3010A/6010B mg/L eported Detection Limits 1 1</td></rdl<></rdl </rdl </rdl </rdl 	Result Units:	3010A/6010B mg/L eported Detection Limits 1 1
ANALYSIS: TCLP Me Date Ext/Dig/Prep: Analyte Name Arsenic (Reg Limit = 5.0 Barium (Reg Limit = 100 Cadmium (Reg Limit = 100 Chromium (Reg Limit = 100 Chromium (Reg Limit = 5.0)	3/6/98 0) 0.0) 1.0) 5.0)	Date Analyzed:	3/5/98 Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units:</td><td>3010A/6010B mg/L eported Detection Limits 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl 	Result Units:	3010A/6010B mg/L eported Detection Limits 1 1
ANALYSIS: TCLP Me Date Ext/Dig/Prep: Analyte Name Arsenic (Reg Limit = 5.0 Barium (Reg Limit = 100 Cadmium (Reg Limit = 1 Chromium (Reg Limit = 1	3/6/98 0) 0.0) 1.0) 5.0)	Date Analyzed:	3/5/98 <u>Analytical Resul</u> <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units:</td><td>3010A/6010B mg/L eported Detection Limits 1 1</td></rdl<></rdl </rdl </rdl </rdl 	Result Units:	3010A/6010B mg/L eported Detection Limits 1 1
ANALYSIS: TCLP Me Date Ext/Dig/Prep: Analyte Name Arsenic (Reg Limit = 5.0 Barium (Reg Limit = 100 Cadmium (Reg Limit = 100 Cadmium (Reg Limit = 100 Chromium (Reg Limit = 100 Chromium (Reg Limit = 100 Selenium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0)	3/6/98 0.0) 1.0) 5.0) .0)		3/5/98 Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: <u>lts Re</u></td><td>3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1 1 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl 	Result Units: <u>lts Re</u>	3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 1 1 1 1
ANALYSIS: TCLP Me Date Ext/Dig/Prep: Analyte Name Arsenic (Reg Limit = 5.0 Barium (Reg Limit = 100 Cadmium (Reg Limit = 1 Chromium (Reg Limit = 1 Lead (Reg Limit = 5.0) Selenium (Reg Limit = 1	3/6/98 0.0) 1.0) 5.0) .0)		3/5/98 Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: <u>lts Re</u></td><td>3010A/6010B mg/L eported Detection Limits 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl 	Result Units: <u>lts Re</u>	3010A/6010B mg/L eported Detection Limits 1 1
ANALYSIS: TCLP Me Date Ext/Dig/Prep: Analyte Name Arsenic (Reg Limit = 5.0 Barium (Reg Limit = 100 Cadmium (Reg Limit = 1 Chromium (Reg Limit = 1 Chromium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) ANALYSIS: X Base N	3/6/98 0.0) 1.0) 5.0) .0)	urrogates (Soils)	3/5/98 Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: <u>Its Re</u> Method Ref: Result Units:</td><td>3010A/6010B mg/L sported Detection Limits 1 1 1 1 1 1 1 1 1 3550B/8270C</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl 	Result Units: <u>Its Re</u> Method Ref: Result Units:	3010A/6010B mg/L sported Detection Limits 1 1 1 1 1 1 1 1 1 3550B/8270C
ANALYSIS: TCLP Me Date Ext/Dig/Prep: Analyte Name Arsenic (Reg Limit = 5.0 Barium (Reg Limit = 100 Cadmium (Reg Limit = 100 Cadmium (Reg Limit = 100 Chromium (Reg Limit = 100 Chromium (Reg Limit = 100 Selenium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) ANALYSIS: X Base N Date Ext/Dig/Prep: Analyte Name	3/6/98 0.0) 1.0) 5.0) .0)	urrogates (Soils)	3/5/98 <u>Analytical Resul</u> <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: <u>Its Re</u> Method Ref: Result Units:</td><td>3010A/6010B mg/L ported Detection Limits 1 1 1 1 1 3550B/8270C %</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl 	Result Units: <u>Its Re</u> Method Ref: Result Units:	3010A/6010B mg/L ported Detection Limits 1 1 1 1 1 3550B/8270C %
ANALYSIS: TCLP Me Date Ext/Dig/Prep: Analyte Name Arsenic (Reg Limit = 5.0 Barium (Reg Limit = 100 Cadmium (Reg Limit = 100 Cadmium (Reg Limit = 100 Cadmium (Reg Limit = 100 Chromium (Reg Limit = 100 Selenium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) ANALYSIS: X Base N Date Ext/Dig/Prep:	3/6/98 0.0) 1.0) 5.0) .0)	urrogates (Soils)	3/5/98 Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: <u>Its Re</u> Method Ref: Result Units:</td><td>3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 3550B/8270C %</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl 	Result Units: <u>Its Re</u> Method Ref: Result Units:	3010A/6010B mg/L eported Detection Limits 1 1 1 1 1 1 3550B/8270C %

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ANALYSIS: X DRO	QC Surrogates	(Soil)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/10/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
o-Terphenyl			77	0
ANALYSIS: X Pest/Pe	CB QC Surrog	ates		Method Ref: 3580A/8081
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
Decachlorobiphenyl			94	0
Tetrachloro-m-xylene			82	0
ANALYSIS: X VOC ()C Surrogates	(Waters)		Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/4/98	Result Units: %
Analyte Name			Analytical Resul	<u>Reported Detection Limits</u>
1,2-Dichloroethane-d4			103	0
4-Bromofluorobenzene			113	0
Toluene-d8			104	0

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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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: WATER
Client Sample ID: METHOD BLANK	

ANALYSIS: VOC's

ANALYSIS: VOC's				Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units: ug/L
Analyte Name			Analytical Result	ts Reported Detection Limits
1,1,1-Trichloroethane			<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachloroetha	ne		<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 ethe	r		<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

Client Sample ID: METHOD BLANK

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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 C	C Surrogate	es (Waters)	Method Ref: 5030B/8260B					
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units: %				
Analyte Name			Analytical Resul	lts Reported Detection Limits				
1,2-Dichloroethane-d4			97	0				
4-Bromofluorobenzene			101	0				
Toluene-d8			104	0				

Accura Analytical Laboratory, Inc.

Client Sample ID: METHOD BLANK

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AALSample ID #: AB38332 Accura Project #: 15782

15_21	Norcross, GA 30071 Fax # (770) 449-5477				6	Sau 4 al	5.789		i	Accura Sample ID	No. AB	Seaso	3256		Res to the second secon	Seas	50002	Coness Section	101638	382162	38.63	marks:	ted:	COC97-2.XLS
	ຢູ			lse Only	Page 1 0F	initianti 28					Remarks			85/12/2-								Special Requirements Or Remarks:	Turnaround Time Requested:	
Y II	6017 Financial Driv Phone # (770) 449-8800			For Laboratory Use Only													7		7		~			
RY, INC.				DOT		1 2 3 4	ion: Good					/ / /	111		111					1 1 1 1	1/1/1	Date / Time	Date / Time	(sn
LABORATORY, INC	CUSTODY	Billing address:	Client P.O. #		Custody Seal:	QC Level: N	Sample Condition		A A A A A A A A A A A A A A A A A A A			, / / /	A/			1/1/	VVV	V V	VVV	NNN	NNN			s) (M = Miscellaneo
(, utr	OF		48905	Shenned	10 C			ted) /	gared		Ŝ	\mathbb{C}	$\widetilde{\mathcal{O}}$	5	Ņ	\mathcal{N}	M	8	Μ	S	\sim	Brud N OUL	در) المعادية (مالية الم	Sample) (F = Food
RA ANALYTICA Environmental A	CHAIN	Tuc,	Tuker GA	Tauis	2)757-1	Alea	0042	- Samplers: (printed)	M.		Sample Location:											Butter		SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellancous)
ACCUR		ENICES	1, Suite B	13	Fax # 2/	Inining			2/120/	atrix eserved	u a											Date / Time	Date / Time	(C = Cartridge) (SI
		Envernantel	Emperill Re	(): Corseinces	7-1606	HF Fire	421-1			sample Sample	دہ ^ یو	26/98	6/98	96/9	6/02	26/98	86/9	6/98	6/94	· 194	U/K			Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (
		Jinga 1	le el Han	Client Contact	(4/2)35	HUNTER H	DHC	Settiplers: (signature)	iller V	- fi		2/24	7 2/26	<u> 2124</u>	8 2/26	. 12	b 2/26	5 2/2	5 2/2	7 2/2	8 2/5	Helingenshed By:	Rélinquished By:	le: (S = Soil) (W = '
		Company Name:	Address: 2	Report Sent to: (Client Contact):	Contact Phone $\frac{\#}{t}$	Project Name:	Project Number:	Sattiplers	(MID)	Somelo ID #		E8-F6	EB-F	EWF	EB-F8	<u>Ε<u></u> Ψ-65-α</u>	EW-G5-b	EB-G5	EB-G6	EB-G7	EB-68	tel de la compara	Rél	Matrix Gui
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ACCURA ANALYTIC. IL LABORATORY, INC. 2019 Environmental Analytical Services	CHAIN OF CUSTODY Phone # (770) 449-8800 Fax # (770) 449-5477	Editor de Wide Services, Inc. Billing address: Marniel Rd Suite B The har Sh Image V Clime DO #	Conciences trend Theorie Marina	51-1616 Fax # 1912) 227-1408 Custody Seal: NOV 1	CAZI-97-C-DOYZ Sample Condition: 0000 xAI	Samplers: (printed)	14 Trav	Nu. of	$\begin{array}{c c c c c c c c c c c c c c c c c c c $		122/127 12 12 12 12 12 12 12 12 12 12 12 12 12			120/42	120/20 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 /		120/12 - ALALAN - 3 NNA VAVA VAVA	24/98	2/26/98 FOUTA NULLA INCL	Date / Time Received By: Date / Date /	
			Contact):	#(1/2)759-14:40 B		Satupters: (signature)	Court Marcul	omp omp	2/26/95	146 - hH-	ER-H5 2/2/100	8-H6 21	- 17 2	- 10 -	110 4/26	12/2/		26/98		/ Relinquishød By: Dat	

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(ACCURA ANALYTICAL LABORATORY, INC.	BORATORY, INC.	J918	∞
	Environmental Andytical Services	Services	6017 Financial Drive Morecose GA 20071	101
	CHAIN OF CUS	CUSTODY Phon	Phone # (770) 449-8800 Fax # (770) 449-5477	111
Company Name: Mercha Environment	tel Squiros, Inc.	Billing address:		Ì
Address: /66/ /handiprovid)	CA Suite & Tuther OA 20084 0	Client P.O. #		
Contact):	Consideres Ire, Then's Mary	For Laboratory	ratory Use Only	
Contact Phone # (1/2) 75 7- 16010	Fax # 1/2) 75-7- 1602 0	Custody Seal: Y N	Page OF J	I
Project Name: // what a Hilf +	ite Maining Mea	QC Level: N 1 2 3 4	Init/Temp: PN H°C	_
Project Number: MCA21-	92-0-2042 8	Sample Condition: CCO	1 #	Ĵ
C - 27 - 17 - 2				Τ
Salapiers: (signature)	Samplers: (printed)	A A A A A A A A A A A A A A A A A A A	L'AUT	
		A NA NA NA		T
Sample D# Date /Time	rab eserve		<u></u>	^a D
Date / Lime	ତ 폰 후 Sample Location: Cor		/ Remarks No. AB	<u>~</u>
-X 2/26/		X. V V A V. V K V	38348	20
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EB-I6 2/26/58		11000	05232	Q
EB-I7 2/26/98	<i>M</i>	y y y y y y y y	38.351	1-
EB-IS 2/21/98		1 4 4 4 4 4	3853	5
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Belinguistred By:	Date/Time Received By:	Date Time	Special Requirements Or Remarks:	<u></u>
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Matrix Guide: (S = Soil) (W = Water) (I. = I. iquid) (C = Cartridge) (SI	quid) (C = Cartridge) (SI, - Sludge) (A - Air Sample) (F - Finde) (M	(M = Miscellaneous)		_

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

Project Number: <u>15785</u> Client Project: Hunter AAF Fire Training / DACA21-97-C-0042

The "J" flagged benzene values that have been reported for this project were calculated in the following manner:

The dilution data was checked for Benzene hits below the reporting limit. When Benzene was present, this value was multiplied by the appropriate correction factor, taking into account the weight of sample analyzed and the dilution factor.

Analyst

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

CASE NARRATIVE for Project Number: <u>15785-Revision</u> 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, resulting in elevated detection limits:

BTEX - SW-846-8260A Ethyl benzene -EB-H5 EB-H6 EB-H7 EB-H8 EB-I7 EB-I8 Xylenes -EB-H5 EB-H6 EB-H7 EB-H8 EB-I6 EB-I7 PAH - SW-846-8270B EB-H5 EB-H6 EB-H7 EB-H8 EB-I6 **EB-I7 EB-I8** Diesel Range Organics (DRO) - SW-846-8015 EB-H5 EB-H6 EB-H7 EB-H8 EB-I6 EB-I7 EB-I8

2. The following samples required dilution due to matrix interference, resulting in elevated detection limits:

BTEX - SW-846-8260A Benzene -EB-H5 EB-H6 EB-H7 EB-H8 EB-I6 EB-I7 EB-I8 Ethyl benzene -EB-I6 Toluene -EB-H5 EB-H6 EB-H7 EB-H8 EB-I6 EB-I7 EB-I8 Xylenes -**EB-I8** PAH - SW-846-8270B EB-H7 EB-H8 EB-H5 EB-H6 EB-I6 **EB-I7** EB-I8

<u>PCB - SW-846-8082</u>	Pesticides - SW-846-8081A
EB-I6	EB-I6

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

Diesel Range Organics (DRO) - SW-846-8015 EB-H5 EB-H6 EB-H7 EB-H8 EB-I6 EB-I7 EB-I8

- 4. 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.
- 5. One surrogate was outside the method specified limits for the following sample due to matrix interference:

<u>BTEX - SW-846-8260A</u> EB-I5-X

6. The Benzene hits for the following samples were below the reporting limit and have been "J" flagged, indicating that they are estimated values:

<u>BTEX - SW-846-8260A</u> EB-H5 EB-H6 EB-H7 EB-I7

7. The report for the following sample has been modified to reflect a lower detection limit for Benzene:

BTEX - SW-846-8260A EB-H7

Quality Assurance

Client Services Representati

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: 9/18/98
Client Project Name: HUNTER AAF FIRE TRAINING	Sample Matrix: SOIL
Client Sample ID: EB-H5	

ANALYSIS: BTEX b	y GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units: ug/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Benzene			1,100 J	2500
Ethyl benzene			19,000	2500
Toluene			<rdl< td=""><td>2500</td></rdl<>	2500
Xylenes			25,000	2500
ANALYSIS: Diesel R	ange Organic	<u>s (DRO)</u>		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/3/98	Result Units: mg/Kg
Analyte Name			Analytical Result	ts Reported Detection Limits
Diesel Range Organics	(DRO)		1,900	100
ANALYSIS: Metals -	Mercury - R(~R &		Method Ref: 7471A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Result	ts Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Result	ts Reported Detection Limits
Arsenic			<rdl< td=""><td>5</td></rdl<>	5
Barium			6.5	5
Cadmium			0.9	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
			ALD D	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Client Sample ID: EB-H5

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AALSample ID #: AB38243 Accura Project #: 15785

Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/4/98	Result Units: ug/Kg
Date Extremely riep.	5/0/70		514150	Result Offits. ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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			<rdl 8,400</rdl 	1700
Phenanthrene			8,400 <rdl< td=""><td>1700</td></rdl<>	1700
Pyrene			<rdl< td=""><td>1700</td></rdl<>	1700
ANALYSIS: PCB's			1	Method Ref: 3550B/8082
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/4/98 I	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			٨	Method Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:		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
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
upha-Endosulfan			<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
peta-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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AALSample ID #: AB38243 Accura Project #: 15785

Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Techt Toxaphene	nical)		<rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< th=""><th></th><th>2 2 2 2 2 2 2 2 2 10 20 20</th></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl 		2 2 2 2 2 2 2 2 2 10 20 20
ANALYSIS: TCLP E	xtraction Pro	cedure		Method Ref:	1311
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units:	
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLP M	lercurv			Method Ref:	7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units:	mg/L
Analyte Name			Analytical Resul	t <u>s Re</u>	ported Detection Limits
Mercury (Reg Limit = ().2)		<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
ANALYSIS: TCLP M Date Ext/Dig/Prep:	(etals3/5/98	Date Analyzed:	3/3/98	Result Units:	3010A/6010B mg/L
Analyte Name			Analytical Result	<u>ts Re</u>	ported Detection Limits
Arsenic (Reg Limit = 5 Barium (Reg Limit = 10 Cadmium (Reg Limit = Chromium (Reg Limit = Lead (Reg Limit = 5.0) Selenium (Reg Limit = Silver (Reg Limit = 5.0)	00.0) 1.0) = 5.0) 1.0)		<rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td></td><td>1 1 1 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl 		1 1 1 1 1
ANALYSIS: X Base I	Neutral QC S	urrogates (Soils)		Method Ref:	3550B/8270C
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/4/98	Result Units:	%
Analyte Name			A nalution Dogult	e Pa	ported Detection Limits
			Analytical Result		ported Detection Limits

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ANALYSIS: X DRO Q	C Surrogates	(Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/3/98	Result Units:	%
Analyte Name			Analytical Resul	its <u>Re</u>	ported Detection Limits
o-Terphenyl			See narrativ	ve	0
ANALYSIS: X Pest/PC	B QC Surrog	ates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/4/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
Decachlorobiphenyl			90		0
Tetrachloro-m-xylene			74		0
ANALYSIS: X VOC Q	C Surrogates	(Soils)		Method Ref:	8260B
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
1,2-Dichloroethane-d4			80		0
4-Bromofluorobenzene			106		0
Toluene-d8			99		0

Accura Analytical Laboratory, Inc.

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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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING	Sample Matrix: SOIL
Client Sample ID: EB-H6	

ANALYSIS: BTEX by	GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Benzene			960 J	2500
Ethyl benzene			12,000	2500
Toluene			<rdl< td=""><td>2500</td></rdl<>	2500
Xylenes			16,000	2500
ANALYSIS: Diesel Ra	nge Organic	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Diesel Range Organics	(DRO)		1,600	100
ANALYSIS: Metals - I	<u> Mercury - RC</u>	CRA]	Method Ref: 7471A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals - I	RCRA	<u>.</u>]	Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	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			<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
			<rdl <rdl <rdl< td=""><td>5 5 5</td></rdl<></rdl </rdl 	5 5 5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Client Sample ID: EB-H6

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AALSample ID #: AB38244 Accura Project #: 15785

Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/4/98 Rest	ilt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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
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			4,500	1700
Phenanthrene			-4,500 	1700
			<rdl <rdl< td=""><td>1700</td></rdl<></rdl 	1700
Pyrene			NDL	1700
ANALYSIS: PCB's			Meth	nod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/4/98 Resu	lt 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			Meth	od Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:		lt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
4,4'-DDD				2
4,4'-DDE			<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
ŧ,4'-DDE ŧ,4'-DDT			<rdl< td=""><td>2</td></rdl<>	2
Aldrin			<rdl <rdl< td=""><td></td></rdl<></rdl 	
				2
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
beta-BHC			<rdl< td=""><td>2</td></rdl<>	2
oeta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
lelta-BHC			<rdl< td=""><td>2</td></rdl<>	2

Client Sample ID: EB-H6

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AALSample ID #: AB38244 Accura Project #: 15785

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 Ex	traction Proc	edure		Method Ref: 1311
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units:
Analyte Name			Analytical Resu	Its <u>Reported Detection Limits</u>
TCLP Extraction			NA	0
ANALYSIS: TCLP M	ercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Resu	Its Reported Detection Limits
Mercury (Reg Limit = 0	2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLP M	etals			Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units: mg/L
Analyte Name			Analytical Resu	ts <u>Reported Detection Limits</u>
Arsenic (Reg Limit = 5.0))		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit = 10	0.0)		<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 Base N	eutral QC Su	rrogates (Soils)		Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/4/98	Result Units: %
Analyte Name			Analytical Resu	ts Reported Detection Limits

Analyte Name	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl	82	0
Nitrobenzene-d5	51	0
p-Terphenyl-d14	95	0

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ANALYSIS: X DRO QC Surrogates (Soil)				Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
o-Terphenyl			See narrativ	ve	0
ANALYSIS: X Pest/PC	BQC Surrog	ates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/4/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
Decachlorobiphenyl			80		0
Tetrachloro-m-xylene			66		0
ANALYSIS: X VOC Q	C Surrogates	(Soils)		Method Ref:	8260B
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units:	%
Analyte Name			Analytical Result	ts <u>Re</u>	ported Detection Limits
1,2-Dichloroethane-d4			87		0
4-Bromofluorobenzene			106		0
Toluene-d8			104		0

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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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING	Sample Matrix: SOIL
Client Sample ID: EB-H7	

ANALYSIS: BTEX by	GC/MS	· · · · · · · · · · · · · · · · · · ·		Method Ref: 8260B
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units: ug/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Benzene			430 J	500
Ethyl benzene			9,000	2500
Toluene			<rdl< td=""><td>2500</td></rdl<>	2500
Xylenes			9,300	2500
ANALYSIS: Diesel Ra	ange Organics	<u>s (DRO)</u>		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
Diesel Range Organics	(DRO)		1,200	100
ANALYSIS: Metals -	<u> Mercury - RC</u>	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -]	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts 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 <rdl< td=""><td>5 5</td></rdl<></rdl 	5 5

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<RDL = Less than Reported Detection Limit

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Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/4/98 Res	ult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limi
1-Methylnaphthalene			6,400	1700
2-Methylnaphthalene			8,700	1700
Acenaphthene			8,700 <rdl< td=""><td>1700</td></rdl<>	1700
Acenaphthylene			<rdl <rdl< td=""><td>1700</td></rdl<></rdl 	1700
Anthracene			<rdl <rdl< td=""><td>1700</td></rdl<></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			5,500	1700
Phenanthrene			<rdl< td=""><td>1700</td></rdl<>	1700
Pyrene			<rdl< td=""><td>1700</td></rdl<>	1700
ANALYSIS: PCB's			Meti	hod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/4/98 Resu	ılt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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			Meth	nod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/4/98 Resu	lt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
4,4'-DDD			<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE			<rdl< td=""><td>2</td></rdl<>	2
4'-DDT			<rdl< td=""><td>2</td></rdl<>	2
Aldrin			<rdl< td=""><td>2</td></rdl<>	2
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
peta-BHC			<rdl< td=""><td>2</td></rdl<>	2
eta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
lelta-BHC			<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
iona"DIIC			~NDL	2

Client Sample ID: EB-H7

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AALSample ID #: AB38245 Accura Project #: 15785

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
ANALVSIS: TCUP Extraction Procedure	Method Pofi 1211	

ANALYSIS: TCLP Extraction Procedure		Method Ref: 1311		
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units:
Analyte Name			Analytical Resu	Its Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP Mercury				Method Ref: 7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Resu	Its <u>Reported Detection Limits</u>
Mercury (Reg Limit =	0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLP M	Ietals			Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	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 = 1	00.0)		<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Limit = 1.0)		<rdl< td=""><td>1</td></rdl<>	1	
Chromium (Reg Limit	•		<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5.0)			<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 Base Neutral QC Surrogates (Soils)		Method Ref: 3550B/8270C		
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/4/98	Result Units: %
Analyte Name			Analytical Resu	Its Reported Detection Limits
2-Fluorobiphenyl			94	0
Nitrobenzene-d5			86	0
p-Terphenyl-d14			103	0

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ANALYSIS: X DRO QC Surrogates (Soil)			Method Ref: 3550B/8015B		
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
o-Terphenyl			See narrativ	ve	0
ANALYSIS: X Pest/PCB QC Surrogates				Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/4/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
Decachlorobiphenyl			92		0
Tetrachloro-m-xylene			76		0
ANALYSIS: X VOC QC Surrogates (Soils)			Method Ref: 8260B		
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units:	%
Analyte Name			Analytical Result	ts <u>Re</u>	ported Detection Limits
1,2-Dichloroethane-d4			85		0
4-Bromofluorobenzene			100		0
Toluene-d8			99		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 #: 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: 9/16/98	
Client Project Name: HUNTER AAF FIRE TRAINING	Sample Matrix: SOIL	
Client Sample ID: EB-H8		

Date Ext/Dig/Prep:3/3/98Date Analyzed:3/3/98Result Units:ug/KgAnalyte NameAnalytical ResultsReported Detection LimitsBenzene <rdl< td="">2500Ethyl benzene9,0002500Toluene<rdl< td="">2500Xylenes<rdl< td="">2500ANALYSIS: Diesel Range Organics (DRO)Bate Analyzed:3/3/98Method Ref:Date Ext/Dig/Prep:3/5/98Date Analyzed:3/3/98Result Units:mg/KgAnalyte NameAnalytical ResultsReported Detection Limits100ANALYSIS: Metals - Mercury - RCHMethod Ref:7471AResult Units:mg/KgDate Ext/Dig/Prep:3/2/98Date Analyzed:3/2/98Result Units:mg/KgAnalyte NameMethod Ref:7471AResult Units:mg/KgDate Ext/Dig/Prep:3/2/98Date Analyzed:3/2/98Result Units:mg/KgAnalyte NameAnalytical ResultsReported Detection LimitsMetnortAnalytical Resultsmg/KgAnalyte Name0.5Mercury<rdl< td="">0.5</rdl<></rdl<></rdl<></rdl<>	<u>ANALYSIS:</u> <u>BTEX b</u>	y GC/MS			Method Ref: 8260B
Benzene <rdl< td="">2500Ethyl benzene9,0002500Toluene<rdl< td="">2500Xylenes38,0002500ANALYSIS: Diesel Range Organics (DRO)Method Ref: 3550B/8015BDate Ext/Dig/Prep:3/5/98Date Analyzed:3/5/98Date Analyzed:3/3/98Result Units: mg/KgAnalyte NameAnalytical ResultsReported Detection LimitsDiesel Range Organics (DRO)990100ANALYSIS: Metals - Mercury - RCRAMethod Ref: 7471ADate Ext/Dig/Prep:3/2/98Date Analyzed:3/2/98Date Analyzed:3/2/98Analytical Resultsmg/KgAnalyte NameAnalytical ResultsMethod Ref: 7471ADate Ext/Dig/Prep:3/2/98Date Analyzed:3/2/98Result Units: mg/KgAnalyte NameAnalytical ResultsMercuryS/208Date Analyzed:MercuryQ0.5</rdl<></rdl<>	Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units: ug/Kg
Ethyl benzene9,0002500Toluene $<$ RDL2500Xylenes $38,000$ 2500ANALYSIS: Diesel Rarge Organics (DRO)Method Ref: 3550B/8015BDate Ext/Dig/Prep: $3/5/98$ Date Analyzed: $Analyte Name$ $Analyteal Results mg/Kg$ Diesel Range Organics (DRO)990 $ANALYSIS: Metals - Mercury - RCM990Analyte Name100Analyte Name3/2/98Date Ext/Dig/Prep:3/2/98Date Analyzed:3/2/98Method Ref:7471ANate Ext/Dig/Prep:3/2/98Date Analyzed:3/2/98Result Units:mg/KgAnalyte NameAnalyteal Results mg/KgMethod Ref:7471ADate Ext/Dig/Prep:3/2/98Date Analyzed:3/2/98Result Units:mg/KgAnalyte NameAnalyteal Results Result Units:Mercury<RDL0.5$	Analyte Name			Analytical Result	s <u>Reported Detection Limits</u>
Toluene Xylenes $\langle RDL \\ 38,000$ 2500 ANALYSIS: Diesel Range Organics (DRO)Method Ref: $3550B/8015B$ Date Ext/Dig/Prep: $3/5/98$ Date Analyzed: $3/5/98$ Date Analyzed: $3/3/98$ Analyte NameAnalytical ResultsReported Detection LimitsDiesel Range Organics (DRO)990100ANALYSIS: Metals - Mercury - RCRAMethod Ref: $7471A$ Date Ext/Dig/Prep: $3/2/98$ Date Analyzed: $3/2/98$ Date Analyzed: $3/2/98$ Analyte Name $3/2/98$ Result Units: mg/KgAnalyte Name $Analytical Results$ Reported Detection LimitsMercury $\langle RDL$ 0.5	Benzene			<rdl< td=""><td>2500</td></rdl<>	2500
Xylenes $38,000$ 2500 ANALYSIS: Diesel Rarge Organics (DRO)Method Result Units: 1550 B/8015BDate Ext/Dig/Prep: $3/5/98$ Date Analyzet: $3/3/98$ Method Result Units: $10/7$ Analyte Name $Analytical ResultReported Detection LimitsDiesel Range Organics (DRO)990100ANALYSIS: Metals - Vercury - RCV-990100Analyte Name3/2/98Date Analyzet:Nethod Result Units: 10/7Analyte Name3/2/98Date Analyzet:Nethod Result Units: 10/7Analyte Name3/2/98Date Analyzet:Nethod Result Units: 10/7Analyte NameAnalyteal ResultReported Detection LimitsMercury< RDL0.5$	Ethyl benzene			9,000	2500
ANALYSIS: Diesel Range Organics (DRO) Method Ref.: 3550B/8015B Date Ext/Dig/Prep: 3/5/98 Date Analyzed: 3/5/98 Date Analyzed: 3/3/98 Analyte Name Analytical Result Units: mg/Kg Diesel Range Organics (DRO) 990 100 ANALYSIS: Metals - Mercury - RCRA Method Ref: 7471A Date Ext/Dig/Prep: 3/2/98 Date Analyzed: 3/2/98 Analyte Name 3/2/98 Result Units: mg/Kg Analyte Name 3/2/98 Result Units: mg/Kg Mercury S/2/98 Analytical Results Reported Detection Limits Mercury S/2/98 Result Units: mg/Kg	Toluene			<rdl< td=""><td>2500</td></rdl<>	2500
Date Ext/Dig/Prep:3/5/98Date Analyze:3/3/98Result Units:mg/KgAnalyte NameAnalyteal ResultAnalyteal ResultReported Detection LimitsDiesel Range Organics (DRO)990100ANALYSIS: Metals - Kercury - KercuryMethod Fragment - Kercury -	Xylenes			38,000	2500
Analyte Name Analytical Results Reported Detection Limits Diesel Range Organics (DRO) 990 100 ANALYSIS: Metals - Mercury - RCRA Method Ref: 7471A Date Ext/Dig/Prep: 3/2/98 Date Analyzed: 3/2/98 Result Units: mg/Kg Analyte Name Analytical Results Reported Detection Limits Reported Detection Limits Mercury </td <td>ANALYSIS: Diesel R</td> <td>ange Organic:</td> <td>s (DRO)</td> <td></td> <td>Method Ref: 3550B/8015B</td>	ANALYSIS: Diesel R	ange Organic:	s (DRO)		Method Ref: 3550B/8015B
Diesel Range Organics (DRO) 990 100 ANALYSIS: Metals - Mercury - RCRA Method Ref: 7471A Date Ext/Dig/Prep: 3/2/98 Date Analyzed: 3/2/98 Analyte Name Analytical Results mg/Kg Mercury <rdl< td=""> 0.5</rdl<>	Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units: mg/Kg
ANALYSIS: Metals - Mercury - RCRAMethod Ref: 7471ADate Ext/Dig/Prep:3/2/98Date Analyzed: 3/2/98Result Units: mg/KgAnalyte NameAnalytical ResultsReported Detection LimitsMercury <rdl< td="">0.5</rdl<>	Analyte Name			Analytical Result	s <u>Reported Detection Limits</u>
Date Ext/Dig/Prep:3/2/98Date Analyzed:3/2/98Result Units:mg/KgAnalyte NameAnalytical ResultsReported Detection LimitsMercury <rdl< td="">0.5</rdl<>	Diesel Range Organics	(DRO)		990	100
Analyte NameAnalytical ResultsReported Detection LimitsMercury <rdl< td="">0.5</rdl<>	ANALYSIS: Metals - Mercury - RCRA				Method Ref: 7471A
Mercury <rdl 0.5<="" td=""><td>Date Ext/Dig/Prep:</td><td>3/2/98</td><td>Date Analyzed:</td><td>3/2/98</td><td>Result Units: mg/Kg</td></rdl>	Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
·	Analyte Name			Analytical Result	Reported Detection Limits
ANALYSIS: Metals - RCRA Method Ref: SW846 6010A	Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
	ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep: 3/4/98 Date Analyzed: 3/2/98 Result Units: mg/Kg			Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name Analytical Results Reported Detection Limits	Analyte Name			Analytical Result	Reported Detection Limits
Arsenic <rdl 5<="" td=""><td>Arsenic</td><td></td><td></td><td><rdl< td=""><td>5</td></rdl<></td></rdl>	Arsenic			<rdl< td=""><td>5</td></rdl<>	5
Barium 15 5	Barium			15	5
Cadmium 1.0 0.5					
Chromium <rdl 5<="" td=""><td></td><td></td><td></td><td></td><td></td></rdl>					
Lead 20 5					
Selenium <rdl 5<="" td=""><td></td><td></td><td></td><td></td><td></td></rdl>					
Silver <rdl 5<="" td=""><td>Silver</td><td></td><td></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

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3/5/08	Date Analyzed:	3///08 Pe	esult Units: ug/Kg
515190		574756 KC	sun Onns. ug/Kg
		Analytical Results	Reported Detection Limit
		5,500	1600
		7,500	1600
		<rdl< td=""><td>1600</td></rdl<>	1600
		<rdl< td=""><td>1600</td></rdl<>	1600
	•	<rdl< td=""><td>1600</td></rdl<>	1600
		<rdl< td=""><td>1600</td></rdl<>	1600
		<rdl< td=""><td>1600</td></rdl<>	1600
			1600
			1600
			1600
			1600
			1600
			1600
			1600
			1600
		-	1600
			1600
		<rdl< td=""><td>1600</td></rdl<>	1600
		Me	ethod Ref: 3550B/8082
3/6/98	Date Analyzed:	3/4/98 Re	sult Units: ug/Kg
		Analytical Results	Reported Detection Limit
		<rdl< td=""><td>20</td></rdl<>	20
		<rdl< td=""><td>40</td></rdl<>	40
		<rdl< td=""><td>40</td></rdl<>	40
			20
			20
			20
		<rdl< td=""><td>20</td></rdl<>	20
	·		
2/6/09	Doto Analyzadı		ethod Ref: 3550B/8081A sult Units: ug/Kg
5/0/98	Date Analyzeu.		
		Analytical Results	Reported Detection Limits
		<rdl< td=""><td>2</td></rdl<>	2
			2
		<rdl< td=""><td>2</td></rdl<>	2
			2
	3/5/98 3/6/98	3/6/98 Date Analyzed:	3/6/98 Date Analyzet: Analytical Results 3/6/98 Date Analyzet: S,500 3/6/98 Date Analyzet: S/4/98 3/6/98 Date Analyzet: S/4/98

Client Sample ID: EB-H8

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AALSample ID #: AB38246 Accura Project #: 15785

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 Ex	traction Proc	edure		Method Ref: 1311
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units:
Analyte Name			Analytical Resu	Its Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP M	ercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Resu	Its Reported Detection Limits
Mercury (Reg Limit = 0	.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLP M	etals			Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	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 = 10	0.0)		<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 Base N	eutral QC Su	rrogates (Soils)		Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/4/98	Result Units: %
Analyte Name			Analytical Resu	ts Reported Detection Limits
2-Fluorobiphenyl			99	0
Nitrobenzene-d5			106	0

110

0

Client Sample ID: EB-H8

p-Terphenyl-d14

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ANALYSIS: X DRO Q	C Surrogates	(Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
o-Terphenyl			See narrativ	ve	0
ANALYSIS: X Pest/PC	B QC Surrog	ates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/4/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
Decachlorobiphenyl			83		0
Tetrachloro-m-xylene			75		0
ANALYSIS: X VOC Q	C Surrogates	(Soils)		Method Ref:	8260B
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
1,2-Dichloroethane-d4			93		0
4-Bromofluorobenzene			108		0
Toluene-d8			107		0

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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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING	Sample Matrix: SOIL
Client Sample ID: EB-I5	

ANALYSIS: BTEX b	y GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/4/98	Result Units: ug/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Benzene			<rdl< td=""><td>5</td></rdl<>	5
Ethyl benzene			<rdl< td=""><td>5</td></rdl<>	5
Toluene			<rdl< td=""><td>5</td></rdl<>	5
Xylenes			<rdl< td=""><td>5</td></rdl<>	5
ANALYSIS: Diesel R	ange Organic	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
Diesel Range Organics	(DRO)		<rdl< td=""><td>10</td></rdl<>	10
ANALYSIS: Metals -	Mercury - R	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Arsenic			<rdl< td=""><td>5</td></rdl<>	5
Barium			6.8	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

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<RDL = Less than Reported Detection Limit

Client Sample ID: EB-I5

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AALSample ID #: AB38247 Accura Project #: 15785

Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/4/98 Re	sult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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 <rdl< td=""><td>330</td></rdl<></rdl 	330
			<rdl <rdl< td=""><td></td></rdl<></rdl 	
Benzo(a)pyrene			<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
Benzo(b)fluoranthene				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			Ме	thod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/7/98	Date Analyzed:	3/4/98 Res	sult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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			Me	thod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/7/98	Date Analyzed:		sult 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
1,4'-DDT			<rdl< td=""><td>2</td></rdl<>	2
Aldrin			<rdl< td=""><td>2</td></rdl<>	2
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
peta-BHC			<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
eta-Endosulfan			<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
lelta-BHC			<rdl< td=""><td>2</td></rdl<>	2

Client Sample ID: EB-I5

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AALSample ID #: AB38247 Accura Project #: 15785

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 E	traction Proc	edure		Method Ref: 1311
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units:
Analyte Name			Analytical Resu	Its Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP M	ercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Resu	Its Reported Detection Limits
Mercury (Reg Limit = 0	.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLP M	etals			Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	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 = 10	•		<rdl< td=""><td>· I</td></rdl<>	· I
Cadmium (Reg Limit =			<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 Silver (Reg Limit = 5.0)	,		<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1
5 (reg 5 5.6)				÷ .
ANALYSIS: X Base N	leutral QC Su	rrogates (Soils)		Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/4/98	Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl	62	0
Nitrobenzene-d5	49	0
p-Terphenyl-d14	91	0

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ANALYSIS: X DRO Q	(Soil)		Method Ref: 3	3550B/8015B	
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Rep</u>	orted Detection Limits
o-Terphenyl			84		0
ANALYSIS: X Pest/PC	B QC Surrog	ates		Method Ref: 3	3580A/8081
Date Ext/Dig/Prep:	3/7/98	Date Analyzed:	3/4/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Rep</u>	orted Detection Limits
Decachlorobiphenyl			86		0
Tetrachloro-m-xylene			90		0
ANALYSIS: X VOC Q	C Surrogates	(Soils)		Method Ref: 8	3260B
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/4/98	Result Units:	%
Analyte Name			Analytical Result	s <u>Repo</u>	orted Detection Limits
1,2-Dichloroethane-d4			89		0
4-Bromofluorobenzene			119		0
Toluene-d8			110		0

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LABORATORY REPORT

Accura Sam	AB38248	Accura Project #: 15785			
Client: Omega Env. Services - Tucker				Date	e Sampled: 2/26/98
Client Contact: T. SH	IEPPARD			Date	e Received: 2/27/98
Client Project Number:	DACA21-97	7-C-0042		Date	e Reported: 9/16/98
Client Project Name:	HUNTER A	AF FIRE TRAININ	IG	Sam	ple Matrix: SOIL
Client Sample ID:	EB-I5-X				
ANALYSIS: BTEX b	y GC/MS			Method Ref:	8260B
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/4/98	Result Units:	ug/Kg
Analyte Name			Analytical R	esults <u>Re</u>	ported Detection Limits
Benzene			<rdl< td=""><td></td><td>5</td></rdl<>		5
Ethyl benzene			<rdl< td=""><td></td><td>5</td></rdl<>		5
Toluene			<rdl< td=""><td></td><td>5</td></rdl<>		5
Xylenes			<rdl< td=""><td></td><td>5</td></rdl<>		5
ANALYSIS: Diesel R	ange Organic	s (DRO)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units:	mg/Kg
Analyte Name			Analytical R	esults <u>Re</u>	ported Detection Limits
Diesel Range Organics	(DRO)		<rdl< td=""><td></td><td>10</td></rdl<>		10
ANALYSIS: Metals -	<u>Mercury - R(</u>	CRA		Method Ref:	7471A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units:	mg/Kg
Analyte Name			Analytical Re	esults <u>Re</u>	ported Detection Limits

Mercury

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ANALYSIS: Metals - RCRA Date Ext/Dig/Prep:

3/4/98

Method Ref: SW846 6010A Result Units: mg/Kg

0.5

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<rdl< td=""><td>5</td></rdl<>	5
Barium	6.8	5
Cadmium	0.9	0.5
Chromium	<rdl< td=""><td>5</td></rdl<>	5
Lead	13	5
Selenium	<rdl< td=""><td>5</td></rdl<>	5
Silver	<rdl< td=""><td>5</td></rdl<>	5

Date Analyzed: 3/2/98

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<RDL = Less than Reported Detection Limit

<RDL

ANALYSIS: PAH's			Method Ref: SW846 8270		
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/4/98 R	esult 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			М	lethod Ref: 3550B/8082	
Date Ext/Dig/Prep:	3/7/98	Date Analyzed:	3/4/98 Re	esult Units: ug/Kg	
Analyte Name			Analytical Results	Reported Detection Limits	

	······································	
PCB-1016	<rdl< th=""><th>20</th></rdl<>	20
PCB-1221	<rdl< th=""><th>40</th></rdl<>	40
PCB-1232	<rdl< th=""><th>40</th></rdl<>	40
PCB-1242	<rdl< th=""><th>20</th></rdl<>	20
PCB-1248	<rdl< th=""><th>20</th></rdl<>	20
PCB-1254	<rdl< th=""><th>20</th></rdl<>	20
PCB-1260	<rdl< th=""><th>20</th></rdl<>	20

ANALYSIS: Pesticide	S		Method Ref: 3550B/8081A	
Date Ext/Dig/Prep:	3/7/98	Date Analyzed:	3/4/98	Result Units: ug/Kg
Analyte Name			Analytical Result	<u>Reported Detection Limits</u>
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

<RDL = Less than Reported Detection Limit

<RDL

<RDL <RDL

<RDL

2

2

2

2

alpha-Endosulfan

beta-Endosulfan

beta-BHC

delta-BHC

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AALSample ID #: AB38248 Accura Project #: 15785

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 Ex	traction Proc	edure		Method Ref: 1311
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units:
Analyte Name			Analytical Resu	Its Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP M	ercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Resu	Its 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 Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	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 = 10	0.0)		<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 Base Neutral QC Surrogates (Soils)				Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/4/98	Result Units: %
Analyte Name			Analytical Resul	Its Reported Detection Limits

Analyte Name	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl	66	0
Nitrobenzene-d5	60	0
p-Terphenyl-d14	87	0

ANALYSIS: X DRO Q	C Surrogates	(Soil)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units: %
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
o-Terphenyl			75	0
ANALYSIS: X Pest/PC	CB QC Surrog	ates		Method Ref: 3580A/8081
Date Ext/Dig/Prep:	3/7/98	Date Analyzed:	3/4/98	Result Units: %
Analyte Name			Analytical Resul	Reported Detection Limits
Decachlorobiphenyl			93	0
Tetrachloro-m-xylene			89	0
ANALYSIS: X VOC Q	C Surrogates	(Soils)		Method Ref: 8260B
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/4/98	Result Units: %
Analyte Name			Analytical Resul	<u>s</u> <u>Reported Detection Limits</u>
1,2-Dichloroethane-d4			90	0
4-Bromofluorobenzene			122	0
Toluene-d8			110	0

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #:AB38249Accura Project #:15785Client:Omega Env. Services - TuckerDate Sampled:2/26/98Client Contact:T. SHEPPARDDate Received:2/27/98Client Project Number:DACA21-97-C-0042Date Reported:9/16/98Client Project Name:HUNTER AAF FIRE TRAININGSample Matrix:WATERClient Sample ID:III-TBIII-TBIII-TBIII-TB

ANALYSIS: VOC's				Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units: ug/L
Analyte Name			Analytical Result	ts Reported Detection Limits
1,1,1-Trichloroethane			<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachloroethan	e		<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 (l	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

Client Sample ID: III-TB

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AALSample ID #: AB38249 Accura Project #: 15785

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	: 5030B/8260B
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units	: %
Analyte Name			Analytical Resul	<u>lts R</u>	eported 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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING	Sample Matrix: SOIL
Client Sample ID: EB-I6	

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ANALYSIS: BTEX by GC/MS				Method Ref: 8260B
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/4/98	Result Units: ug/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Benzene			<rdl< td=""><td>2500</td></rdl<>	2500
Ethyl benzene			<rdl< td=""><td>2500</td></rdl<>	2500
Toluene			<rdl< td=""><td>2500</td></rdl<>	2500
Xylenes			29,000	2500
ANALYSIS: Diesel Ra	nge Organic	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Diesel Range Organics	(DRO)		6,500	2000
ANALYSIS: Metals - Mercury - RCRA			Method Ref: 7471A	
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Result	ts Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals - F	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Result	ts 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

Client Sample ID: EB-I6

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AALSample ID #: AB38250 Accura Project #: 15785

Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/4/98 R	lesult Units:	ug/Kg
Analyte Name			Analytical Results	<u>Re</u>	ported Detection Limit
1-Methylnaphthalene			30,000		6500
2-Methylnaphthalene			39,000		6500
Acenaphthene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Acenaphthylene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Anthracene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Benzo(a)anthracene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Benzo(a)pyrene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Benzo(b)fluoranthene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Benzo(g,h,i)perylene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Benzo(k)fluoranthene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Chrysene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Dibenzo(a,h)anthracene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Fluoranthene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Fluorene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Indeno(1,2,3-cd)pyrene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Naphthalene			-RDL 14,000		1600
Phenanthrene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Pyrene					1000
ANALYSIS: PCB's			Ν	lethod Ref:	3550B/8082
Date Ext/Dig/Prep:	3/7/98	Date Analyzed:	3/4/98 R	esult Units:	ug/Kg
Analyte Name			Analytical Results	Re	ported Detection Limits
PCB-1016			<rdl< td=""><td></td><td>20</td></rdl<>		20
PCB-1221			<rdl< td=""><td></td><td>80</td></rdl<>		80
PCB-1232			<rdl< td=""><td></td><td>80</td></rdl<>		80
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
ANALYSIS: Pesticides			N	lethod Ref:	3550B/8081A
Date Ext/Dig/Prep:	3/7/98	Date Analyzed:		esult Units:	ug/Kg
Analyte Name			Analytical Results	Rei	ported Detection Limits
4,4'-DDD			<rdl< td=""><td></td><td>4</td></rdl<>		4
4,4'-DDE			<rdl <rdl< td=""><td></td><td>2</td></rdl<></rdl 		2
4,4'-DDE 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 <rdl< td=""><td></td><td>2</td></rdl<></rdl 		2
•			<rdl <rdl< td=""><td></td><td></td></rdl<></rdl 		
alpha-Endosulfan					2
beta-BHC			<rdl< td=""><td></td><td>2</td></rdl<>		2
beta-Endosulfan			<rdl< td=""><td></td><td>2</td></rdl<>		2
delta-BHC			<rdl< td=""><td></td><td>2</td></rdl<>		2

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AALSample ID #: AB38250 Accura Project #: 15785

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>10 .</td></rdl<>		10 .
Total Chlordane (Techr	nical)		<rdl< td=""><td></td><td>20</td></rdl<>		20
Toxaphene			<rdl< td=""><td></td><td>20</td></rdl<>		20
1 onapriorio					200
ANALYSIS: TCLP E	xtraction Pro	cedure		Method Ref:	1311
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units:	
Analyte Name			Analytical Resu	<u>ilts Re</u>	ported Detection Limits
TCLP Extraction			NÁ		0
ICLP Extraction			NA		U
ANALYSIS: TCLP M	ercury			Method Ref:	7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units:	mg/L
Analyte Name			Analytical Resu	<u>lts Re</u>	ported Detection Limits
Mercury (Reg Limit = ().2)		<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
ANALYSIS: TCLP M	atale			Method Ref	3010A/6010B
			·		
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units:	mg/L
Analyte Name			Analytical Resu	<u>lts Re</u>	ported Detection Limits
Arsenic (Reg Limit = 5.	0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Barium (Reg Limit = 10	0.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Cadmium (Reg Limit =			<rdl< td=""><td></td><td>1</td></rdl<>		1
Chromium (Reg Limit =			<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 = 5.0)			<rdl< td=""><td></td><td>1</td></rdl<>		1
ANALYSIS: X Base 1	<u>veutral QC S</u>	urrogates (Soils)			3550B/8270C
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/4/98	Result Units:	%
Analyte Name			Analytical Resu	<u>lts Re</u>	ported Detection Limits
2-Fluorobiphenyl			74		0
NT: 1 10			104		•

124

106

0

0

Nitrobenzene-d5

p-Terphenyl-d14

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ANALYSIS: X DRO QC Surrogates (Soil)				Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
o-Terphenyl			See narrativ	ve	0
ANALYSIS: X Pest/PC	B QC Surrog	ates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/7/98	Date Analyzed:	3/4/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u> j	ported Detection Limits
Decachlorobiphenyl			77		0
Tetrachloro-m-xylene			72		0
ANALYSIS: X VOC Q	C Surrogates	(Soils)		Method Ref:	8260B
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/4/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u> r	ported Detection Limits
1,2-Dichloroethane-d4			88		0
4-Bromofluorobenzene			117		0
Toluene-d8			110		0

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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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING	Sample Matrix: SOIL
Client Sample ID: EB-I7	

ANALYSIS: BTEX by GC/MS				Method Ref: 8260B
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/4/98	Result Units: ug/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Benzene			560 J	2500
Ethyl benzene			13,000	2500
Toluene			<rdl< td=""><td>2500</td></rdl<>	2500
Xylenes			34,000	2500
ANALYSIS: Diesel Ra	ange Organic	<u>s (DRO)</u>		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Diesel Range Organics	(DRO)		2,200	100
ANALYSIS: Metals - Mercury - RCRA			Method Ref: 7471A	
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts 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			<rdl< td=""><td>5</td></rdl<>	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

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ANALYSIS: PAH's	A 1 = 10 -				SW846 8270
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/4/98	Result Units:	ug/Kg
Analyte Name			Analytical Result	ts <u>Re</u>	ported Detection Limit
1-Methylnaphthalene			11,000		1600
2-MethyInaphthalene			15,000		1600
Acenaphthene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Acenaphthylene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Anthracene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Benzo(a)anthracene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Benzo(a)pyrene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Benzo(b)fluoranthene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Benzo(g,h,i)perylene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Benzo(k)fluoranthene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Chrysene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Dibenzo(a,h)anthracene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Fluoranthene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Fluorene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Indeno(1,2,3-cd)pyrene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Naphthalene			10,000		1600
Phenanthrene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
Pyrene			<rdl< td=""><td></td><td>1600</td></rdl<>		1600
ANALYSIS: PCB's				Method Ref:	3550B/8082
Date Ext/Dig/Prep:	3/7/98	Date Analyzed:	3/4/98	Result Units:	ug/Kg
		-			
Analyte Name			Analytical Result	<u>s Ke</u> j	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
ANALYSIS: Pesticides				Method Ref:	3550B/8081A
Date Ext/Dig/Prep:	3/7/98	Date Analyzed:	3/4/98	Result Units:	ug/Kg
Analyte Name			Analytical Result	s <u>Re</u> r	ported 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
beta-Endosulfan			<rdl< td=""><td></td><td>2</td></rdl<>		2
delta-BHC			<rdl< td=""><td></td><td>2</td></rdl<>		2
			= Less than Reported D		

<RDL = Less than Reported Detection Limit

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AALSample ID #: AB38251 Accura Project #: 15785

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 Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units:
Analyte Name			Analytical Resu	Its Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP M	ercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Resu	ts Reported Detection Limits
Mercury (Reg Limit = 0	.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLP M	etals			Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units: mg/L
Analyte Name			Analytical Resu	ts Reported Detection Limits
Arsenic (Reg Limit = 5.	0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit = 10	0.0)		<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 Base N	leutral QC S	urrogates (Soils)		Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/4/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
2-Fluorobiphenyl			88	0
Nitrobenzene-d5			99	ů 0
				-

114

0

p-Terphenyl-d14

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ANALYSIS: X DRO QC Surrogates (Soil)				Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
o-Terphenyl			See narrati	ve 0
ANALYSIS: X Pest/PC	B QC Surrog	ates		Method Ref: 3580A/8081
Date Ext/Dig/Prep:	3/7/98	Date Analyzed:	3/4/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
Decachlorobiphenyl			73	0
Tetrachloro-m-xylene			62	0
ANALYSIS: X VOC Q	C Surrogates	(Soils)		Method Ref: 8260B
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/4/98	Result Units: %
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
1,2-Dichloroethane-d4			89	. 0
4-Bromofluorobenzene			110	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 #: 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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING	Sample Matrix: SOIL
Client Sample ID: EB-I8	

ANALYSIS: BTEX b	y GC/MS	<u>.</u> _		Method Ref: 8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: ug/Kg
Analyte Name			Analytical Result	ts Reported Detection Limits
Benzene			<rdl< td=""><td>2500</td></rdl<>	2500
Ethyl benzene			5,100	2500
Toluene			<rdl< td=""><td>2500</td></rdl<>	2500
Xylenes			<rdl< td=""><td>2500</td></rdl<>	2500
ANALYSIS: Diesel R	ange Organic	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units: mg/Kg
Analyte Name			Analytical Result	<u>Reported Detection Limits</u>
Diesel Range Organics	(DRO)		840	100
ANALYSIS: Metals -	Mercury - R	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Result	s Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Result	s <u>Reported Detection Limits</u>
Arsenic			<rdl< td=""><td>5</td></rdl<>	5
Barium			9.4	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

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<RDL = Less than Reported Detection Limit

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AALSample ID #: AB38252 Accura Project #: 15785

Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/4/98 Resu	lt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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 <rdl< td=""><td>1600</td></rdl<></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			Meth	od Ref: 3550B/8082
Date Ext/Dig/Prep:	3/7/98	Date Analyzed:	3/4/98 Resul	lt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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 <rdl< td=""><td>20</td></rdl<></rdl 	20
PCB-1242			<rdl< td=""><td>20</td></rdl<>	20
			<rdl< td=""><td></td></rdl<>	
PCB-1254				20
PCB-1260			<rdl< td=""><td>20</td></rdl<>	20
ANALYSIS: Pesticides			Meth	od Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/7/98	Date Analyzed:	3/4/98 Resul	lt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
4,4'-DDD			<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDE			<rdl< td=""><td>2</td></rdl<>	2
1,4'-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
peta-BHC			<rdl< td=""><td>2</td></rdl<>	2
peta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
delta-BHC			<rdl< td=""><td>2</td></rdl<>	2
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AALSample ID #: AB38252 Accura Project #: 15785

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 Ex	traction Proc	edure		Method Ref: 1311
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units:
Analyte Name			Analytical Resu	ts Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP M	ercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	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 Me	etals			Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units: mg/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Arsenic (Reg Limit = 5.0))		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit = 10	0.0)		<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

ANALYSIS: X Base	<u>Neutral QC S</u>	urrogates (Soils)		Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/4/98	Result Units: %
Analyte Name			Analytical Resu	Its Reported Detection Limits
2-Fluorobiphenyl			97	0
Nitrobenzene-d5			91	0
p-Terphenyl-d14			114	0

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Silver (Reg Limit = 5.0)

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ANALYSIS: X DRO Q	C Surrogates	(Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u> r	ported Detection Limits
o-Terphenyl			See narrativ	ve	0
ANALYSIS: X Pest/PC	B QC Surrog	ates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/7/98	Date Analyzed:	3/4/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u> r	ported Detection Limits
Decachlorobiphenyl			94		0
Tetrachloro-m-xylene			76		0
ANALYSIS: X VOC Q	C Surrogates	(Soils)		Method Ref:	8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u> r	ported Detection Limits
1,2-Dichloroethane-d4			87		0
4-Bromofluorobenzene			111		0
Toluene-d8			108		0

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LABORATORY REPORT

Accura Samp	le ID #: AB38253	Accura Project #: 15785
Client: Omega Env. S	ervices - Tucker	Date Sampled: 2/26/98
Client Contact: T. SH	EPPARD	Date Received: 2/27/98
Client Project Number:	DACA21-97-C-0042	Date Reported: 9/16/98
Client Project Name:	HUNTER AAF FIRE TRAINING	Sample Matrix: SOIL
Client Sample ID:	METHOD BLANK	

ANALYSIS: BTEX b	v GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Benzene			<rdl< td=""><td>5</td></rdl<>	5
Ethyl benzene			<rdl< td=""><td>5</td></rdl<>	5
Toluene			<rdl< td=""><td>5</td></rdl<>	5
Xylenes			<rdl< td=""><td>5</td></rdl<>	5
ANALYSIS: Diesel R	ange Organic	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/3/98	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Diesel Range Organics	(DRO)		<rdl< td=""><td>10</td></rdl<>	10
ANALYSIS: Metals -	Mercury - RO	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA]	Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/2/98	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Arsenic			<rdl< td=""><td>5</td></rdl<>	5
Barium			<rdl< td=""><td>5</td></rdl<>	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

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<RDL = Less than Reported Detection Limit

Client Sample ID: METHOD BLANK

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AALSample ID #: AB38253 Accura Project #: 15785

Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/4/98 Res	ult Units: ug/Kg
Analyta Nama		•		5 5
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			Met	hod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/4/98 Res	ult 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			Met	hod Ref; 3550B/8081A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:		ult 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
			<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC alpha-Endosulfan				
alpha-BHC alpha-Endosulfan beta-BHC			<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC alpha-Endosulfan beta-BHC beta-Endosulfan delta-BHC				

Client Sample ID: METHOD BLANK

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AALSample ID #: AB38253 Accura Project #: 15785

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 Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units:
Analyte Name			Analytical Resu	Its Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP Me	rcury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/2/98	Date Analyzed:	3/2/98	Result Units: mg/L
Analyte Name			Analytical Resu	ts Reported Detection Limits
Mercury (Reg Limit = 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1	
ANALYSIS: TCLP Me	tals			Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/3/98	Result Units: mg/L
Analyte Name			Analytical Resu	ts 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

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)

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ANALYSIS: X Base N	eutral QC Su	rrogates (Soils)	Method Ref: 3550B/8270C				
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/4/98	Result Units:	%		
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits		
2-Fluorobiphenyl			65		0		
Nitrobenzene-d5			50		0		
p-Terphenyl-d14			92		0		

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ANALYSIS: X DRO Q	C Surrogates	(Soil)		Method Ref: 3	3550B/8015B
Date Ext/Dig/Prep:	3/4/98	Date Analyzed:	3/3/98	Result Units:	%
Analyte Name			Analytical Resul	ts Rep	orted Detection Limits
o-Terphenyl			66		0
ANALYSIS: X Pest/PC	B QC Surrog	ates		Method Ref: 3	3580A/8081
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/4/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Repo</u>	orted Detection Limits
Decachlorobiphenyl			98		0
Tetrachloro-m-xylene			82		0
ANALYSIS: X VOC O	C Surrogates	(Soils)		Method Ref: 8	3260B
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units:	%
Analyte Name			Analytical Result	ts <u>Repo</u>	orted Detection Limits
1,2-Dichloroethane-d4			90		0
4-Bromofluorobenzene			93		0
Toluene-d8			95		0

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LABORATORY REPORT

Accura Sample ID #:AB38254Accura Project #:15785Client:Omega Env. Services - TuckerDate Sampled:2/26/98Client Contact:T. SHEPPARDDate Received:2/27/98Client Project Number:DACA21-97-C-0042Date Reported:9/16/98Client Project Name:HUNTER AAF FIRE TRAININGSample Matrix:WATERClient Sample ID:METHOD BLANKKKK

ANALYSIS: VOC's				Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units: ug/L
Analyte Name			Analytical Result	Reported Detection Limits
1,1,1-Trichloroethane			<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachloroethan	e		<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 (l	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

Client Sample ID: METHOD BLANK

AALSample ID #: AB38254 Accura Project #: 15785

<rdl< th=""><th>5</th></rdl<>	5
<rdl< td=""><td>5</td></rdl<>	5
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ANALYSIS: X VOC Q	C Surrogates	s (Waters)	Method Ref: 5030B/8260B				
Date Ext/Dig/Prep:	3/3/98	Date Analyzed:	3/3/98	Result Units:	%		
Analyte Name			Analytical Result	t <u>s Re</u>	ported Detection Limits		
1,2-Dichloroethane-d4			97		0		
4-Bromofluorobenzene			101		0		
Toluene-d8			104		0		

Accura Analytical Laboratory, Inc.

Client Sample ID: METHOD BLANK

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$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c lent Connact } \hline Currency fract Charge 1 \\ \hline (U12) (757) - (100) \\ \hline Fax \# (112) 757 - (100) \\ \hline (112) 1757 - (100) \\ \hline (112) 1577 - (100) \\ \hline (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112) 1577 - (112$	The Client Contact): Crewe Leve 4: Let her 6:1 2008/1 Client PO.# #(1)2)757-lbob Fax # (1)2)757-lbox Support	ne. Cherge Environmensul Zervices, Tree, Utbel Hammershull Red Siede & Territer Al 2008 Client P.O. # Client Contact: $\pi(U_2)^{2}G_{7}-Rede = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Rede = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Rede = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Rede = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Rede = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Rede = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Rede = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Rede = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Rede = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Rede = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Rede = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Rede = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Rede = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Rede = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Rede = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Rede = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Rede = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Red = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Red = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Red = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Red = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Red = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Red = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Red = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)^{2}G_{7}-Red = Zere, Tree/Support Custory Seat, Y. N. Rev Laborato \pi(U_2)$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			Beceived Rv.		1.22) <
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6017 Financial Drive, Norcross, Georgia, 30071, Phone (770)449-8800

CASE NARRATIVE for Project Number: <u>15821-Revision</u> Client Project: Hunter AAF Fire Training Area / DACA21-97-C-0042

The following items were noted concerning this project:

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1. The following samples required dilution due to high analyte concentration, resulting in elevated detection limits:

BTEX - SW-846-8260A Benzene -EW-L8-B EB-L7 EB-L6 Ethyl benzene -EB-L8 EW-L8-B EB-L7 EB-L6 Toluene -EB-L7 Xylenes -EB-L8 EW-L8-B EB-L6 PAH - SW-846-8270B EB-L6 DRO - SW-846-8015 EW-I4-A EW-L8-B EW-L8-A EB-L7 EB-L8 EB-L6

2. The following samples required dilution due to matrix interference, resulting in elevated detection limits:

BTEX - SW-8	<u>46-8260A</u>					
Benzene -	EW-H4	EW-I4-A	EB-L8			
Ethyl benzene	- EW-H4	4 EW-I4	-A EW-I4	- B E	W-L6	EW-L6-X
Toluene -	EW-H4	EW-I4-A	EW-I4-B	EB-L8	EW-L	8-B
	EB-L7	EB-L6	EW-L6	EW-L6-X	ζ.	
Xylenes -	EW-H4	EW-I4-A	EW-I4-B	EW-L6	EV	V-L6-X
<u> PAH - SW-840</u>	<u>5-8270B</u>					
EW-I4-A	EB-L8	EW-L8-B	EB-L7	,		

3. The following surrogate recoveries were outside the method specified limits due to matrix interference:

<u>BTEX - SW-846-8260A</u>										
4-Bromofluorob	enzene -	EW-I4-A	EW-L8-B	EW-L8-A						
		EB-L7	EW-L6	EW-L6-X						
Toluene-d8 -	EB-L7									

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

PAH - SW-846-8270BNitrobenzene-d5-EB-L8EB-L7Pest/PCB - SW-846-8081 & 8082Decachlorobiphenyl(DCB)-EW-L8-BEB-L7

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

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

<u>PAH - SW-846-8270B</u> EW-L8-B <u>DRO - SW-846-8015</u> EW-I4-A EB-L8 EW-L8-B EW-L8-A EB-L7 EB-L6

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

PEST/PCB -	SW-846-8081	<u>& 8082</u>			
EW-H4	EW-I4-B	EB-L8	EW-L8-A	EB-L7	EB-L6

7. 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 this sample should not be effected.

8. The DRO hit in the following sample appears to be a light hydrocarbon such as kerosene:

EW-I4-A

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9. 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

10. The DRO hit in the following sample appears to be a heavy hydrocarbon such as an oil:

EW-L8-A

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11. The reports for the following samples have been modified to reflect lower detection limits for Benzene:

BTEX - SW-846-8260A EW-I4-B EW-L6 EW-L6-X

Quality Assurance

lient Services Representative

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477FL Certification # E87429NC Certification # 483SC Certification # 98015USACE-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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING ARE	A Sample Matrix: SOIL
Client Sample ID: EW-H4	

ANALYSIS: BTEX H	y GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: ug/Kg
Analyte Name			Analytical Result	ts Reported Detection Limits
Benzene			<rdl< td=""><td>10</td></rdl<>	10
Ethyl benzene			<rdl< td=""><td>10</td></rdl<>	10
Toluene			<rdl< td=""><td>10</td></rdl<>	10
Xylenes			<rdl< td=""><td>10</td></rdl<>	10
ANALYSIS: Diesel R	ange Organic	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: mg/Kg
Analyte Name			Analytical Result	<u>s</u> <u>Reported Detection Limits</u>
Diesel Range Organics	(DRO)		<rdl< td=""><td>10</td></rdl<>	10
ANALYSIS: Metals -	Mercury - Re	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Result	s Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Result	s <u>Reported Detection Limits</u>
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

Client Sample ID: EW-H4

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AALSample ID #: AB38571 Accura Project #: 15821

Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/9/98 Resu	alt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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 <rdl< td=""><td>330</td></rdl<></rdl 	330
Dibenzo(a,h)anthracene			<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
Fluoranthene			<rdl <rdl< td=""><td></td></rdl<></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			Meth	nod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/9/98 Resu	lt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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			Meth	nod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/9/98 Resu	lt Units: ug/Kg
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
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
beta-BHC			<rdl< td=""><td>2</td></rdl<>	2
oeta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
			<rdl< td=""><td>2</td></rdl<>	2

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AALSample ID #: AB38571 Accura Project #: 15821

Analyte Name Analytical Results Reported Detection Limits **TCLP** Extraction NA 0 ANALYSIS: TCLP Leachate Fluid pH Method Ref: 1311 Date Ext/Dig/Prep: 3/6/98 Date Analyzed: 3/6/98 Result Units: pH Units Analyte Name Analytical Results Reported Detection Limits

5.0

<RDL

Analytical Results

<RDL

<RDL

<RDL

<RDL

- TCLP Leachate Fluid pH
- ANALYSIS: TCLP Mercury
 Method Ref: 7470A

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

 Analyte Name
 Analytical Results
 Reported Detection Limits

Date Analyzed: 3/9/98

Mercury (Reg Limit = 0.2)

ANALYSIS: TCLP Metals

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

<u>Analyte Name</u> 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)

Lead (Reg Limit = 5.0)		<rdl< th=""><th></th><th>1</th></rdl<>		1
Selenium (Reg Limit =	= 1.0)		<rdl< th=""><th></th><th>1</th></rdl<>		1
Silver (Reg Limit $= 5.0$))		<rdl< th=""><th></th><th>1</th></rdl<>		1
ANALYSIS: X Base	Neutral QC S	urrogates (Soils)		Method Ref:	3550B/8270C
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/9/98	Result Units:	%
Analyte Name			Analytical Res	ults <u>Re</u>	ported Detection Limits
2-Fluorobiphenyl			60		0

<RDL = Less than Reported Detection Limit

0

0.1

Reported Detection Limits

1

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1

1

Method Ref: 3010A/6010B

mg/L

Result Units:

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AALSample ID #: AB38571 Accura Project #: 15821

			56		0
p-Terphenyl-d14			76		0
ANALYSIS: X DRO	QC Surrogates	(Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>R</u> e	eported Detection Limits
o-Terphenyl			87		0
ANALYSIS: X Pest/P	CB QC Surrog	gates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/9/98	Result Units:	%
Analyte Name			Analytical Resul		montad Datastian I in it.
·			<u>Analytical Resul</u>	<u>is K</u>	eported Detection Limits
Decachlorobiphenyl			<u>Anarytical Resul</u> 89	<u>is K</u>	0
				<u>is ro</u>	
Decachlorobiphenyl			89	<u>18 r.c</u>	0
Decachlorobiphenyl	QC Surrogates	(Soils)	89	Method Ref:	0 0
Decachlorobiphenyl Tetrachloro-m-xylene	<u> OC Surrogates</u> 3/6/98	<u>(Soils)</u> Date Analyzed:	89		0 0 8260B
Decachlorobiphenyl Tetrachloro-m-xylene	-		89 46	Method Ref: Result Units:	0 0 8260B
Decachlorobiphenyl Tetrachloro-m-xylene <u>ANALYSIS: X VOC (</u> Date Ext/Dig/Prep:	-		89 46 3/6/98	Method Ref: Result Units:	0 0 8260B %
Decachlorobiphenyl Tetrachloro-m-xylene <u>ANALYSIS: X VOC (</u> Date Ext/Dig/Prep: <u>Analyte Name</u>	-		89 46 3/6/98 <u>Analytical Resul</u>	Method Ref: Result Units:	0 0 8260B % eported Detection Limits

Accura Analytical Laboratory, Inc.

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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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING A	REA Sample Matrix: SOIL
Client Sample ID: EW-I4-A	

ANALYSIS: BTEX b	y GC/MS		Ν	Method Ref: 8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98 F	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Benzene			<rdl< td=""><td>1000</td></rdl<>	1000
Ethyl benzene			<rdl< td=""><td>1000</td></rdl<>	1000
Toluene			<rdl< td=""><td>1000</td></rdl<>	1000
Xylenes			<rdl< td=""><td>1000</td></rdl<>	1000
ANALYSIS: Diesel R	ange Organic	s (DRO)	Ν	Aethod Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98 F	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Diesel Range Organics	(DRO)		1,504	500
ANALYSIS: Metals -	Mercury - RC	CRA	Ν	Aethod Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98 F	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Analyte Name			Analytical Kesulis	Reported Detection Emilia
Mercury			<pre><rdl< pre=""></rdl<></pre>	0.5
	RCRA		<rdl< td=""><td></td></rdl<>	
Mercury	RCRA 3/9/98	Date Analyzed:	<rdl< td=""><td>0.5</td></rdl<>	0.5
Mercury <u>ANALYSIS:</u> <u>Metals -</u>		Date Analyzed:	<rdl< td=""><td>0.5 Aethod Ref: SW846 6010A</td></rdl<>	0.5 Aethod Ref: SW846 6010A
Mercury <u>ANALYSIS:</u> <u>Metals -</u> Date Ext/Dig/Prep:		Date Analyzed:	<rdl N 3/6/98 F</rdl 	0.5 Aethod Ref: SW846 6010A Result Units: mg/Kg
Mercury <u>ANALYSIS:</u> <u>Metals -</u> Date Ext/Dig/Prep: <u>Analyte Name</u>		 Date Analyzed:	<rdl M 3/6/98 F <u>Analytical Results</u> <rdl 7.1</rdl </rdl 	0.5 Method Ref: SW846 6010A Result Units: mg/Kg <u>Reported Detection Limits</u>
Mercury <u>ANALYSIS: Metals -</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic Barium Cadmium		Date Analyzed:	<rdl M 3/6/98 F <u>Analytical Results</u> <rdl 7.1 <rdl< td=""><td>0.5 Aethod Ref: SW846 6010A Result Units: mg/Kg <u>Reported Detection Limits</u> 5 5 5 0.5</td></rdl<></rdl </rdl 	0.5 Aethod Ref: SW846 6010A Result Units: mg/Kg <u>Reported Detection Limits</u> 5 5 5 0.5
Mercury <u>ANALYSIS: Metals -</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic Barium Cadmium Chromium		Date Analyzed:	<rdl M 3/6/98 F Analytical Results <rdl 7.1 <rdl <rdl <rdl <rdl< td=""><td>0.5 Method Ref: SW846 6010A Result Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5</td></rdl<></rdl </rdl </rdl </rdl </rdl 	0.5 Method Ref: SW846 6010A Result Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5
Mercury <u>ANALYSIS: Metals -</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic Barium Cadmium Chromium Lead		Date Analyzed:	<rdl N 3/6/98 F Analytical Results <rdl 7.1 <rdl <rdl <rdl &RDL & 8.9</rdl </rdl </rdl </rdl </rdl 	0.5 Method Ref: SW846 6010A Result Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5 5 5 5 5
Mercury <u>ANALYSIS: Metals -</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic Barium Cadmium Chromium		 Date Analyzed:	<rdl M 3/6/98 F Analytical Results <rdl 7.1 <rdl <rdl <rdl <rdl< td=""><td>0.5 Method Ref: SW846 6010A Result Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5</td></rdl<></rdl </rdl </rdl </rdl </rdl 	0.5 Method Ref: SW846 6010A Result Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Client Sample ID: EW-I4-A

AALSample ID #: AB38572 Accura Project #: 15821

ANALYSIS: PAH's		<u></u>		Method Ref: SW846 8270
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/9/98	Result Units: ug/Kg
Analyte Name			Analytical Resu	Its 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 <rdl< td=""><td>3300</td></rdl<></rdl 	3300
1 yrono				3300
ANALYSIS: PCB's				Method Ref: 3550B/8082
Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/9/98	Result Units: ug/Kg
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
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	2/12/08		2/0/00	Method Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/9/98	Result Units: ug/Kg
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
4,4'-DDD			4.3	2
4,4'-DDE			3.2	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 LA	BORATORY, INC	C. <rdl:< td=""><td>= Less than Reported 1</td><td>Detection Limit Pg 6 of 54</td></rdl:<>	= Less than Reported 1	Detection Limit Pg 6 of 54
AUGURA ANALY HCAL LA	BUKATUKY, ING		= Less than Reported	Delection Limit Pg 6 of 54

AALSample ID #: AB38572 Accura Project #: 15821

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 Ext/Dig/Prep: 3/5/98 Date Analy	zed: 3/5/98 Result U	nits:

Analyte Name			Analytical Results	Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP Le	achate Fluid p	DHH	Metho	d Ref: 1311
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98 Result	Units: pH Units
Analyte Name			Analytical Results	Reported Detection Limits
TCLP Leachate Fluid pl	I		5.0	0
ANALYSIS: TCLP Me	ercury	<u>.</u>	Metho	d Ref: 7470A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98 Result	Units: mg/L
A materia Diana				
Analyte Name			Analytical Results	Reported Detection Limits
Mercury (Reg Limit = 0.	2)		Analytical Results	Reported Detection Limits 0.1
Mercury (Reg Limit = 0.	-		<rdl< td=""><td>0.1</td></rdl<>	0.1
Mercury (Reg Limit = 0. <u>ANALYSIS:</u> <u>TCLP Me</u>	tals		<rdl metho<="" td=""><td>0.1 d Ref: 3010A/6010B</td></rdl>	0.1 d Ref: 3010A/6010B
Mercury (Reg Limit = 0.	-	Date Analyzed:	<rdl< td=""><td>0.1 d Ref: 3010A/6010B</td></rdl<>	0.1 d Ref: 3010A/6010B
Mercury (Reg Limit = 0. <u>ANALYSIS:</u> <u>TCLP Me</u>	tals	Date Analyzed:	<rdl metho<="" td=""><td>0.1 d Ref: 3010A/6010B</td></rdl>	0.1 d Ref: 3010A/6010B
Mercury (Reg Limit = 0. <u>ANALYSIS:</u> <u>TCLP Me</u> Date Ext/Dig/Prep:	stals 3/9/98	Date Analyzed:	<rdl Metho 3/9/98 Result</rdl 	0.1 d Ref: 3010A/6010B Units: mg/L
Mercury (Reg Limit = 0. <u>ANALYSIS: TCLP Me</u> Date Ext/Dig/Prep: <u>Analyte Name</u>	stals 3/9/98	Date Analyzed:	<rdl Metho 3/9/98 Result <u>Analytical Results</u></rdl 	0.1 d Ref: 3010A/6010B Units: mg/L <u>Reported Detection Limits</u>
Mercury (Reg Limit = 0. <u>ANALYSIS: TCLP Me</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5.0	etals 3/9/98))).0)	Date Analyzed:	<rdl Metho 3/9/98 Result <u>Analytical Results</u> <rdl< td=""><td>0.1 d Ref: 3010A/6010B Units: mg/L <u>Reported Detection Limits</u> 1</td></rdl<></rdl 	0.1 d Ref: 3010A/6010B Units: mg/L <u>Reported Detection Limits</u> 1
Mercury (Reg Limit = 0. <u>ANALYSIS: TCLP Me</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5.0 Barium (Reg Limit = 100	etals 3/9/98))).0) 1.0)	Date Analyzed:	<rdl Metho 3/9/98 Result <u>Analytical Results</u> <rdl <rdl< td=""><td>0.1 d Ref: 3010A/6010B Units: mg/L <u>Reported Detection Limits</u> 1 1</td></rdl<></rdl </rdl 	0.1 d Ref: 3010A/6010B Units: mg/L <u>Reported Detection Limits</u> 1 1

ANALYSIS: X Base	Neutral QC Su	rrogates (Soils)		Method Ref:	3550B/8270C	
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/9/98	Result Units	: %	
Analyte Name			Analytical	Results R	eported Detection	n Limits
2-Fluorobiphenyl			65		0	
ACCURA ANALYTICAL	LABORATORY, IN	C. <rdl< td=""><td>= Less than Rep</td><td>ported Detection Limit</td><td>Pg</td><td>7 of 54</td></rdl<>	= Less than Rep	ported Detection Limit	Pg	7 of 54

<RDL

<RDL

Selenium (Reg Limit = 1.0)

Silver (Reg Limit = 5.0)

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AALSample ID #: AB38572 Accura Project #: 15821

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Nitrobenzene-d5 p-Terphenyl-d14			119 70		0 0
ANALYSIS: X DRO QC Surrogates (Soil)				Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resu	<u>lts Re</u>	ported Detection Limits
o-Terphenyl			See narrati	ve	0
ANALYSIS: X Pest/P	CB QC Surro	gates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/9/98	Result Units:	%
Analyte Name			Analytical Resu	<u>lts Re</u>	ported Detection Limits
Decachlorobiphenyl			103		0
Tetrachloro-m-xylene			76		0
ANALYSIS: X VOC	QC Surrogates	(Soils)		Method Ref:	8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units:	%
Analyte Name			Analytical Resul	its <u>Re</u>	ported Detection 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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOIL
Client Sample ID: EW-I4-B	

ANALYSIS: BTEX by GC/MS			Method Ref: 8260B			
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units:	ug/Kg	
Analyte Name			Analytical Resu	<u>lts Re</u>	ported Detection	Limits
Benzene			<rdl< td=""><td></td><td>5</td><td></td></rdl<>		5	
Ethyl benzene			<rdl< td=""><td></td><td>10</td><td></td></rdl<>		10	
Toluene			<rdl< td=""><td></td><td>10</td><td></td></rdl<>		10	
Xylenes			<rdl< td=""><td></td><td>10</td><td></td></rdl<>		10	
ANALYSIS: Diesel R	ange Organics	(DRO)		Method Ref:	3550B/8015B	
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	mg/Kg	
Analyte Name			Analytical Resu	<u>lts Re</u>	ported Detection	Limits
Diesel Range Organics	(DRO)		<rdl< td=""><td></td><td>10</td><td></td></rdl<>		10	
ANALYSIS: Metals -	Mercury - RC	RA		Method Ref:	7471A	
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units:	mg/Kg	
Analyte Name			Analytical Resu	<u>lts Re</u>	ported Detection	<u>Limits</u>
Mercury			<rdl< td=""><td></td><td>0.5</td><td></td></rdl<>		0.5	
ANALYSIS: Metals -	RCRA			Method Ref:	SW846 6010A	
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98	Result Units:	mg/Kg	
Analyte Name			Analytical Resu	<u>lts Re</u>	ported Detection	Limits
Arsenic			<rdl< td=""><td></td><td>5</td><td></td></rdl<>		5	
Barium			9.2		5	
Cadmium			<rdl< td=""><td></td><td>0.5</td><td></td></rdl<>		0.5	
Chromium			9.4		5	
Lead			5.1		5	
Selenium			<rdl< td=""><td></td><td>5</td><td></td></rdl<>		5	
Silver			<rdl< td=""><td></td><td>5</td><td></td></rdl<>		5	

ACCURA ANALYTICAL LABORATORY, INC.

Client Sample ID: EW-I4-B

Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/9/98	Result Units: ug/Kg
Analyte Name			Analytical Results	
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 <rdl< td=""><td>330</td></rdl<></rdl 	330
Naphthalene			<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
Phenanthrene			<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
Pyrene			<rdl< td=""><td>330</td></rdl<>	330
ANALYSIS: PCB's		Method Ref: 3550B/8082		
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/9/98	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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: 3550B/8081A
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:		Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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

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Client Sample ID: EW-I4-B

ACCURA ANALYTICAL LABORATORY, INC.

beta-BHC

delta-BHC

beta-Endosulfan

<RDL = Less than Reported Detection Limit AALSample ID #: AB38573 Accura Project #: 15821

<RDL

<RDL

<RDL

2

2

2

Dieldrin Endosulfan sulfate		2
Lindosultan sultate	<rdl <rdl< td=""><td>2 2</td></rdl<></rdl 	2 2
Endrin	<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
Endrin aldehyde	<rdl< td=""><td></td></rdl<>	
gamma-BHC	<rdl< td=""><td>2</td></rdl<>	2
÷		2
Heptachlor	<rdl< td=""><td>2</td></rdl<>	2
Heptachlor epoxide	<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor	<rdl< td=""><td>20</td></rdl<>	20
Total Chlordane (Technical)	<rdl< td=""><td>20</td></rdl<>	20
Toxaphene	<rdl< td=""><td>20</td></rdl<>	20
ANALYSIS: TCLP Extraction Procedure	Me	ethod Ref: 1311
Date Ext/Dig/Prep: 3/5/98 Date Analyzed:	3/5/98 Rea	sult Units:
Analyte Name	Analytical Results	Reported Detection Limits
TCLP Extraction	NA	0
ANALYSIS: TCLP Leachate Fluid pH	Me	thod Ref: 1311
Date Ext/Dig/Prep: 3/6/98 Date Analyzed:		sult Units: pH Units
Analyte Name	Analytical Results	Reported Detection Limits
TCLP Leachate Fluid pH	5.0	0
ANALYSIS: TCLP Mercury	Ме	thod Ref: 7470A
Date Ext/Dig/Prep: 3/6/98 Date Analyzed:	3/6/98 Res	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	Ме	thod Ref: 3010A/6010B
Date Ext/Dig/Prep: 3/9/98 Date Analyzed:		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 = 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 Base Neutral QC Surrogates (Soils)	Ma	thod Ref: 3550B/8270C
Date Ext/Dig/Prep: 3/11/98 Date Analyzed:		sult Units: %
Duto i maryzou,		Reported Detection Limits
Analyte Name		
<u>Analyte Name</u> 2-Fluorobiphenyl	<u>Analytical Results</u> 52	0

Client Sample ID: EW-I4-B

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AALSample ID #: AB38573 Accura Project #: 15821

Nitrobenzene-d5			50	(0
p-Terphenyl-d14			64	(0
ANALYSIS: X DRO	QC Surrogates	s (Soil)		Method Ref: 3550B/80)15B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: %	
Analyte Name			Analytical Resul	s Reported Det	tection Limits
o-Terphenyl			89	(0
ANALYSIS: X Pest/PCB QC Surrogates				Method Ref: 3580A/80)81
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/9/98	Result Units: %	
•					
Analyte Name			Analytical Resul	<u>s</u> <u>Reported Det</u>	ection Limits
<u>Analyte Name</u> Decachlorobiphenyl			Analytical Resul		ection Limits
)
Decachlorobiphenyl Tetrachloro-m-xylene			121	()
Decachlorobiphenyl	QC Surrogates	: (Soils)	121	()
Decachlorobiphenyl Tetrachloro-m-xylene	QC Surrogates 3/6/98	: <u>(Soils)</u> Date Analyzed:	121	()
Decachlorobiphenyl Tetrachloro-m-xylene ANALYSIS: X VOC			121 69	(Method Ref: 8260B Result Units: %)
Decachlorobiphenyl Tetrachloro-m-xylene <u>ANALYSIS: X VOC (</u> Date Ext/Dig/Prep:			121 69 3/6/98	(Method Ref: 8260B Result Units: %)) ection Limits
Decachlorobiphenyl Tetrachloro-m-xylene <u>ANALYSIS: X VOC (</u> Date Ext/Dig/Prep: <u>Analyte Name</u>			121 69 3/6/98 <u>Analytical Resul</u>	(Method Ref: 8260B Result Units: % <u>s Reported Det</u>)) ection Limits

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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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOIL
Client Sample ID: EB-L8	

<u>ANALYSIS:</u> <u>BTEX b</u>	y GC/MS		Ν	Aethod Ref: 8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98 R	lesult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Benzene			<rdl< td=""><td>2500</td></rdl<>	2500
Ethyl benzene			11,000	2500
Toluene			<rdl< td=""><td>2500</td></rdl<>	2500
Xylenes			51,000	2500
ANALYSIS: Diesel Range Organics (DRO)			Ν	fethod Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/10/98 R	esult Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Diesel Range Organics	(DRO)		4,000	1000
ANALYSIS: Metals -	Mercury - RO	CRA	N	1ethod Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98 R	esult Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
<u>Analyte Name</u> Mercury			Analytical Results <rdl< td=""><td>Reported Detection Limits 0.5</td></rdl<>	Reported Detection Limits 0.5
	RCRA		<rdl< td=""><td></td></rdl<>	
Mercury	<u>RCRA</u> 3/9/98	Date Analyzed:	<rd>k</rd>	0.5
Mercury <u>ANALYSIS:</u> Metals -		Date Analyzed:	<rd>k</rd>	0.5 Aethod Ref: SW846 6010A
Mercury <u>ANALYSIS:</u> <u>Metals -</u> Date Ext/Dig/Prep:		Date Analyzed:	<rdl M 3/6/98 R</rdl 	0.5 fethod Ref: SW846 6010A esult Units: mg/Kg
Mercury <u>ANALYSIS: Metals -</u> Date Ext/Dig/Prep: <u>Analyte Name</u>		Date Analyzed:	<rdl M 3/6/98 R <u>Analytical Results</u></rdl 	0.5 fethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u>
Mercury <u>ANALYSIS: Metals -</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic Barium Cadmium		Date Analyzed:	<rdl M 3/6/98 R <u>Analytical Results</u> <rdl 10 <rdl< td=""><td>0.5 Aethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5</td></rdl<></rdl </rdl 	0.5 Aethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5
Mercury <u>ANALYSIS: Metals -</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic Barium Cadmium Chromium		Date Analyzed:	<rdl M 3/6/98 R <u>Analytical Results</u> <rdl 10 <rdl <rdl <rdl< td=""><td>0.5 fethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5</td></rdl<></rdl </rdl </rdl </rdl 	0.5 fethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5
Mercury <u>ANALYSIS: Metals -</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic Barium Cadmium Chromium Lead		 Date Analyzed:	<rdl M 3/6/98 R <u>Analytical Results</u> <rdl 10 <rdl <rdl <rdl <rdl <rdl< td=""><td>0.5 Aethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5 5 5 5 5</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl 	0.5 Aethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5 5 5 5 5
Mercury <u>ANALYSIS: Metals -</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic Barium Cadmium Chromium		Date Analyzed:	<rdl M 3/6/98 R <u>Analytical Results</u> <rdl 10 <rdl <rdl <rdl< td=""><td>0.5 fethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5</td></rdl<></rdl </rdl </rdl </rdl 	0.5 fethod Ref: SW846 6010A esult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5

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Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/9/98	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
I-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></td></rdl<>	
Fluorene				3300
			<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
ANALYSIS: PCB's]	Method Ref: 3550B/8082
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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			ĩ	Method Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:		Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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 <rdl< td=""><td>2</td></rdl<></rdl 	2
beta-BHC			<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
beta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
delta-BHC			<rdl< td=""><td>2</td></rdl<>	2

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AALSample ID #: AB38574 Accura Project #: 15821

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 I	Extraction Pro	cedure		Method Ref: 1311
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:
Analyte Name			Analytical Res	ults Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP J	Leachate Fluid	pH		Method Ref: 1311
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: pH Units
Analyte Name			Analytical Res	ults Reported Detection Limits
TCLP Leachate Fluid	рН		5.0	0
ANALYSIS: TCLP	Mercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/L
Analyte Name			Analytical Res	ults 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 Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/9/98	Result Units: mg/L
Analyte Name			Analytical Res	ults Reported Detection Limits
Arsenic (Reg Limit = :	5.0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit = 1	100.0)		<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Limit -	= 1.0)		<rdl< td=""><td>· <u>1</u></td></rdl<>	· <u>1</u>
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>I</td></rdl<>	I
ANALYSIS: X Base	Neutral QC S	urrogates (Soils)		Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/9/98	Result Units: %
Analyte Name			Analytical Resu	ults <u>Reported Detection Limits</u>
2-Fluorobiphenyl			85	0
ACCURA ANALYTICAL	LABORATORY, I	NC. <rdl< td=""><td>= Less than Reported</td><td>Detection Limit Pg 15 of 54</td></rdl<>	= Less than Reported	Detection Limit Pg 15 of 54

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AALSample ID #: AB38574 Accura Project #: 15821

Nitrobenzene-d5 p-Terphenyl-d14			170 86		0 0
ANALYSIS: X DRO	QC Surrogate	s (Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	lts <u>Re</u>	eported Detection Limits
o-Terphenyl			See narrati	ve	0
ANALYSIS: X Pest/P	CB QC Surro	gates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	eported Detection Limits
Decachlorobiphenyl Tetrachloro-m-xylene			74 94		0 0
ANALYSIS: X VOC	OC Surrogate:	s (Soils)		Method Ref:	8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
1,2-Dichloroethane-d4 4-Bromofluorobenzene Toluene-d8			84 106 103		0 0 0

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AALSample ID #: AB38574 Accura Project #: 15821

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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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING ARE.	A Sample Matrix: SOIL
Client Sample ID: EW-L8-B	

ANALYSIS: BTEX b	y GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/10/98	Result Units: ug/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Benzene			2,900	1300
Ethyl benzene			23,000	1300
Toluene			<rdl< td=""><td>1300</td></rdl<>	1300
Xylenes			100,000	1300
ANALYSIS: Diesel R	ange Organic	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/10/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Diesel Range Organics	(DRO)		13,000	1000
ANALYSIS: Metals -	Moroury - P(ግው ል		Method Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA	,		Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
Arsenic			<rdl< td=""><td>5</td></rdl<>	5
Barium			12	5
Cadmium			<rdl< td=""><td>0.5</td></rdl<>	0.5
Chromium			<rdl< td=""><td>5</td></rdl<>	5
Lead			11	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

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Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/9/98	Result Units: ug/Kg
	5115190			
Analyte Name			Analytical Results	Reported Detection Limi
1-Methylnaphthalene			40,000	16000
2-Methylnaphthalene			50,000	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			<rdl< td=""><td>16000</td></rdl<>	16000
Phenanthrene			<rdl< td=""><td>16000</td></rdl<>	16000
Pyrene			<rdl< td=""><td>16000</td></rdl<>	16000
•				
ANALYSIS: PCB's			١	Aethod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98 F	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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			81	20
PCB-1260			<rdl< td=""><td>20</td></rdl<>	20
ANALYSIS: Pesticides				Aethod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98 F	lesult Units: ug/Kg
Analyte Name		-	Analytical Results	Reported Detection Limit
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>10</td></rdl<>	10
Aldrin			<rdl< td=""><td>2</td></rdl<>	2
alpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
alpha-Endosulfan			<rdl <rdl< td=""><td>2</td></rdl<></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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AALSample ID #: AB38575 Accura Project #: 15821

Dieldrin			<rdl< td=""><td>2</td></rdl<>	2
Endosulfan sulfate			<rdl< td=""><td>2</td></rdl<>	2
Endrin			<rdl< td=""><td>4</td></rdl<>	4
Endrin aldehyde			<rdl< td=""><td>2</td></rdl<>	2
gamma-BHC			<rdl< td=""><td>2</td></rdl<>	2
Heptachlor			<rdl< td=""><td>4</td></rdl<>	4
Heptachlor epoxide			<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor			<rdl< td=""><td>10</td></rdl<>	10
Total Chlordane (Techi	iical)		<rdl< td=""><td>40</td></rdl<>	40
Toxaphene			<rdl< td=""><td>40</td></rdl<>	40
ANALYSIS: TCLP E	xtraction Pro	ocedure		Method Ref: 1311
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:
Analyte Name			Analytical Resu	Its Reported Detection Limits
TCLP Extraction			NA	0
ICLF EXHIBITION			ΝA	U
ANALYSIS: TCLP L	eachate Fluid	l pH		Method Ref: 1311
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: pH Units
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
TCLP Leachate Fluid p	н		5.0	0
-				
ANALYSIS: TCLP M	ercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/L
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
Mercury (Reg Limit = 0	0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLP M	etals			Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/9/98	Result Units: mg/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Arsenic (Reg Limit = 5.	0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit = 10	,		<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1
Cadmium (Reg Limit = 10			<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1
Chromium (Reg Limit =	,		<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5.0)	- 5.0)		<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1
Selenium (Reg Limit =	1.0)		<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1
Solver (Reg Limit = 5.0)			<rdl< td=""><td>1</td></rdl<>	1
ANALYSIS: X Base M	<u> Veutral QC S</u>	urrogates (Soils)		Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/13/98	Date Analyzed:	3/9/98	Result Units: %
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
2-Fluorobiphenyl			See narrati	ve 0
ACCURA ANALYTICAL LA	ABORATORY. I	NC, <rdl:< td=""><td>= Less than Reported I</td><td>Detection Limit Pg 19 of 54</td></rdl:<>	= Less than Reported I	Detection Limit Pg 19 of 54

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AALSample ID #: AB38575 Accura Project #: 15821

Nitrobenzene-d5			See narrati	ve	0
p-Terphenyl-d14			See narrati	ve	0
ANALYSIS: X DRO	QC Surrogates	(Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/10/98	Result Units:	%
A naluta Nama			Analytical Denui	te D	we want at Department of the state
Analyte Name			Analytical Resul	<u>ts Ke</u>	ported Detection Limits
o-Terphenyl			See narrativ	ve	0
ANALYSIS: X Pest/P	<u>CB QC Surrog</u>	gates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98	Result Units:	%
Analyte Name			Analytical Resul	te Do	ported Detection Limits
Analyte Ivanie			Analytical Kesul	<u>15 Re</u>	ported Detection Linnis
Decachlorobiphenyl			16		0
Tetrachloro-m-xylene			56		0
			50		U
			50		v
<u>ANALYSIS: X VOC (</u>	<u>)C Surrogates</u>	(Soils)	50	Method Ref:	-
ANALYSIS: X VOC (Date Ext/Dig/Prep:	OC Surrogates 3/10/98	(Soils) Date Analyzed:	3/10/98	Method Ref: Result Units:	-
Date Ext/Dig/Prep:			3/10/98	Result Units:	8260B %
Date Ext/Dig/Prep: <u>Analyte Name</u>			3/10/98 Analytical Result	Result Units:	8260B % ported Detection Limits
Date Ext/Dig/Prep: <u>Analyte Name</u> 1,2-Dichloroethane-d4			3/10/98 <u>Analytical Resul</u> 106	Result Units:	8260B % ported Detection Limits 0
Date Ext/Dig/Prep: <u>Analyte Name</u>			3/10/98 Analytical Result	Result Units:	8260B % ported Detection Limits

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FL Certification # E87429 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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOIL
Client Sample ID: EW-L8-A	

ANALYSIS: BTEX I	oy_GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: ug/Kg
Analyte Name			Analytical Result	Reported Detection Limits
Benzene			<rdl< td=""><td>5</td></rdl<>	5
Ethyl benzene			<rdl< td=""><td>5</td></rdl<>	5
Toluene			<rdl< td=""><td>5</td></rdl<>	5
Xylenes			<rdl< td=""><td>5</td></rdl<>	5
ANALYSIS: Diesel R	ange Organic	<u>s (DRO)</u>		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/10/98	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Diesel Range Organics	(DRO)		1,400	500
ANALYSIS: Metals -	Mercury - RO	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	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

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Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/9/98	Result Units: ug/Kg
Date Did Dig Hop.	5110770		517170	Result Offits. ug/Kg
Analyte Name			Analytical Result	s <u>Reported Detection Limit</u>
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
				550
ANALYSIS: PCB's			j	Method Ref: 3550B/8082
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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			ŗ	Method Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:		Result Units: ug/Kg
•••		Enter murg 200.		
Analyte Name			Analytical Results	
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
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
llpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
oeta-BHC			<rdl< td=""><td>2</td></rdl<>	2
oeta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
ielta-BHC			<rdl< td=""><td>2</td></rdl<>	2

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AALSample ID #: AB38576 Accura Project #: 15821

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 F	Extraction Pro	cedure		Method Ref: 1311
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:
Analyte Name			Analytical Res	Its Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP I	eachate Fluid	pH		Method Ref: 1311
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: pH Units
Analyte Name			Analytical Resu	alts Reported Detection Limits
TCLP Leachate Fluid J	эΗ		5.0	. 0
ANALYSIS: TCLP N	Iercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/L
Analyte Name			Analytical Resu	Its Reported Detection Limits
Mercury (Reg Limit =	0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLP N	Ietals			Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	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 = 1			<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 =			<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit $= 5.0$))		<rdl< td=""><td>1</td></rdl<>	1
ANALYSIS: X Base	Neutral QC S	urrogates (Soils)		Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/9/98	Result Units: %
Analyte Name			Analytical Resu	Its Reported Detection Limits
2-Fluorobiphenyl			60	0
ACCURA ANALYTICAL I	ABORATORY, I	NC. <rdl< td=""><td>= Less than Reported</td><td>Detection Limit Pg 23 of 54</td></rdl<>	= Less than Reported	Detection Limit Pg 23 of 54

Client Sample ID: EW-L8-A

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AALSample ID #: AB38576 Accura Project #: 15821

Nitrobenzene-d5			53		0
p-Terphenyl-d14			60		0
<u>ANALYSIS:</u> X DRO	QC Surrogates	(Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u>	eported Detection Limits
o-Terphenyl			See narrativ	ve	0
ANALYSIS: X Pest/Po	CB QC Surrog	ates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
Decachlorobiphenyl			70		0
Tetrachloro-m-xylene			86		0
ANALYSIS: X VOC (C Surrogates	(Soils)		Method Ref:	8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
1,2-Dichloroethane-d4			82		0
4-Bromofluorobenzene			153		0
Toluene-d8			108		0

Accura Analytical Laboratory, Inc.

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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 #: 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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOIL
Client Sample ID: EB-L7	

ANALYSIS: BTEX	by GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Benzene			5,000	1300
Ethyl benzene			37,000	1300
Toluene			<rdl< td=""><td>1300</td></rdl<>	1300
Xylenes			29,000	1300
ANALYSIS: Diesel F	Range Organic	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/10/98	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Diesel Range Organics	s (DRO)		8,900	1000
ANALYSIS: Metals	- Mercury - R	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals	- RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Arsenic			<rdl< td=""><td>5</td></rdl<>	5
Barium			13	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

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<RDL = Less than Reported Detection Limit

<RDL

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Client Sample ID: EB-L7

Silver

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AALSample ID #: AB38577 Accura Project #: 15821

Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/9/98 Resi	ult Units: ug/Kg
		• •		
Analyte Name			Analytical Results	Reported Detection Limi
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			<rd>k<rd>RDL</rd></rd>	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
			<rdl <rdl< td=""><td>3300</td></rdl<></rdl 	3300
Pyrene			\KDL	5500
ANALYSIS: PCB's			Metl	hod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98 Resu	ılt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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				nod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98 Resu	ılt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
1,4'-DDD			<rdl< td=""><td>2</td></rdl<>	2
1,4'-DDE			<rdl< td=""><td>2</td></rdl<>	2
4,4'-DDT			<rdl< td=""><td>8</td></rdl<>	8
Aldrin			<rdl< td=""><td>2</td></rdl<>	2
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
beta-BHC			<rdl< td=""><td>2</td></rdl<>	2
oeta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
			· · · · · · · · · · · · · · · · · · ·	

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AALSample ID #: AB38577 Accura Project #: 15821

2-Fluorobiphenyl			77	0
Analyte Name			Analytical Res	
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/9/98	Result Units: %
ANALYSIS: X Base	<u>Neutral QC S</u>	urrogates (Soils)		Method Ref: 3550B/8270C
Silver (Reg Limit = 5.0)		<rdl< th=""><th>1</th></rdl<>	1
Selenium (Reg Limit =			<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5.0)	•		<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1
Cadmium (Reg Limit = Chromium (Reg Limit :	-		<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1
Barium (Reg Limit = 1)			<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1
Arsenic (Reg Limit = 5			<rdl< td=""><td>1</td></rdl<>	1
Analyte Name			Analytical Res	ults <u>Reported Detection Limi</u>
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/9/98	Result Units: mg/L
ANALYSIS: TCLP N	letals			Method Ref: 3010A/6010B
Mercury (Reg Limit =	0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
Analyte Name			Analytical Res	ults <u>Reported Detection Limi</u>
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/L
ANALYSIS: <u>TCLP N</u>	Tercurv			Method Ref: 7470A
TCLP Leachate Fluid p	н		5.0	0
Analyte Name		, _	Analytical Res	-
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: pH Units
ANALYSIS: TCLP L	aachata Fluid	nH		Method Ref: 1311
TCLP Extraction			NA	0
Analyte Name			Analytical Res	ults Reported Detection Limi
ANALYSIS: <u>TCLP E</u> Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Method Ref: 1311 Result Units:
ANAX YOYO, TOOLD F		X		M.d. J.D. 6 1011
Toxaphene	····)		<rdl< td=""><td>20</td></rdl<>	20
Total Chlordane (Tech	nical)		<rdl< td=""><td>20</td></rdl<>	20
Methoxychlor			<rdl< td=""><td>10</td></rdl<>	10
Heptachlor Heptachlor epoxide			<rdl <rdl< td=""><td>2 2</td></rdl<></rdl 	2 2
gamma-BHC		•	<rdl< td=""><td>2</td></rdl<>	2
Endrin aldehyde			<rdl< td=""><td>2</td></rdl<>	2
Endrin			<rdl< td=""><td>2</td></rdl<>	2
Endosulfan sulfate			<rdl< td=""><td>2</td></rdl<>	2

Client Sample ID: EB-L7

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AALSample ID #: AB38577 Accura Project #: 15821

Nitrobenzene-d5			194	0
p-Terphenyl-d14			79	0
ANALYSIS: X DRO	QC Surrogate	s (Soil)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/12/98	Date Analyzed:	3/10/98	Result Units: %
Analyte Name			Analytical Resu	Its Reported Detection Limits
o-Terphenyl			See narrati	ve 0
<u>ANALYSIS: X Pest/F</u>	CB QC Surro	gates		Method Ref: 3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98	Result Units: %
Analyte Name			Analytical Resu	Its Reported Detection Limits
Decachlorobiphenyl			26	0
Tetrachloro-m-xylene			104	0
ANALYSIS: X VOC	QC Surrogates	s (Soils)		Method Ref: 8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
1,2-Dichloroethane-d4			89	0
4-Bromofluorobenzene				
			132	0

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Samp	ole ID #: AB38578	Accura Project #: 15821
Client: Omega Env. S	ervices - Tucker	Date Sampled: 3/3/98
Client Contact: T. SH	EPPARD	Date Received: 3/4/98
Client Project Number:	DACA21-97-C-0042	Date Reported: 9/16/98
Client Project Name:	HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOIL
Client Sample ID:	EW-L7	

ANALYSIS: BTEX by	GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/10/98	Result Units: ug/Kg
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
Benzene			5.9	5
Ethyl benzene			<rdl< td=""><td>5</td></rdl<>	5
Toluene			<rdl< td=""><td>5</td></rdl<>	5
Xylenes			<rdl< td=""><td>5</td></rdl<>	5
ANALYSIS: Diesel Range Organics (DRO)				Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/10/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Diesel Range Organics	(DRO)		<rdl< td=""><td>10</td></rdl<>	10
ANALYSIS: Metals - Mercury - RCRA				Method Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
Arsenic			<rdl< td=""><td>5</td></rdl<>	5
Barium			9.4	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

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<RDL = Less than Reported Detection Limit

Client Sample ID: EW-L7

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AALSample ID #: AB38578 Accura Project #: 15821

Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/9/98 Re	esult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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
luoranthene			<rdl< td=""><td>330</td></rdl<>	330
luorene			<rdl< td=""><td>330</td></rdl<>	330
ndeno(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
yrene			<rdl< td=""><td>330</td></rdl<>	330
ANALYSIS: PCB's			M	ethod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98 Re	sult 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
CB-1242			<rdl< td=""><td>20</td></rdl<>	20
CB-1248			<rdl< td=""><td>20</td></rdl<>	20
CB-1254			<rdl< td=""><td>20</td></rdl<>	20
CB-1260			<rdl< td=""><td>20</td></rdl<>	20
NALYSIS: Pesticides			Me	ethod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98 Re	sult Units: ug/Kg
nalyte Name			Analytical Results	Reported Detection Limits
,4'-DDD			<rdl< td=""><td>2</td></rdl<>	2
,4'-DDE			<rdl< td=""><td>2</td></rdl<>	2
,4'-DDT			<rdl< td=""><td>2</td></rdl<>	2
Idrin			<rdl< td=""><td>2</td></rdl<>	2
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
eta-BHC			<rdl< td=""><td>2</td></rdl<>	2
eta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
elta-BHC			<rdl< td=""><td>2</td></rdl<>	2
				2

Client Sample ID: EW-L7

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AALSample ID #: AB38578 Accura Project #: 15821

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 E	xtraction Pro	cedure		Method Ref: 1311
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:
Analyte Name			Analytical Resu	Its Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP L	eachate Fluid	pH		Method Ref: 1311
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: pH Units
Analyte Name			Analytical Resu	Its Reported Detection Limits
TCLP Leachate Fluid p	H		5.0	0
ANALYSIS: TCLP M	lercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/L
Analyte Name			Analytical Resu	Its Reported Detection Limits
Mercury (Reg Limit = ().2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
	r			
<u>ANALYSIS:</u> <u>TCLP M</u>	letals			Method Ref: 3010A/6010B
ANALYSIS: TCLP M Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/9/98	Method Ref: 3010A/6010B Result Units: mg/L
		Date Analyzed:	3/9/98 Analytical Resu	Result Units: mg/L
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:		Result Units: mg/L
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 10	3/9/98 .0) 00.0)	Date Analyzed:	Analytical Resu	Result Units: mg/L
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 10 Cadmium (Reg Limit =	3/9/98 .0) 00.0) 1.0)	Date Analyzed:	Analytical Resu	Result Units: mg/L <u>Its Reported Detection Limits</u> 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 10 Cadmium (Reg Limit = Chromium (Reg Limit =	3/9/98 .0) 00.0) 1.0) = 5.0)	Date Analyzed:	Analytical Resu <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: mg/L <u>Its Reported Detection Limits</u> 1 1</td></rdl<></rdl </rdl </rdl </rdl 	Result Units: mg/L <u>Its Reported Detection Limits</u> 1 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5. Barium (Reg Limit = 10 Cadmium (Reg Limit = Chromium (Reg Limit = Lead (Reg Limit = 5.0)	3/9/98 .0) 00.0) 1.0) = 5.0)	Date Analyzed:	Analytical Resu <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: mg/L <u>Its Reported Detection Limits</u> 1 1 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl 	Result Units: mg/L <u>Its Reported Detection Limits</u> 1 1 1 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 10 Cadmium (Reg Limit = Chromium (Reg Limit = Lead (Reg Limit = 5.0) Selenium (Reg Limit =	3/9/98 00.0) 1.0) = 5.0) 1.0)	Date Analyzed:	Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: mg/L <u>Its Reported Detection Limits</u> 1 1 1 1 1 1 1 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl 	Result Units: mg/L <u>Its Reported Detection Limits</u> 1 1 1 1 1 1 1 1 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5) Barium (Reg Limit = 10) Cadmium (Reg Limit = Chromium (Reg Limit = Lead (Reg Limit = 5.0)	3/9/98 00.0) 1.0) = 5.0) 1.0)	Date Analyzed:	Analytical Resu <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: mg/L <u>Its Reported Detection Limits</u> 1 1 1 1 1 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl 	Result Units: mg/L <u>Its Reported Detection Limits</u> 1 1 1 1 1 1 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 10 Cadmium (Reg Limit = Chromium (Reg Limit = Lead (Reg Limit = 5.0) Selenium (Reg Limit =	3/9/98 00.0) 1.0) = 5.0) 1.0)		Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: mg/L <u>Its Reported Detection Limits</u> 1 1 1 1 1 1 1 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl 	Result Units: mg/L <u>Its Reported Detection Limits</u> 1 1 1 1 1 1 1 1 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 10 Cadmium (Reg Limit = Chromium (Reg Limit = Lead (Reg Limit = 5.0) Selenium (Reg Limit = Silver (Reg Limit = 5.0)	3/9/98 00.0) 1.0) = 5.0) 1.0)		Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: mg/L <u>Its Reported Detection Limits</u> 1 1 1 1 1 1 1 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl 	Result Units: mg/L <u>Its Reported Detection Limits</u> 1 1 1 1 1 1 1 1 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5. Barium (Reg Limit = 10 Cadmium (Reg Limit = Chromium (Reg Limit = Lead (Reg Limit = 5.0) Selenium (Reg Limit = Silver (Reg Limit = 5.0) <u>ANALYSIS: X Base I</u>	3/9/98 00.0) 1.0) = 5.0) 1.0)) Neutral QC St	urrogates (Soils)	Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: mg/L <u>Its</u> <u>Reported Detection Limits</u> 1 1 1 1 1 1 1 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl 	Result Units: mg/L <u>Its</u> <u>Reported Detection Limits</u> 1 1 1 1 1 1 1 1 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 10 Cadmium (Reg Limit = Chromium (Reg Limit = Lead (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0) <u>ANALYSIS: X Base I</u> Date Ext/Dig/Prep:	3/9/98 00.0) 1.0) = 5.0) 1.0)) Neutral QC St	urrogates (Soils)	Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: mg/L <u>Its</u> <u>Reported Detection Limits</u> 1 1 1 1 1 1 1 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl 	Result Units: mg/L <u>Its</u> <u>Reported Detection Limits</u> 1 1 1 1 1 1 1 1 1

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AALSample ID #: AB38578 Accura Project #: 15821

Nitrobenzene-d5 p-Terphenyl-d14			55 69		0 0
ANALYSIS: X DRO	QC Surrogates	s (Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resu	<u>lts Re</u>	ported Detection Limits
o-Terphenyl			79		0
ANALYSIS: X Pest/P	CB QC Surrog	gates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98	Result Units:	%
Analyte Name			Analytical Resul	<u>lts Re</u>	ported Detection Limits
Decachlorobiphenyl		,	78		0
Tetrachloro-m-xylene			71		0
ANALVER, V MOC					
ANALISIS: A VUC	QC Surrogates	(Soils)		Method Ref:	8260B
Date Ext/Dig/Prep:	QC Surrogates 3/10/98	(Soils) Date Analyzed:	3/10/98	Method Ref: Result Units:	8260B %
		· · · · · ·	3/10/98 Analytical Resul	Result Units:	
Date Ext/Dig/Prep:		· · · · · ·		Result Units:	%
Date Ext/Dig/Prep: Analyte Name		· · · · · ·	Analytical Resul	Result Units:	% ported Detection Limits

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 Sam	ple ID #: Al	B38579	Accu	ıra Project #: 15821
Client: Omega Env.	Services - Tucl	(er		Date Sampled: 3/3/98
Client Contact: T. SH	IEPPARD			Date Received: 3/4/98
Client Project Number: DACA21-97-C-0042				Date Reported: 9/16/98
Client Project Name:	HUNTER AA	AF FIRE TRAININ	G AREA	Sample Matrix: SOIL
Client Sample ID:	EB-L6			
ANALYSIS: BTEX b	y GC/MS			Method Ref: 8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: ug/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Benzene			2,500	1300
Ethyl benzene			23,000	1300
Toluene			<rdl< td=""><td>1300</td></rdl<>	1300
Xylenes			2,300	1300
ANALYSIS: Diesel Range Organics (DRO)				Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	s Reported Detection Limits
Diesel Range Organics	(DRO)		2,800	500

ANALYSIS: Metals - M	lercury - RCl	RA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5

ANALYSIS: Metals - I	RCRA		Method Ref: SW846 6010A		
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98 Res	ult 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	

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<RDL = Less than Reported Detection Limit

Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/9/98 Resu	ılt Units: ug/Kg
				0.0
Analyte Name			Analytical Results	Reported Detection Limit
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
			<rdl <rdl< td=""><td></td></rdl<></rdl 	
ndeno(1,2,3-cd)pyrene				330
Naphthalene			7,300	1600
Phenanthrene			550	330
Pyrene			<rdl< td=""><td>330</td></rdl<>	330
ANALYSIS: PCB's			Method Ref: 3550B/8082	
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98 Resu	lt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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			Meth	od Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:		lt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
I,4'-DDD			<rdl< td=""><td>2</td></rdl<>	2
,4'-DDE			<rdl< td=""><td>2</td></rdl<>	2
,4'-DDT			<rdl< td=""><td>4</td></rdl<>	4
Aldrin			<rdl< td=""><td>2</td></rdl<>	2
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
eta-BHC			<rdl <rdl< td=""><td></td></rdl<></rdl 	
				2
eta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
lelta-BHC			<rdl< td=""><td>2</td></rdl<>	2

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AALSample ID #: AB38579 Accura Project #: 15821

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 (Tech	nical)		<rdl< td=""><td>20</td></rdl<>	20	
Toxaphene			<rdl< td=""><td>20</td></rdl<>	20	
ANALYSIS: TCLP Extraction Procedure			Method Ref: 1311		
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:	
Analyte Name			Analytical Results	Reported Detection Limits	
TCLP Extraction			NA	0	
ANALYSIS: TCLP Leachate Fluid pH				Method Ref: 1311	
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: pH Units	
Analyte Name			Analytical Results	Reported Detection Limits	
TCLP Leachate Fluid I	рН		5.0	0	
ANALYSIS: TCLP Mercury			Method Ref: 7470A		
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:			
Analyte Name			Analytical Results	Reported Detection Limits	
Mercury (Reg Limit =	0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1	
ANALYSIS: TCLP N	Actals			Method Ref: 3010A/6010B	
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/9/98	Result Units: mg/L	
Analyte Name			Analytical Results	Reported Detection Limits	
Arsenic (Reg Limit = 5	5.0)		<rdl< td=""><td>1</td></rdl<>	1	
Barium (Reg Limit = 100.0)			<rdl< td=""><td>I</td></rdl<>	I	
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 Base Neutral QC Surrogates (Soils)			Method Ref: 3550B/8270C		
Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/9/98	Result Units: %	
Analyte Name			Analytical Results	Reported Detection Limits	

<RDL = Less than Reported Detection Limit

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Pg 35 of 54

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Client Sample ID: EB-L6

2-Fluorobiphenyl

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AALSample ID #: AB38579 Accura Project #: 15821

Nitrobenzene-d5			100		0
p-Terphenyl-d14			75		0
ANALYSIS: X DRO	QC Surrogate	s (Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
o-Terphenyl			See narrativ	ve	0
ANALYSIS: X_Pest/F	CB QC Surro	gates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
<u>Analyte Name</u> Decachlorobiphenyl			Analytical Result	t <u>s Re</u>	ported Detection Limits 0
				<u>ts Re</u>	
Decachlorobiphenyl	QC Surrogate	s (Soils)	56	<u>ts Re</u> Method Ref:	0 0
Decachlorobiphenyl Tetrachloro-m-xylene	<u>QC Surrogate</u> 3/6/98	<u>s (Soils)</u> Date Analyzed:	56		0 0
Decachlorobiphenyl Tetrachloro-m-xylene <u>ANALYSIS: X VOC</u>			56 96	Method Ref: Result Units:	0 0 8260B
Decachlorobiphenyl Tetrachloro-m-xylene <u>ANALYSIS: X VOC</u> Date Ext/Dig/Prep:			56 96 3/6/98	Method Ref: Result Units:	0 0 8260B %
Decachlorobiphenyl Tetrachloro-m-xylene <u>ANALYSIS: X VOC</u> Date Ext/Dig/Prep: <u>Analyte Name</u>			56 96 3/6/98 <u>Analytical Result</u>	Method Ref: Result Units:	0 0 8260B % ported Detection Limits

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

.

Accura Project #: 15821
Date Sampled: 3/3/98
Date Received: 3/4/98
Date Reported: 9/16/98
Sample Matrix: SOIL

ANALYSIS: BTEX I	oy GC/MS			Method Ref:	8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units:	ug/Kg
Analyte Name			Analytical Resu	<u>ilts</u> <u>Re</u>	ported Detection Limits
Benzene			<rdl< td=""><td></td><td>5</td></rdl<>		5
Ethyl benzene			<rdl< td=""><td></td><td>10</td></rdl<>		10
Toluene			<rdl< td=""><td></td><td>10</td></rdl<>		10
Xylenes			<rdl< td=""><td></td><td>10</td></rdl<>		10
ANALYSIS: Diesel F	tange Organic	s (DRO)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	mg/Kg
Analyte Name			Analytical Resu	<u>ilts Re</u>	ported Detection Limits
Diesel Range Organics	s (DRO)		<rdl< td=""><td></td><td>10</td></rdl<>		10
ANALYSIS: Metals -	Mercury - Re	CRA		Method Ref:	7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units:	mg/Kg
Analyte Name			Analytical Resu	<u>ilts Re</u>	ported Detection Limits
Mercury			<rdl< td=""><td></td><td>0.5</td></rdl<>		0.5
ANALYSIS: Metals	RCRA			Method Ref:	SW846 6010A
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98	Result Units:	mg/Kg
Analyte Name			Analytical Resu	<u>ilts Re</u>	ported Detection Limits
Arsenic			<rdl< td=""><td></td><td>5</td></rdl<>		5
Barium			10		5
Cadmium			<rdl< td=""><td></td><td>0.5</td></rdl<>		0.5
Chromium			<rdl< td=""><td></td><td>5</td></rdl<>		5
Lead			<rdl< td=""><td></td><td>5</td></rdl<>		5
Selenium			<rdl< td=""><td></td><td>5</td></rdl<>		5
Silver			<rdl< td=""><td></td><td>5</td></rdl<>		5

ACCURA ANALYTICAL LABORATORY, INC.

Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/9/98	Result Units: ug/Kg
Analyte Name			Analytical Result	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
r yrene			\KDL	330
ANALYSIS: PCB's				Method Ref: 3550B/8082
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	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
NALYSIS: Pesticides]	Method Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
,4'-DDD			<rdl< td=""><td>2</td></rdl<>	2
,4'-DDE			<rdl< td=""><td>2</td></rdl<>	2
,4'-DDT			<rdl< td=""><td>2</td></rdl<>	2
Idrin			<rdl< td=""><td>2</td></rdl<>	2
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
eta-BHC			<rdl< td=""><td>2</td></rdl<>	2
			<rdl< td=""><td>2</td></rdl<>	2
eta-Endosulfan			1000	2

Client Sample ID: EW-L6

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AALSample ID #: AB38580 Accura Project #: 15821

2-Fluorobiphenyl			65	0
Analyte Name			Analytical Resu	
Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/9/98	Result Units: %
ANALYSIS: X Base	Neutral QC S	urrogates (Soils)		Method Ref: 3550B/8270C
Silver (Reg Limit = 5.0))		<rdl< th=""><th>1</th></rdl<>	1
Selenium (Reg Limit =	•		<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = 5.0)			<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Limit	= 5.0)		<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Limit =	•		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit = 1			<rdl< td=""><td>- 1</td></rdl<>	- 1
Arsenic (Reg Limit = 5	5.0)		<rdl< td=""><td>1</td></rdl<>	1
Analyte Name			Analytical Resu	Its Reported Detection Limi
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/9/98	Result Units: mg/L
ANALYSIS: TCLP N	Ietals			Method Ref: 3010A/6010B
Mercury (Reg Limit =	0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
Analyte Name			Analytical Resu	Its Reported Detection Limi
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/L
ANALYSIS: TCLP N	<u>Aercury</u>			Method Ref: 7470A
TCLP Leachate Fluid	pH		5.0	0
Analyte Name			Analytical Resu	Its Reported Detection Limi
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: pH Units
ANALYSIS: TCLP I	leachate Fluid	pH		Method Ref: 1311
TCLP Extraction			NA	0
Analyte Name			Analytical Resu	Its Reported Detection Limi
ANALYSIS: <u>TCLP I</u> Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:
ANALVER, TOLD	atuation Dro	andum		Method Ref: 1311
Toxaphene	,		<rdl< td=""><td>20</td></rdl<>	20
Total Chlordane (Tech	nical)		<rdl< td=""><td>20</td></rdl<>	20
Methoxychlor			<rdl< td=""><td>10</td></rdl<>	10
Heptachlor Heptachlor epoxide			<rdl <rdl< td=""><td>2 2</td></rdl<></rdl 	2 2
gamma-BHC		-	<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
Endrin aldehyde			<rdl< td=""><td>2</td></rdl<>	2
			1000	4
Endrin			<rdl< td=""><td>2</td></rdl<>	2

Client Sample ID: EW-L6

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AALSample ID #: AB38580 Accura Project #: 15821

Nitrobenzene-d5			63		0
p-Terphenyl-d14			73		0
<u>ANALYSIS: X DRO (</u>	OC Surrogates	(Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	%
A malata Nama			A	4- D.	
Analyte Name			Analytical Resul	<u>ts Ke</u>	eported Detection Limits
o-Terphenyl			82		0
ANALYSIS: X Pest/Pe	CB QC Surrog	gates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98	Result Units:	%
			4 1 1 1 5 1		
Analyte Name			Analytical Resul	te Kr	ported Detection Limits
<u>r mary to r tanto</u>			<u>i marj nour reobur</u>		ported Deteotion Dimini
Decachlorobiphenyl			74		0
				<u>io rx</u>	
Decachlorobiphenyl			74	<u></u> <u></u>	0
Decachlorobiphenyl)C Surrogates	(Soils)	74	Method Ref:	0 0
Decachlorobiphenyl Tetrachloro-m-xylene	<u>)C Surrogates</u> 3/6/98	(Soils) Date Analyzed:	74		0 0 8260B
Decachlorobiphenyl Tetrachloro-m-xylene <u>ANALYSIS:</u> <u>X VOC (</u> Date Ext/Dig/Prep:			74 64 3/6/98	Method Ref: Result Units:	0 0 8260B %
Decachlorobiphenyl Tetrachloro-m-xylene <u>ANALYSIS: X VOC (</u>			74 64	Method Ref: Result Units:	0 0 8260B
Decachlorobiphenyl Tetrachloro-m-xylene <u>ANALYSIS:</u> <u>X VOC (</u> Date Ext/Dig/Prep:			74 64 3/6/98	Method Ref: Result Units:	0 0 8260B %
Decachlorobiphenyl Tetrachloro-m-xylene <u>ANALYSIS: X VOC (</u> Date Ext/Dig/Prep: <u>Analyte Name</u> 1,2-Dichloroethane-d4 4-Bromofluorobenzene			74 64 3/6/98 <u>Analytical Resul</u> 88 123	Method Ref: Result Units:	0 0 8260B % eported Detection Limits 0 0
Decachlorobiphenyl Tetrachloro-m-xylene <u>ANALYSIS: X VOC (</u> Date Ext/Dig/Prep: <u>Analyte Name</u> 1,2-Dichloroethane-d4			74 64 3/6/98 <u>Analytical Resul</u> 88	Method Ref: Result Units:	0 0 8260B % eported Detection Limits 0

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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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOIL
Client Sample ID: EW-L6-X	

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ANALYSIS: BTEX I	y GC/MS		Me	thod Ref: 8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98 Res	ult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Benzene			<rdl< td=""><td>5</td></rdl<>	5
Ethyl benzene			<rdl< td=""><td>10</td></rdl<>	10
Toluene			<rdl< td=""><td>10</td></rdl<>	10
Xylenes			<rdl< td=""><td>10</td></rdl<>	10
ANALYSIS: Diesel F	ange Organic	s (DRO)	Me	thod Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98 Res	ult Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Diesel Range Organics	(DRO)		<rdl< td=""><td>10</td></rdl<>	10
ANALYSIS: Metals	Mercury - RC	CRA	Met	thod Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98 Res	ult Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals	RCRA		Met	thod Ref: SW846 6010A
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98 Res	ult Units: mg/Kg
Date Ext/Dig/Prep: <u>Analyte Name</u>	3/9/98	Date Analyzed:	3/6/98 Res <u>Analytical Results</u>	
	3/9/98	Date Analyzed:		ult Units: mg/Kg
<u>Analyte Name</u> Arsenic Barium	3/9/98	Date Analyzed:	Analytical Results <rdl 13</rdl 	ult Units: mg/Kg <u>Reported Detection Limits</u> 5 5
<u>Analyte Name</u> Arsenic Barium Cadmium	3/9/98	Date Analyzed:	<u>Analytical Results</u> <rdl 13 <rdl< td=""><td>ult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5</td></rdl<></rdl 	ult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5
Analyte Name Arsenic Barium Cadmium Chromium	3/9/98	Date Analyzed:	Analytical Results <rdl 13 <rdl <rdl <rdl< td=""><td>ult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5 5</td></rdl<></rdl </rdl </rdl 	ult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5 5
Analyte Name Arsenic Barium Cadmium Chromium Lead	3/9/98	Date Analyzed:	Analytical Results <rdl 13 <rdl <rdl <rdl <rdl< td=""><td>ult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5 5 5</td></rdl<></rdl </rdl </rdl </rdl 	ult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5 5 5
Analyte Name Arsenic Barium Cadmium Chromium	3/9/98	Date Analyzed:	Analytical Results <rdl 13 <rdl <rdl <rdl< td=""><td>ult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5 5</td></rdl<></rdl </rdl </rdl 	ult Units: mg/Kg <u>Reported Detection Limits</u> 5 5 0.5 5 5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Client Sample ID: EW-L6-X

Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/9/98 Re	esult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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 <rdl< td=""><td>330</td></rdl<></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 <rdl< td=""><td>330</td></rdl<></rdl 	330
Chrysene			<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
Dibenzo(a,h)anthracene			<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
Fluoranthene			<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
Fluorene			<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
Indeno(1,2,3-cd)pyrene			<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
Naphthalene			<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
Phenanthrene			<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
			<rdl <rdl< td=""><td>330</td></rdl<></rdl 	330
Pyrene				550
ANALYSIS: PCB's			M	ethod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98 Re	esult 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			M	ethod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98 Re	sult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
4,4'-DDD			<rdl< td=""><td>2</td></rdl<>	2
I,4'-DDE			<rdl< td=""><td>2</td></rdl<>	2
,4'-DDT			<rdl< td=""><td>2</td></rdl<>	2
Aldrin			<rdl< td=""><td>2</td></rdl<>	2
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
eta-BHC			<rdl< td=""><td>2</td></rdl<>	2
eta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
lelta-BHC			<rdl< td=""><td>2</td></rdl<>	2

Client Sample ID: EW-L6-X

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AALSample ID #: AB38581 Accura Project #: 15821

Endrin -RDL 2 Endrin aldehyde -RDL 2 Endrin aldehyde -RDL 2 Endrin aldehyde -RDL 2 Heptachlor epoxide -RDL 2 Methoxychlor -RDL 10 Total Chlordane (Technical) -RDL 20 ANALYSIS: TCLP Extraction Procedure Method Ref. 1311 20 ANALYSIS: TCLP Extraction Procedure Method Ref. 1311 20 Analyte Name Analytical Results Reported Detection Lin TCLP Extraction NA 0 ANALYSIS: TCLP Leachate Fluid pH Method Ref. 1311 20 Date Ext/Dig/Prep: 3/6/98 Result Units: pH Units Analyte Name Analytical Results Reported Detection Lin TCLP Leachate Fluid pH 5.0 0 0 Analyte Name Analytical Results Reported Detection Lin TCLP Mercury Method Ref. 3010A/6010B 0 Analyte Name Analytical Results Reported Detection Lin Merury (Reg Linit = 0.2) <rdl< td=""></rdl<>	Dieldrin			<rdl< th=""><th></th><th>2</th></rdl<>		2
Endrin aldehyde -RDL 2 ganna-BHC -RDL 2 Heptachlor -RDL 2 Heptachlor epoxide -RDL 2 Methoxychor -RDL 20 Total Chlordane (Technical) -RDL 20 Analyte Name -Role Careauts Reported Detection Lin TCLP Extraction NA 0 Analyte Name	Endosulfan sulfate			<rdl< td=""><td></td><td>2</td></rdl<>		2
gamma-BHC -RDL 2 Heptachlor -RDL 2 Heptachlor epoxide -RDL 2 Methoxychlor -RDL 20 Total Chlordane (Technical) -RDL 20 ANALYSIS: TCLP Extraction Procedure Method Ref: 1311 Date Ext/Dig/Prep: 3/5/98 Result Units: Analytical Results Analyte Name Analytical Results Reported Detection Lin TCLP Extraction NA 0 ANALYSIS: TCLP Leachate Fluid pH Method Ref: 1311 Date Ext/Dig/Prep: 3/6/98 Result Units: pH Units Analyte Name Analytical Results Reported Detection Lin TCLP Leachate Fluid pH 5.0 0 ANALYSIS: TCLP Mercury Method Ref: 7470A Date Ext/Dig/Prep: 3/6/98 Result Units: mg/L Analytical Results Reported Detection Lin 1 Analyte Name Analytical Results Reported Detection Lin Metoury (Reg Linit = 0.2) <rdl< td=""> 0.1 1 Analyte Name Analytical Results Reported Detection Lin</rdl<>	Endrin			<rdl< td=""><td></td><td>2</td></rdl<>		2
Heptachlor <rdl< td=""> 2 Heptachlor epoxide <rdl< td=""> 2 Methovychor <rdl< td=""> 0 Total Chlordane (Technical) <rdl< td=""> 20 Analyte Sig: TCLP Extraction Procedure Method Ref: 1311 Date Ext/Dig/Prep: 3/5/98 Result Units: Reported Detection Lin TCLP Extraction NA 0 0 ANALYSIS: TCLP Leachate Fluid pH Method Ref: 1311 Date Ext/Dig/Prep: 3/6/98 Result Units: pH Units Analyte Name Analytical Results Reported Detection Lin TCLP Extraction NA 0 ANALYSIS: TCLP Leachate Fluid pH S.0 0 Analytical Results Reported Detection Lin TCLP Leachate Fluid pH S.0 0 Analyte Name Analytical Results Reported Detection Lin Method Ref: 300/06/06 Analyte Name Analytical Results Reported Detection Lin Method Ref: 3010A/6010B Date Ext/Dig/Prep: 3/6/98 Result Units: mg/L Analytical Results Method Ref: 3010A/6010B</rdl<></rdl<></rdl<></rdl<>	Endrin aldehyde			<rdl< td=""><td></td><td>2</td></rdl<>		2
Heptachlor epoxide -RDL 2 Methoxychlor -RDL 20 Total Chlordane (Technical) -RDL 20 Total Chlordane (Technical) -RDL 20 AnALYSIS: TCLP Extraction Procedure Method Ref: 1311 Date Ext/Dig/Prep: 3/5/98 Result Units: Reported Detection Lin TCLP Extraction NA 0 Analyte Name Analytical Results Reported Detection Lin TCLP Extraction NA 0 Analyte Name Analytical Results Reported Detection Lin TCLP Extraction NA 0 Analyte Name Analytical Results Reported Detection Lin TCLP Leachate Fluid pH 5.0 0 Analyte Name Analytical Results Reported Detection Lin TCLP Leachate Fluid pH 5.0 0 0 Analyte Name Analytical Results Reported Detection Lin Method Ref. 7470A 0 0 Analyte Name Analytical Results Reported Detection Lin Method Ref. 91/978 Result Units: mg/L 0	gamma-BHC		•	<rdl< td=""><td></td><td>2</td></rdl<>		2
Methozychlor -RDL 10 Total Chlordane (Technical) -RDL 20 ANALYSIS: TCLP Extraction Procedure Method Ref: 1311 Date Ext/Dig/Prep: 3/5/98 Result Units: Reported Detection Lin Analyte Name Analytical Results Reported Detection Lin TCLP Extraction NA 0 ANALYSIS: TCLP Leachate Fluid pH Method Ref: 1311 Date Ext/Dig/Prep: 3/6/98 Result Units: pH Units Analyte Name Analytical Results Reported Detection Lin TCLP Extraction NA 0 Analyte Name Analytical Results Reported Detection Lin TCLP Leachate Fluid pH 5.0 0 Analyte Name Analytical Results Reported Detection Lin Method Ref: 3010A/6010B 0 Analyte Name Analytical Results Reported Detection Lin Mercury (Reg Linit = 0.2) <rdl< td=""> 0.1 Analyte Name Analytical Results Reported Detection Lin Analyte Name Analytical Results Reported Detection Lin Analyte Name Analytical Resul</rdl<>	Heptachlor			<rdl< td=""><td></td><td>2</td></rdl<>		2
Total Chlordane (Technical) <rdl< td=""> 20 Toxaphene <rdl< td=""> 20 ANALYSIS: TCLP Extraction Procedure Method Ref: 1311 Date Ext/Dig/Prep: 3/5/98 Date Analyzed: 3/5/98 Result Units: Analyte Name Analytical Results Reported Detection Lim TCLP Extraction NA 0 ANALYSIS: TCLP Leachate Fluid pH Method Ref: 1311 Date Ext/Dig/Prep: 3/6/98 Date Analyzed: 3/6/98 Result Units: pH Units Analyte Name Analyte Results Reported Detection Lim NA 0 ANALYSIS: TCLP Mercury Method Ref: 7470A 0 0 ANALYSIS: TCLP Mercury Method Ref: 3010A/6010B 0 Date Ext/Dig/Prep: 3/6/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Lim Mercury (Reg Limit = 0.2) <rdl< td=""> 0.1 Analyte Name Method Ref: 3010A/6010B 0 Date Ext/Dig/Prep: 3/9/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Lim Analyte Name<td>Heptachlor epoxide</td><td></td><td></td><td><rdl< td=""><td></td><td>2</td></rdl<></td></rdl<></rdl<></rdl<>	Heptachlor epoxide			<rdl< td=""><td></td><td>2</td></rdl<>		2
Toxaphene <rdl< td=""> 20 ANALYSIS: TCLP Extraction Procedure Method Ref. 1311 Income text/Dig/Prep: 3/5/98 Result Units: Analyte Name Analytical Results Reported Detection Lin NA 0 Analyte Name NA 0 Method Ref. 1311 Income text/Dig/Prep: 3/6/98 Result Units: pH Units: Analyte Name Analytical Results Reported Detection Lin NA 0 ANALYSIS: TCLP Leachate Fluid pH Method Ref. 1311 Method Ref. 1311 Income text/Dig/Prep: 3/6/98 Result Units: pH Units Analyte Name Analytical Results Reported Detection Lin NA 0 Analyte Name Analytical Results Reported Detection Lin Na 0 Analyte Name Analytical Results Reported Detection Lin Na Method Ref. 3010A/6010B Stop N/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Lin Method Reg Linit = 0.2) <rdl< td=""> 0.1 Analyte Name Analytical Results Reported Detection Lin Analyte Name Analytical Results</rdl<></rdl<>	•					
ANALYSIS: TCLP Extraction Procedure Method Ref. 1311 Date Ext/Dig/Prep: 3/5/98 Date Analyzed: 3/5/98 Result Units: Analyte Name Analytical Results Reported Detection Lim TCLP Extraction NA 0 ANALYSIS: TCLP Leachate Fluid pH Method Ref: 1311 Date Ext/Dig/Prep: 3/6/98 Date Analyzed: 3/6/98 Result Units: pH Units Analyte Name Analytical Results Reported Detection Lim Reported Detection Lim 0 Analyte Name Analytical Results Reported Detection Lim 0 TCLP Leachate Fluid pH 5.0 0 0 ANALYSIS: TCLP Mercury Method Ref: 7470A Date Ext/Dig/Prep: 3/6/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Lim Mercury (Reg Limit = 0.2) <rdl< td=""> 0.1 Analyte Name Analytical Results Reported Detection Lim Aresuic (Reg Limit = 5.0) Aralytical Results Reported Detection Lim Barium (Reg Limit = 5.0) <rdl< td=""> 1 Barium (Reg Lim</rdl<></rdl<>	•	nical)				
Date Ext/Dig/Prep: $3/5/98$ Date Analyzed: $3/5/98$ Result Units:Analyte NameAnalytical ResultsReported Detection LinTCLP ExtractionNA0ANALYSIS; TCLP Leachate Fluid pHNA0Date Ext/Dig/Prep: $3/6/98$ Date Analyzed: $3/6/98$ Result Units:pH UnitsAnalyte NameAnalytical ResultsReported Detection LinTCLP Leachate Fluid pH 5.0 0ANALYSIS; TCLP MereuryMethod Ref: $7470A$ Date Ext/Dig/Prep: $3/6/98$ Date Analyzed: $3/6/98$ Result Units:mg/LAnalyte NameAnalytical ResultsReported Detection Lin mg/L Analyte NameAnalytical ResultsReported Detection LinMercury (Reg Limit = 0.2) $< RDL$ 0.1 Analytical ResultsReported Detection LinAnalytical ResultsReported Detection LinAnalyte Name $analytical Results$ Reported Detection LinAnalyte Name $Analytical Results$ Reported Detection LinAnalyte Name $analytical Results$ Reported Detection LinAnalyte Reg Limit = 5.0) $< RDL$ 1Coronium (Reg Limit = 5.0) $< RDL$ 1Coronium (Reg Limit = 1.0) $< RDL$ 1Coronium (Reg Limit = 1.0) $< RDL$ 1Silver (Reg Limit = 5.0) $< RDL$ 1Analytes Name $< Ralytical Results$ $% eported Detection LimAnalyte Name< Analytical Results% eported Detection LimAnalyte Nam$	Toxaphene			<rdl< td=""><td></td><td>20</td></rdl<>		20
Analyte Name Analytical Results Reported Detection Lin TCLP Extraction NA 0 ANALYSIS; TCLP Leachate Fluid pH Method Ref: 1311 Date Ext/Dig/Prep: 3/6/98 Result Units: pH Units Analyte Name Analytical Results Reported Detection Lin TCLP Leachate Fluid pH 5.0 0 Analyte Name Analytical Results Reported Detection Lin TCLP Leachate Fluid pH 5.0 0 Analyte Name Analytical Results Reported Detection Lin TCLP Leachate Fluid pH 5.0 0 Analyte Name Analytical Results Reported Detection Lin Analyte Name Analytical Results Reported Detection Lin Metroury (Reg Limit = 0.2) <rdl< td=""> 0.1 Analyte Name Analytical Results Reported Detection Lin Analyte Name Analytical Results Reported Detection Lin Analyte Name Analytical Results Reported Detection Lin Analyte Name Analyte Reg 1 Analyte Name Analyte Reg 1 Analyte Name Analytical Results Reported Detection Lin<!--</td--><td>ANALYSIS: TCLP E</td><td>xtraction Pro</td><td>ocedure</td><td></td><td>Method Ref:</td><td>1311</td></rdl<>	ANALYSIS: TCLP E	xtraction Pro	ocedure		Method Ref:	1311
TCLP Extraction NA 0 ANALYSIS: TCLP Leachate Fluid pH Method Ref: 1311 Method Ref: 1311 Date Ext/Dig/Prep: $3/6/98$ Date Analyzed: $3/6/98$ Result Units: pH Units Analyte Name Analytical Results Reported Detection Lim TCLP Leachate Fluid pH 5.0 0 ANALYSIS: TCLP Mercury Method Ref: 7470A Date Ext/Dig/Prep: $3/6/98$ Date Analyzed: $3/6/98$ Result Units: mg/L Analyte Name Analytical Results Reported Detection Lim Metroury (Reg Limit = 0.2) <rdl< td=""> 0.1 Analyte Name Analytical Results Reported Detection Lim Analyte Name Analytical Results Reported Detection Lim Analyte Name Analytical Results Reported Detection Lim Arsenic (Reg Limit = 5.0) <rdl< td=""> 1 Cadmium (Reg Limit = 5.0) <rdl< td=""> 1 Stelenium (Reg Limit = 5.0) <rdl< td=""> 1</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:	
ANALYSIS: TCLP Leachate Fluid pH Method Ref. 1311 Date Ext/Dig/Prep: $3/6/98$ Date Analyzed: $3/6/98$ Result Units: pH Units Analyte Name $Analyteal Results$ Reported Detection Lim TCLP Leachate Fluid pH 5.0 0 ANALYSIS: TCLP Mercury Method Ref. 7470A Date Ext/Dig/Prep: $3/6/98$ Date Analyzed: $3/6/98$ Result Units: mg/. Analyte Name Analytical Results Reported Detection Lim Metroury (Reg Limit = 0.2) <rdl< td=""> 0.1 ANALYSIS: TCLP Metals Method Ref. 3010A/6010B Date Ext/Dig/Prep: $3/9/98$ Date Analyzed: $3/9/98$ Result Units: mg/. Analyte Name Analytical Results Reported Detection Lim Arsenic (Reg Limit = 5.0) <rdl< td=""> 1 Arsenic (Reg Limit = 1.0.0) <rdl< td=""> 1 Cadnium (Reg Limit = 1.0) <rdl< td=""> 1 Selenium (Reg Limit = 5.0) <rdl< td=""><td>Analyte Name</td><td></td><td></td><td>Analytical Resul</td><td><u>ts Rer</u></td><td>orted Detection Lim</td></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Analyte Name			Analytical Resul	<u>ts Rer</u>	orted Detection Lim
Date Ext/Dig/Prep: 3/6/98 Date Analyzed: 3/6/98 Result Units: pH Units Analyte Name Analytical Results Reported Detection Lint TCLP Leachate Fluid pH 5.0 0 Analyte Name Method Ref: 7470A Date Ext/Dig/Prep: 3/6/98 Date Analyzed: 3/6/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Lint Mercury (Reg Limit = 0.2) <rdl< td=""> 0.1 Analyte Name Analytical Results Reported Detection Lint Arsenic (Reg Limit = 5.0) <rdl< td=""> 1 Barium (Reg Limit = 10.0) <rdl< td=""> 1 Cadmium (Reg Limit = 1.0) <rdl< td=""> 1 Selenium (Reg Limit = 5.0) <rdl< td=""> 1 Selenium (Reg Limit = 1.0) <rdl< td=""> 1 Stort Result Nits: Store Result Units: %</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	TCLP Extraction			NA		0
Analyte Name Analytical Results Reported Detection Line TCLP Leachate Fluid pH 5.0 0 Analyte Name Method Ref: 7470A Date Ext/Dig/Prep: 3/6/98 Date Analyzed: 3/6/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Line Mercury (Reg Limit = 0.2) <rdl< td=""> 0.1 Analyte Name Method Ref: 3010A/6010B Date Ext/Dig/Prep: 3/9/98 Date Analyzed: 3/9/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Line Arsenic (Reg Limit = 5.0) <rdl< td=""> 1 Cadmium (Reg Limit = 1.0) <rdl< td=""> 1 Cadmium (Reg Limit = 1.0) <rdl< td=""> 1 Lead (Reg Limit = 5.0) <rdl< td=""> 1 Selenium (Reg Limit = 1.0) <rdl< td=""> 1 Selenium (Reg Limit = 5.0) <rdl< td=""> 1</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	ANALYSIS: TCLP L	eachate Fluid	l pH		Method Ref:	1311
TCLP Leachate Fluid pH 5.0 0 ANALYSIS: TCLP Mercury Method Reff: 7470A Date Ext/Dig/Prep: 3/6/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Lim Mercury (Reg Limit = 0.2) <rdl< td=""> 0.1 ANALYSIS: TCLP Metals Method Reff: 3010A/6010B 0 Date Ext/Dig/Prep: 3/9/98 Date Analyzed: 3/9/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Lim Analyte Name Analytical Results Reported Detection Lim Analyte Name Analytical Results Reported Detection Lim Arsenic (Reg Limit = 5.0) <rdl< td=""> 1 Cadmium (Reg Limit = 5.0) <rdl< td=""> 1 Cadmium (Reg Limit = 1.0) <rdl< td=""> 1 Cadmium (Reg Limit = 5.0) <rdl< td=""> 1 Selenium (Reg Limit = 5.0) <rdl< td=""> 1 ANALYSIS: X Base Neutral QC Surrogates (Soils) Method Reff: 3550B/8270C Date Ext/Dig/Prep: 3/10/98 Date Analyzed: 3/9/98 Result Units: % Analyte Name Analytical Results Reported Detection Lim 2-Fluorobiphenyl<!--</td--><td>Date Ext/Dig/Prep:</td><td>3/6/98</td><td>Date Analyzed:</td><td>3/6/98</td><td>Result Units:</td><td>pH Units</td></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units:	pH Units
ANALYSIS: TCLP Mercury Method Ref: 7470A Date Ext/Dig/Prep: $3/6/98$ Date Analyzed: $3/6/98$ Result Units: mg/L Analyte Name Analytical Results Reported Detection Lim Mercury (Reg Limit = 0.2) <rdl< td=""> 0.1 ANALYSIS: TCLP Metals Method Ref: $3010A/6010B$ Date Ext/Dig/Prep: $3/9/98$ Date Analyzed: $3/9/98$ Result Units: mg/L Analyte Name Analytical Results Reported Detection Lim Arsenic (Reg Limit = 5.0) $<$RDL 1 Barium (Reg Limit = 1.0) $<$RDL 1 Chromium (Reg Limit = 5.0) $<$RDL 1 Barium (Reg Limit = 5.0) $<$RDL 1 Selenium (Reg Limit = 5.0) $<$RDL 1 Analyte Name $Analytical Results$ $Reported Detection Lim$</rdl<>	Analyte Name			Analytical Result	ts <u>Rep</u>	orted Detection Limi
Date Ext/Dig/Prep: 3/6/98 Date Analyzed: 3/6/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Lint Mercury (Reg Limit = 0.2) <rdl< td=""> 0.1 ANALYSIS: TCLP Metals Method Ref: 3010A/6010B Date Ext/Dig/Prep: 3/9/98 Date Analyzed: 3/9/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Lint Analyte Name Analytical Results Reported Detection Lint Arsenic (Reg Limit = 5.0) aralytical Results Reported Detection Lint Barium (Reg Limit = 1.0) <rdl< td=""> 1 Cadmium (Reg Limit = 5.0) <rdl< td=""> 1 Lead (Reg Limit = 5.0) <rdl< td=""> 1 Selenium (Reg Limit = 5.0) <rdl< td=""> 1 Selenium (Reg Limit = 5.0) <rdl< td=""> 1 Selenium (Reg Limit = 5.0) <rdl< td=""> 1 Analyter (Reg Limit = 5.0) <rdl< td=""> 1 Selenium (Reg Limit = 5.0) <rdl< td=""> 1 Analyter (Reg Limit = 5.0) <rdl< td=""> 1 Analyte Rame Analyte Rame Analyte Rame<td>TCLP Leachate Fluid p</td><td>H</td><td></td><td>5.0</td><td>,</td><td>0</td></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	TCLP Leachate Fluid p	H		5.0	,	0
Analyte Name Analytical Results Reported Detection Lim Mercury (Reg Limit = 0.2) <rdl< td=""> 0.1 ANALYSIS: TCLP Metals Method Ref: 3010A/6010B 0.1 Date Ext/Dig/Prep: 3/9/98 Date Analyzed: 3/9/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Lim Analyte Name Analytical Results Reported Detection Lim Arsenic (Reg Limit = 5.0) <rdl< td=""> 1 Cadmium (Reg Limit = 1.0) <rdl< td=""> 1 Chromium (Reg Limit = 5.0) <rdl< td=""> 1 Lead (Reg Limit = 5.0) <rdl< td=""> 1 Lead (Reg Limit = 5.0) <rdl< td=""> 1 Selenium (Reg Limit = 5.0) <rdl< td=""> 1 Lead (Reg Limit = 5.0) <rdl< td=""> 1 Selenium (Reg Limit = 1.0) <rdl< td=""> 1 ANALYSIS: X Base Neutral QC Surrogates (Soils) Method Ref: 3550B/8270C Date Ext/Dig/Prep: 3/10/98 Date Analyzed: 3/9/98 Analyte Name Analytical Results Reported Detection Lim 2-Fluorobiphenyl 68 0 0 ACCURA ANALYTICAL LABORATORY, INC. <rdl =="" le<="" td=""><td>ANALYSIS: TCLP N</td><td>lercury</td><td></td><td></td><td>Method Ref:</td><td>7470A</td></rdl></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	ANALYSIS: TCLP N	lercury			Method Ref:	7470A
Mercury (Reg Limit = 0.2) <rdl< td=""> 0.1 ANALYSIS: TCLP Metals Method Ref: 3010A/6010B Date Ext/Dig/Prep: 3/9/98 Date Analyzed: 3/9/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Lim Arsenic (Reg Limit = 5.0) <rdl< td=""> 1 Barium (Reg Limit = 1.0) <rdl< td=""> 1 Cadmium (Reg Limit = 5.0) <rdl< td=""> 1 Cadmium (Reg Limit = 5.0) <rdl< td=""> 1 Cade (Reg Limit = 5.0) <rdl< td=""> 1 Selenium (Reg Limit = 5.0) <rdl< td=""> 1 ANALYSIS: X Base Neutral QC Surrogates (Soils) Method Ref: 3550B/8270C Date Ext/Dig/Prep: 3/10/98 Date Analyzed: 3/9/98 Result Units: % Analyte Name Analytical Results Reported Detection Lim 68 2-Fluorobiphenyl 68 0 0 ACCURA ANALYTICAL LABORATORY, INC. <rdl =="" detec<="" less="" reported="" td="" than=""><td>Date Ext/Dig/Prep:</td><td>3/6/98</td><td>Date Analyzed:</td><td>3/6/98</td><td>Result Units:</td><td>mg/L</td></rdl></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units:	mg/L
ANALYSIS: TCLP Metals Method Ref: 3010A/6010B Date Ext/Dig/Prep: 3/9/98 Date Analyzed: 3/9/98 Result Units: mg/L Analyte Name Analytical Results Reported Detection Lim Arsenic (Reg Limit = 5.0) <rdl< td=""> 1 Barium (Reg Limit = 100.0) <rdl< td=""> 1 Cadmium (Reg Limit = 1.0) <rdl< td=""> 1 Chromium (Reg Limit = 5.0) <rdl< td=""> 1 Lead (Reg Limit = 5.0) <rdl< td=""> 1 Selenium (Reg Limit = 5.0) <rdl< td=""> 1 ANALYSIS: X Base Neutral QC Surrogates (Soils) Method Ref: 3550B/8270C Date Ext/Dig/Prep: 3/10/98 Date Analyzed: 3/9/98 Result Units: % Analyte Name Analytical Results Reported Detection Limit Pg 43 of ACCURA ANALYTICAL LABORATORY, INC. <rdl =="" detection="" less="" limit<="" reported="" td="" than=""> Pg 43 of </rdl></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Analyte Name			Analytical Result	ts <u>Rep</u>	orted Detection Limi
Date Ext/Dig/Prep:3/9/98Date Analyzed:3/9/98Result Units:mg/LAnalyte NameAnalytical ResultsReported Detection LimArsenic (Reg Limit = 5.0) <rdl< td="">1Barium (Reg Limit = 1.0)<rdl< td="">1Cadmium (Reg Limit = 5.0)<rdl< td="">1Chromium (Reg Limit = 5.0)<rdl< td="">1Lead (Reg Limit = 5.0)<rdl< td="">1Selenium (Reg Limit = 5.0)<rdl< td="">1Selenium (Reg Limit = 5.0)<rdl< td="">1Selenium (Reg Limit = 5.0)<rdl< td="">1Stiver (Reg Limit = 5.0)<rdl< td="">1Stiver (Reg Limit = 5.0)<rdl< td="">1ANALYSIS: X Base Neutral QC Surrogates (Soils)Method Ref:3550B/8270CDate Ext/Dig/Prep:3/10/98Date Analyzed:3/9/98Result Units:Analyte NameAnalytical ResultsReported Detection Lim2-Fluorobiphenyl680ACCURA ANALYTICAL LABORATORY, INC.<rdl =="" detection="" less="" limit<="" reported="" td="" than="">Pg 43 of</rdl></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Mercury (Reg Limit =	0.2)		<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
Analyte NameAnalytical ResultsReported Detection LimArsenic (Reg Limit = 5.0) <rdl< td="">1Barium (Reg Limit = 1.0)<rdl< td="">1Cadmium (Reg Limit = 5.0)<rdl< td="">1Lead (Reg Limit = 5.0)<rdl< td="">1Selenium (Reg Limit = 5.0)<rdl< td="">1ANALYSIS: X Base Neutral QC Surrogates (Soils)Method Ref: 3550B/8270CDate Ext/Dig/Prep:3/10/98Date Analyzed: 3/9/98Result Units: %Analyte NameAnalytical ResultsReported Detection Lim2-Fluorobiphenyl680ACCURA ANALYTICAL LABORATORY, INC.<rdl =="" detection="" less="" limit<="" reported="" td="" than="">Pg 43 of</rdl></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	ANALYSIS: TCLP N	letals	<u>.</u>		Method Ref:	3010A/6010B
Arsenic (Reg Limit = 5.0) <rdl< th="">1Barium (Reg Limit = 100.0)<rdl< td="">1Cadmium (Reg Limit = 1.0)<rdl< td="">1Chromium (Reg Limit = 5.0)<rdl< td="">1Lead (Reg Limit = 5.0)<rdl< td="">1Selenium (Reg Limit = 1.0)<rdl< td="">1Selenium (Reg Limit = 5.0)<rdl< td="">1Selenium (Reg Limit = 5.0)<rdl< td="">1Selenium (Reg Limit = 5.0)<rdl< td="">1ANALYSIS: X Base Neutral QC Surrogates (Soils)Method Ref: 3550B/8270CDate Ext/Dig/Prep:3/10/98Date Analyzed:3/9/98Result Units: %%Analyte NameAnalytical ResultsReported Detection Limit2-Fluorobiphenyl680ACCURA ANALYTICAL LABORATORY, INC.<rdl =="" detection="" less="" limit<="" reported="" td="" than="">Pg 43 of</rdl></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/9/98	Result Units:	mg/L
Barium (Reg Limit = 100.0) <rdl< th="">1Cadmium (Reg Limit = 1.0)<rdl< td="">1Chromium (Reg Limit = 5.0)<rdl< td="">1Lead (Reg Limit = 5.0)<rdl< td="">1Selenium (Reg Limit = 1.0)<rdl< td="">1Selenium (Reg Limit = 5.0)<rdl< td="">1Silver (Reg Limit = 5.0)<rdl< td="">1Silver (Reg Limit = 5.0)<rdl< td="">1ANALYSIS: X Base Neutral QC Surrogates (Soils)Method Ref: 3550B/8270CDate Ext/Dig/Prep:3/10/98Date Analyzed: 3/9/98Result Units: %Analyte NameAnalytical ResultsReported Detection Limit2-Fluorobiphenyl680ACCURA ANALYTICAL LABORATORY, INC.<rdl =="" detection="" less="" limit<="" reported="" td="" than="">Pg 43 of</rdl></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Analyte Name			Analytical Result	s <u>Rep</u>	orted Detection Limi
Cadmium (Reg Limit = 1.0) <rdl< td="">1Chromium (Reg Limit = 5.0)<rdl< td="">1Lead (Reg Limit = 5.0)<rdl< td="">1Selenium (Reg Limit = 1.0)<rdl< td="">1Silver (Reg Limit = 5.0)<rdl< td="">1ANALYSIS: X Base Neutral QC Surrogates (Soils)Method Ref: 3550B/8270CDate Ext/Dig/Prep:3/10/98Date Analyzed:3/10/98Date Analyzed:3/9/98Result Units:%Analyte NameAnalytical Results2-Fluorobiphenyl680ACCURA ANALYTICAL LABORATORY, INC.<rdl =="" detection="" less="" limit<="" reported="" td="" than="">Pg 43 of</rdl></rdl<></rdl<></rdl<></rdl<></rdl<>	Arsenic (Reg Limit = 5	.0)		<rdl< td=""><td></td><td>1</td></rdl<>		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 Base Neutral QC Surrogates (Soils) Method Ref: 3550B/8270C Date Ext/Dig/Prep: 3/10/98 Date Analyzed: 3/9/98 Result Units: % Analyte Name Analytical Results Reported Detection Limit 2-Fluorobiphenyl 68 0</rdl<></rdl<></rdl<></rdl<>						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 Base Neutral QC Surrogates (Soils) Method Ref: 3550B/8270C Date Ext/Dig/Prep: 3/10/98 Date Analyzed: 3/9/98 Result Units: % Analyte Name Analytical Results Reported Detection Limit 2-Fluorobiphenyl 68 0</rdl<></rdl<></rdl<>						1
Selenium (Reg Limit = 1.0) <rdl< td=""> 1 Silver (Reg Limit = 5.0) <rdl< td=""> 1 ANALYSIS: X Base Neutral QC Surrogates (Soils) Method Ref: 3550B/8270C Date Ext/Dig/Prep: 3/10/98 Date Analyzed: 3/9/98 Result Units: % Analyte Name Analytical Results Reported Detection Limit 2-Fluorobiphenyl 68 0 ACCURA ANALYTICAL LABORATORY, INC. <rdl =="" detection="" less="" limit<="" reported="" td="" than=""> Pg 43 of</rdl></rdl<></rdl<>		•				1
Silver (Reg Limit = 5.0) <rdl< td=""> 1 ANALYSIS: X Base Neutral QC Surrogates (Soils) Method Ref: 3550B/8270C Date Ext/Dig/Prep: 3/10/98 Date Analyzed: 3/9/98 Result Units: % Analyte Name Analytical Results Reported Detection Limit 2-Fluorobiphenyl 68 0 ACCURA ANALYTICAL LABORATORY, INC. <rdl =="" detection="" less="" limit<="" reported="" td="" than=""> Pg 43 of</rdl></rdl<>	• - •					1
Date Ext/Dig/Prep: 3/10/98 Date Analyzed: 3/9/98 Result Units: % Analyte Name Analytical Results Reported Detection Lim 2-Fluorobiphenyl 68 0 ACCURA ANALYTICAL LABORATORY, INC. <rdl =="" detection="" less="" limit<="" reported="" td="" than=""> Pg 43 of</rdl>		-				1
Date Ext/Dig/Prep: 3/10/98 Date Analyzed: 3/9/98 Result Units: % Analyte Name Analytical Results Reported Detection Lim 2-Fluorobiphenyl 68 0 ACCURA ANALYTICAL LABORATORY, INC. <rdl =="" detection="" less="" limit<="" reported="" td="" than=""> Pg 43 of</rdl>	ANALVSIS: X Base I	Neutral OC S	urrogates (Soils)		Method Ref:	3550B/8270C
2-Fluorobiphenyl 68 0 ACCURA ANALYTICAL LABORATORY, INC. <rdl 43="" =="" detection="" less="" limit="" of<="" pg="" reported="" td="" than=""><td>Date Ext/Dig/Prep:</td><td></td><td></td><td>3/9/98</td><td></td><td></td></rdl>	Date Ext/Dig/Prep:			3/9/98		
ACCURA ANALYTICAL LABORATORY, INC. <rdl 43="" =="" detection="" less="" limit="" of<="" pg="" reported="" td="" than=""><td>Analyte Name</td><td></td><td></td><td>Analytical Result</td><td><u>s Rep</u></td><td>orted Detection Limi</td></rdl>	Analyte Name			Analytical Result	<u>s Rep</u>	orted Detection Limi
	2-Fluorobiphenyl			68		0
Client Sample ID: EW-L6-X AALSample ID #: AB38581 Accura Project #: 1582	ACCURA ANALYTICAL L	ABORATORY, I	NC. <rdl =<="" td=""><td>= Less than Reported D</td><td>Detection Limit</td><td>Pg 43 of :</td></rdl>	= Less than Reported D	Detection Limit	Pg 43 of :
	Client Sample ID: EW-L	.6-X		AALSample ID #:	: AB38581 Ac	cura Project #: 15821

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Nitrobenzene-d5 p-Terphenyl-d14			62 74		0
p-respiciny/-d14			/4		0
ANALYSIS: X DRO	QC Surrogates	(Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	%
Analyte Name			Analytical Resul	lts <u>Re</u>	ported Detection Limits
o-Terphenyl			68		0
ANALYSIS: X Pest/P	CB QC Surrog	gates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/9/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
Decachlorobiphenyl			85		0
Decaemoroorphonyr			00		0
Tetrachloro-m-xylene			57		0
	QC Surrogates	(Soils)		Method Ref:	0
Tetrachloro-m-xylene	QC Surrogates 3/6/98	(Soils) Date Analyzed:		Method Ref: Result Units:	0
Tetrachloro-m-xylene			57	Result Units:	0 8260B
Tetrachloro-m-xylene <u>ANALYSIS: X VOC (</u> Date Ext/Dig/Prep:			57 3/6/98	Result Units:	0 8260B %
Tetrachloro-m-xylene ANALYSIS: X VOC O Date Ext/Dig/Prep: Analyte Name			57 3/6/98 <u>Analytical Resul</u>	Result Units:	0 8260B % ported Detection Limits

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 #: 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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: WATER
Client Sample ID: IV-TB	

ANALYSIS: VOC's

ANALYSIS: VOC's				Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units: ug/L
Analyte Name			Analytical Result	ts Reported Detection Limits
1,1,1-Trichloroethane			<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachloroetha	ne		<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 ethe	er		<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-Dichloropropen	3		<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

Client Sample ID: IV-TB

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AALSample ID #: AB38582 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: 5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units: %
Analyte Name			Analytical Resu	ts Reported Detection Limits
1,2-Dichloroethane-d4			87	0
4-Bromofluorobenzene			99	0

Toluene-d8

(

ytical results	Reported Detection
~-	
87	0
99	0
100	0

Accura Analytical Laboratory, Inc.

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 Samp	ole ID #: AB38583	Accura Project #: 15821
Client: Omega Env. S	ervices - Tucker	Date Sampled: 3/3/98
Client Contact: T. SH	EPPARD	Date Received: 3/4/98
Client Project Number:	DACA21-97-C-0042	Date Reported: 9/16/98
Client Project Name:	HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOIL
Client Sample ID:	METHOD BLANK	

ANALYSIS: BTEX I	by GC/MS		Me	ethod Ref: 8260B
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98 Re	sult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Benzene			<rdl< td=""><td>5</td></rdl<>	5
Ethyl benzene			<rdl< td=""><td>5</td></rdl<>	5
Toluene			<rdl< td=""><td>5</td></rdl<>	5
Xylenes			<rdl< td=""><td>5</td></rdl<>	5
ANALYSIS: Diesel F	Range Organic	s (DRO)	М	ethod Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/10/98 Re	sult Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Diesel Range Organics	s (DRO)		<rdl< td=""><td>10</td></rdl<>	10
ANALYSIS: Metals	- Mercury - Re	CRA	Me	ethod Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98 Re	sult Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	- RCRA		Me	ethod Ref: SW846 6010A
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98 Re	sult Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Arsenic			<rdl< td=""><td>5</td></rdl<>	5
Barium			<rdl< td=""><td>5</td></rdl<>	5
Cadmium			<rdl< td=""><td>0.5</td></rdl<>	0.5
Chromium			<rdl< td=""><td>5</td></rdl<>	5
Chronnum				<i>-</i>
Lead			<rdl< td=""><td>5</td></rdl<>	5
			<rdl <rdl <rdl< td=""><td>5</td></rdl<></rdl </rdl 	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Client Sample ID: METHOD BLANK

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ANALYSIS: PAH's			Meth	nod Ref: SW846 8270
Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/9/98 Resu	lt Units: ug/Kg
Analyte Name		•	Analytical Results	Reported Detection Limi
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			Meth	od Ref: 3550B/8082
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/9/98 Resul	lt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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			Meth	od Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/9/98 Resul	tt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
eta-BHC			<rdl< td=""><td>2</td></rdl<>	2
beta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
lelta-BHC			<rdl< td=""><td>2</td></rdl<>	2
iona"DITO				2

Client Sample ID: METHOD BLANK

AALSample ID #: AB38583 Accura Project #: 15821

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 Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:	
Analyte Name			Analytical Res	ults Reported Detection Limits	
TCLP Extraction			NA	0	
ANALYSIS: TCLP I	eachate Fluid	l pH		Method Ref: 1311	
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: pH Units	
Analyte Name			Analytical Res	ults Reported Detection Limits	
TCLP Leachate Fluid	эΗ		5.0	0	
ANALYSIS: TCLP N	1ercury	. <u> </u>		Method Ref: 7470A	
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/L	
Analyte Name			Analytical Res	ults Reported Detection Limits	
Mercury (Reg Limit =	0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1	
ANALYSIS: TCLP N	1etals		Method Ref: 3010A/6010B		
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/9/98	Result Units: mg/L	
Analyte Name		,	Analytical Res	ults Reported Detection Limits	
Arsenic (Reg Limit = 5	•		<rdl< td=""><td>1</td></rdl<>	1	
Barium (Reg Limit = 1	•		<rdl< td=""><td>1</td></rdl<>	1	
Cadmium (Reg Limit = Chromium (Reg Limit			<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1	
Lead (Reg Limit = 5.0)			<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1	
Selenium (Reg Limit =			<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1	
Silver (Reg Limit = 5.0	-		<rdl< td=""><td>1</td></rdl<>	1	
ANALYSIS: X Base Neutral QC Surrogates (Soils)				Method Ref: 3550B/8270C	
Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/9/98	Result Units: %	
Analyte Name			Analytical Res	ults Reported Detection Limits	
2-Fluorobiphenyl			75	0	
	ADOD ATODX 1			d Detection Limit Pa 40 of 54	

<RDL = Less than Reported Detection Limit

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AALSample ID #: AB38583 Accura Project #: 15821

Nitrobenzene-d5 p-Terphenyl-d14			71 80	0 0
p rospiosiji ur i			00	Ŭ
ANALYSIS: X DRO	QC Surrogate	s (Soil)	1	Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/10/98	Date Analyzed:	3/10/98	Result Units: %
Analyte Name			Analytical Results	Reported Detection Limits
o-Terphenyl			77	0
ANALYSIS: X_Pest/P	<u>'CB QC Surro</u>	gates	1	Method Ref: 3580A/8081
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/9/98 I	Result Units: %
Analyte Name			Analytical Results	Reported Detection Limits
Decachlorobiphenyl			94	0
m (11)				
Tetrachloro-m-xylene			72	0
·	QC Surrogate	s (Soils)		0 Aethod Ref: 8260B
ANALYSIS: X VOC	<u>QC Surrogate</u> 3/6/98	s (Soils) Date Analyzed:	И	-
ANALYSIS: X VOC			И	Method Ref: 8260B
ANALYSIS: X VOC			N 3/6/98 F	Method Ref: 8260B Result Units: %
ANALYSIS: X VOC Date Ext/Dig/Prep: Analyte Name			N 3/6/98 F Analytical Results	Method Ref: 8260B Result Units: % <u>Reported Detection Limits</u>

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 #: 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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: WATER
Client Sample ID: METHOD BLANK	

ANALYSIS: VOC's

ANALYSIS: VOC's				Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units: ug/L
Analyte Name			Analytical Result	s Reported Detection Limits
1,1,1-Trichloroethane			<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachloroetha	ne		<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 ethe	r		<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

Client Sample ID: METHOD BLANK

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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
•	102	5

ANALYSIS: X VOC (QC Surrogates	(Waters)		Method Ref:	5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units:	%
Analyte Name			Analytical Resul	lts <u>Re</u>	eported Detection Limits
1,2-Dichloroethane-d4			81		0
4-Bromofluorobenzene			86		0
Toluene-d8			92		0

Accura Analytical Laboratory, Inc.

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Client Sample ID: METHOD BLANK

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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 Samp	ole ID #: AB38585	Accura Project #: 15821
Client: Omega Env. S	ervices - Tucker	Date Sampled: 3/3/98
Client Contact: T. SH	EPPARD	Date Received: 3/4/98
Client Project Number:	DACA21-97-C-0042	Date Reported: 9/16/98
Client Project Name:	HUNTER AAF FIRE TRAINING AREA	Sample Matrix: WATER
Client Sample ID:	TRIP BLANK	

ANALYSIS: VOC'

ANALYSIS: VOC's				Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units: ug/L
Analyte Name			Analytical Result	Reported Detection Limits
1,1,1-Trichloroethane			<rdl< td=""><td>5</td></rdl<>	5
1,1,2,2-Tetrachloroetha	ne		<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 ethe	r		<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	e		<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

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	s (Waters)		Method Re	f: 5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Unit	s: %
Analyte Name			Analytical Resu	<u>lts J</u>	Reported Detection Limits
1,2-Dichloroethane-d4			86		0
4-Bromofluorobenzene			104		0
Toluene-d8			104		0

Accura Analytical Laboratory, Inc.

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Project Number: Project Name: Contact Phone #(9/2 Report Sent to: (Client Contact): Address: Company Name: Olega LAVIDAMente 0-5 50 EW-15-a EB-X0 EB-15 EM-7A EW-25-6 ∇ Sample ID # 7 Š Mafrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous) Samplers: (signature) Ŋ ჯ წ Χ Γ $\times 7$ ∞ Relifiquished By: 4661 Setinquished By 2 Howent 3/3/98 3/2/98 Date / Time 301515 \mathcal{N} 3/2/98 Ś 15-1-3/2/98 Sample 86/5/ 86/61 13/19 86181 Geographic Contract Ra. Q Comp Suite. Grab ${\cal N}$ 12-1 N Date / Time 3/3/19 Date / Time Fax # Sorva Matrix (12 JOING 6-0042 ACCURA ANALYTICAL LABORATORY, INC. Preserved S (BB) 1210 Sample Location: Ļ T werter, してつ Samplers: (printed) 1/az CHAIN OF CUSTODY ζ **Environmental Analytical Services** 7 leans A A 48008 Received By: 0 - 0Received By: Defar V ģ Containers S \mathcal{W} No. of \mathcal{N} S W \mathcal{W} W \mathcal{W} Ś ω Client P.O. # Sample Condition Custody Seal: Billing address: ANAL QC Level: N 9 4 3/4/98 Date / Time Date / Time Г 22 33 4 K 6000 10:00 For Laboratory Use Only z Phone # (770) 449-8800 6017 Financial Drive, Norcross, GA 30071 Special Requirements Or Remarks: Turnaround Time Requested: AAL Lab Project # Page Init/Temp: Remarks Fax # (770) 449-5477 ,f 15823 10C QF 13928 28549 **2029** 80% Sample ID No. AB 3855 055,82 58048 2500 2055 26222 8289 COC97-2.XLS Accura 9

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Environmental Analytical Services 6017 Einancial Drive, Norross, Offer CHAIN OF CUSTODY 6017 Einancial Drive, Norross, Offer CHAIN OF CUSTODY Phone # (770) 449-8800 Fax # (770) 449-880 Fax # (770) 449 Fax # (770) 449 <th colspa="</td"><td>a fired</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th>	<td>a fired</td> <td></td>	a fired											
Environmental Analytical Services 6017 Financial Drive, Norcoss, Drive, Norcoss, CHAIN OF CUSTODY MIN OF CUSTODY rhone # (770) 449-8800 Climar Linvien/Neurolas Client P.O. # Client Contact) Generative Linvien/Neurophy Client P.O. # Client Contact) Generative Linvien/Neurophy Financial Drive, Norcoss, True, Billing address: Client Contact) Generative Linvien/Neurophy Client P.O. # Sample Fax # (102) P.S Linvien Samplers: (printed) Sample True Samplers: (printed) Sample Condition: Contaction: Sample True Sample Location: Contaction: Sample Location: Contaction: Contaction: Contaction: Contaction: Contaction: Sample Location: Contaction: Contaction: Client Contaction: Contaction: Client Contaction: Client Contaction: Contaction: Client Contaction: Client Contaction: Client Contaction: Client Contaction: Client Contaction: Client Contaction:	atter actives												
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Environmental Analytical Services 6017 Financial Drive, Norcross, Environmental Analytical Services 6017 Financial Drive, Norcross, CHAIN OF CUSTODY Phone # (770) 449-8800 Fax # (770) (Integration: Contact): Generative Generativ	· and in the second		111	2 7 7		6				3/98	<u> </u>	EW-K	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		XWX	XX	XX					Matrix			Sample	
Environmental Analytical Services Environmental Analytical Services 6017 Financial Drive, Norcross, Chenge Linviter Mendbard Services, Line, Japage Billing address: Client Contact): Generative Services Client P.O. # Client Contact): Generative Services Forr Laboratory, Use, Only Client Contact): Fax # (012) 75-7-16-28 Custody Seali Y N Page Second Page Second Go (112) 75-7-16-78 Fax # (012) 75-7-16-78 Custody Seali Y N Page Second Second Forr Laboratory, Use, Only (112) 75-7-16-78 Sampler: (printed) Sample Condition Clevelt N 12 3 A Instr Temp: 9 4 (112) 75-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-	 				AND	, ,	- Shepper						
Environmental Analytical Services Environmental Analytical Services 6017 Financial Drive, Norcross, Offer CUSTODY Phone # (770) 449-8800 Fax # (770) Offer Custody Seal: Phone # (770) 449-8800 Fax # (770) Client P.O. # Client P.O. # Client P.O. # Client P.O. # For Laboratory Use Only OF August 2017 Financial Drive, Norcross, Client P.O. # Client P.O. # Client P.O. # Por Laboratory Use Only Introduces Fax # (1/2) 757 - 1608 Curody Seal! Y N Prage Q Q Introduces Fax # (1/2) 757 - 1608 August 2017 Colspan="2">Curody Seal! Y N Prage Q Q March 41 F. file Tabulug Heap Of Lie Condition August 2017 Financial Drive, Norcross, Colspan="2">Curody Seal! March 42 Sample Condition Colspan="2"				No contraction of the second s	žs	~	amplers: (printed)	ş			plers: (signature)	Sam	
			3		ample Oo		2	,000		221-9	aber: NAZ	Project Num	
Environmental Analytical Services 6017 Financial Drive, Norcross, CHAIN OF CUSTODY Phone # (770) 449-8800 Fax # (770) viten muted Services, Twe, Billing address: "MRI. And B Techer GI Pargy Client P.O. # Greeciences The Mark Styped For Laboratory Use Only			ມ; .; -	al: N N	Justody Se Monated Se	X	n Alan		Fax #	1-1006	$\frac{\#(W/2)}{2}$	Contact Pho Project Nam	
Name: Megy Environmental Analytical Services V Name: Megy Environmental Analytical Services V Name: Megy Environmental Analytical Services CHAIN OF CUSTODY Billing address: Held Hammentill Rd. Junited Techer 6A Jergy Client P.O. #		aboratory Use	For L			And the	Then is a	N N	deluco		to: (Client Cont	Report Sent	
Environmental Analytical Services 6017 Financial Drive, Norcross, CHAIN OF CUSTODY Phone # (770) 449-8800 Fax # (770) Integra Environmental Analytical Services 6017 Financial Drive, Norcross, Billing address:				#	lient P.O.	Ň	they but 32	B Ten	Junit 2	NIMUL Rd.	6	Address:	
6017 Financial Drive, Norcross, Phone # (770) 449-8800 Fax # (770			-		silling add	E	L 1	Price	nter	Envienna	\sim	Company N	
	ncial Drive, Norcross, GA 3007 49-8800 Fax # (770) 449-547	6017 Finat hone # (770) 4-	P		TODY								
				ľvni,	Services	al Analytical	Environment		ĥ		10 ¹⁰		

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

Project Number: <u>15822</u> Client Project: Hunter AAF Fire Training Area / DACA21-97-C-0042

The "J" flagged benzene values that have been reported for this project were calculated in the following manner:

The dilution data was checked for Benzene hits below the reporting limit. When Benzene was present, this value was multiplied by the appropriate correction factor, taking into account the weight of sample analyzed and the dilution factor.

Analyst

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

CASE NARRATIVE for Project Number: <u>15822-Revision</u> Client Project: Hunter AAF Fire Training Area / DACA21-97-C-0042

The following items were noted concerning this project:

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1. The following samples required dilution due to high analyte concentration, resulting in elevated detection limits:

<u>BTEX - SW</u>	<u> 7-846-8260A</u>	<u>-</u>				
Benzene -	EB-L5	EW-L5-A	EB-K8	EB-K7 EI	3-K6 EE	3-K4
Ethyl benzen	e - EB-L5	EW-L5-A	EB-K8	EB-K7	EB-K6	EB-K4
Toluene -	EB-K7	EB-K6				
Xylenes -	EB-L5	EB-K8 EB	-K7 EB	-K6		
Diesel Range	e Organics (I	<u> </u>	<u>5-8015</u>			
EB-L5 E	EW-L5-A	EW-L4	EB-K8	EB-K7	EB-K6	EB-K5
EB-K4 E	EW-K4					

2. The following samples required dilution due to matrix interference, resulting in elevated detection limits:

BTEX - S	<u>SW-846-8260A</u>					
Benzene -	EW-L5-B	EW-L4	EB-K5	EW-K4	EW-K4-2	X
Ethyl benz	ene - EW-L5	-B EW-L4	EB-K	5 EW-K4	EW-I	X4-X
Toluene -	EW-L5-B	EW-L5-A	EW-L4	EB-K8	EB-K5	EB-K4
	EW-K4	EW-K4-X				
Xylenes -	EW-L5-B	EW-L5-A	EW-L4	EB-K5	EB-K4	EW-K4
	EW-K4-X					
<u>PAH - SV</u>	<u> W-846-8270B</u>					
EB-L5	EW-L5-B	EW-L5-A	EW-L4	EB-K8	EB-K7	EB-K6
EB-K5	EB-K4	EW-K4	EW-K4-X			

3. The detection limits of the following samples were elevated due to matrix interference:

<u>Pest/PCB - SW-846-8081/2</u> EB-L5 EW-L5-B EW-L5-A EW-L4 EB-K8 EB-K7 EB-K6 EB-K5 EB-K4

4. One surrogate was outside the method specified limit for the following samples:

BTEX - SW-846-8260	<u>A</u>					
4-Bromofluorobenzene	-	EB-L5	EW-L5-A	EW-L4	EB-K8	EB-K7
	EB	-K6	EB-K5	EB-K4	EW-K4	EW-K4-X

<u>Pest/PCB - SW-846-8081/2</u> Decachlorobiphenyl - EW-L5-B EB-K7 EW-K4 EW-K4-X <u>PAH - SW-846-8270B</u> Nitrobenzene - EW-L5-B EB-K8 EB-K4

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

Diesel Range Organics (DRO) - SW-846-8015 EB-L5 EW-L5-A EW-L4 EB-K8 EB-K7 EB-K6 EB-K5 EB-K4

<u>PAH - SW-846-8270B</u> EB-5 EW-L5-A EB-K7

6. The DRO hits in the following samples appear to be light hydrocarbons such as kerosene:

EB-L5 EW-L5-A EW-L4 EB-K5 EB-K4 EW-K4 EW-K4-X

- 7. The DRO hit in sample EW-L5-B appears to be a heavy hydrocarbon such as motor oil.
- 8. The DRO hits in the following samples appear to be a mixture of hydrocarbons that are heavier and lighter than diesel fuel:

EB-K8 EB-K7 EB-K6

9. Benzene hits below the reporting limit have been "J" flagged, indicating that they are estimated values.

Quality Assurance

Client Services Representa

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477FL Certification # E87429NC Certification # 483SC Certification # 98015USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38546	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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOILS
Client Sample ID: EB-L5	

ANALYSIS: BTEX by	GC/MS			Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units: ug/L
Analyte Name			Analytical Resu	ts Reported Detection Limits
Benzene			1,200	250
Ethyl benzene			9,400	250
Toluene			<rdl< td=""><td>250</td></rdl<>	250
Xylenes			960	250
ANALYSIS: Diesel Ra	ange Organics	(DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
Diesel Range Organics	(DRO)		12,000	2000
ANALYSIS: Metals -	Mercury - RC	RA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Date Ext/Dig/Prep: <u>Analyte Name</u>	3/9/98	Date Analyzed:	3/6/98 <u>Analytical Resul</u>	Result Units: mg/Kg
· ·	3/9/98	Date Analyzed:		Result Units: mg/Kg
<u>Analyte Name</u> Arsenic Barium	3/9/98	Date Analyzed:	Analytical Result <rdl 9.9</rdl 	Result Units: mg/Kg ts <u>Reported Detection Limits</u> 5 5
<u>Analyte Name</u> Arsenic Barium Cadmium	3/9/98	Date Analyzed:	Analytical Resul <rdl 9.9 <rdl< td=""><td>Result Units: mg/Kg ts <u>Reported Detection Limits</u> 5 5 0.5</td></rdl<></rdl 	Result Units: mg/Kg ts <u>Reported Detection Limits</u> 5 5 0.5
Analyte Name Arsenic Barium Cadmium Chromium	3/9/98	Date Analyzed:	Analytical Result <rdl 9.9 <rdl <rdl< td=""><td>Result Units: mg/Kg ts <u>Reported Detection Limits</u> 5 5 0.5 5 5</td></rdl<></rdl </rdl 	Result Units: mg/Kg ts <u>Reported Detection Limits</u> 5 5 0.5 5 5
Analyte Name Arsenic Barium Cadmium Chromium Lead	3/9/98	Date Analyzed:	Analytical Result <rdl 9.9 <rdl <rdl 9.7</rdl </rdl </rdl 	Result Units: mg/Kg ts Reported Detection Limits 5 5 0.5 5 5 5 5 5 5 5
Analyte Name Arsenic Barium Cadmium Chromium	3/9/98	Date Analyzed:	Analytical Result <rdl 9.9 <rdl <rdl< td=""><td>Result Units: mg/Kg ts <u>Reported Detection Limits</u> 5 5 0.5 5 5</td></rdl<></rdl </rdl 	Result Units: mg/Kg ts <u>Reported Detection Limits</u> 5 5 0.5 5 5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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AALSample ID #: AB38546 Accura Project #: 15822

Date Ext/Dig/Prep:	3/23/98	Date Analyzed:	3/20/98 1	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
1-Methylnaphthalene			35,000	6600
2-Methylnaphthalene			47,000	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			36,000	6600
Phenanthrene			<rdl< td=""><td>6600</td></rdl<>	6600
Pyrene			<rdl< td=""><td>6600</td></rdl<>	6600
ANALYSIS: PCB's	·		1	Method Ref: 3550B/8082
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98 H	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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			Ĩ	Method Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98 H	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
4,4'-DDD			15	2
4,4'-DDE			24	2
4,4'-DDT			<rdl< td=""><td>10</td></rdl<>	10
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

Client Sample ID: EB-L5

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AALSample ID #: AB38546 Accura Project #: 15822

Dieldrin	<rdl< th=""><th>2</th></rdl<>	2
Endosulfan sulfate	<rdl< td=""><td>2</td></rdl<>	2
Endrin	<rdl< td=""><td>4</td></rdl<>	4
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>40</td></rdl<>	40
Toxaphene	<rdl< td=""><td>60</td></rdl<>	60

ANALYSIS: TCLP E	xtraction Pro	cedure		Method Ref:	1311
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:	
Analyte Name			Analytical Res	<u>ults Re</u>	ported Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLP M	<u>lercury</u>	<u>_</u> _	·	Method Ref:	7470A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units:	mg/L
Analyte Name			Analytical Rest	<u>ilts Re</u>	ported Detection Limits
Mercury (Reg Limit =	0.2)		<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
ANALYSIS: TCLP M	<u>1etals</u>			Method Ref:	3010A/6010B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	mg/L
Analyte Name			Analytical Rest	<u>ilts Re</u>	ported Detection Limits
Arsenic (Reg Limit = 5	.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Barium (Reg Limit $= 1$	00.0)		1.1		1
Cadmium (Reg Limit =	= 1.0)		<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 = 5.0))		<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 = 5.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
ANALYSIS: X Base	Neutral QC S	urrogates (Soils)		Method Ref:	3550B/8270C
Date Ext/Dig/Prep:	3/23/98	Date Analyzed:	3/20/98	Result Units:	%
Analyte Name			Analytical Rest	<u>ilts Re</u>	ported Detection Limits
2-Fluorobiphenyl			See narrat	ive	0
Nitrobenzene-d5			See narrat	ive	0
p-Terphenyl-d14			See narrat	ive	0

Client Sample ID: EB-L5

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<u>ANALYSIS: X DRO (</u>	OC Surrogates	(Soil)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units: %
Analyte Name			Analytical Resul	Its Reported Detection Limits
o-Terphenyl			See narrati	ve 0
ANALYSIS: X_Pest/Pe	CB QC Surrog	ates		Method Ref: 3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
Decachlorobiphenyl			51	0
Tetrachloro-m-xylene			77	· 0
<u>ANALYSIS: X VOC (</u>	C Surrogates	(Waters)		Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units: %
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
1,2-Dichloroethane-d4			106	0
4-Bromofluorobenzene			200	0
Toluene-d8			111	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 Samp	le ID #: AB38547	Accura Project #: 15822		
Client: Omega Env. S	ervices – Tucker	Date Sampled: 3/3/98		
Client Contact: T. SHI	EPPARD	Date Received: 3/4/98		
Client Project Number:	DACA21-97-C-0042	Date Reported: 9/16/98		
Client Project Name:	HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOILS		
Client Sample ID:	EW-L5-B			
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<u>ANALYSIS: BTEX b</u>	y GC/MS	<u>.</u>		Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units: ug/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Benzene			60 J	250
Ethyl benzene			<rdl< td=""><td>250</td></rdl<>	250
Toluene			<rdl< td=""><td>250</td></rdl<>	250
Xylenes			<rdl< td=""><td>250</td></rdl<>	250
ANALYSIS: Diesel R	ange Organic	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
Diesel Range Organics	(DRO)		25	10
ANALYSIS: Metals - Mercury - RCRA				Method Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
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

Date Ext/Dig/Prep:	3/23/98	Date Analyzed:	3/20/98 Resu	ılt 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			Meth	nod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98 Resu	ılt 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			Meth	nod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98 Resu	llt 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>40</td></rdl<>	40
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
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ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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AALSample ID #: AB38547 Accura Project #: 15822

Dieldrin	10	2
Endosulfan sulfate	<rdl< td=""><td>4</td></rdl<>	4
Endrin	<rdl< td=""><td>4</td></rdl<>	4
Endrin aldehyde	<rdl< td=""><td>4</td></rdl<>	4
gamma-BHC	<rdl< td=""><td>2</td></rdl<>	2
Heptachlor	<rdl< td=""><td>20</td></rdl<>	20
Heptachlor epoxide	<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor	<rdl< td=""><td>200</td></rdl<>	200
Total Chlordane (Technical)	<rdl< td=""><td>20</td></rdl<>	20
Toxaphene	<rdl< td=""><td>60</td></rdl<>	60

ANALYSIS: TCLP Ext	raction Proce	edure		Method Ref: 1311	
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:	
Analyte Name			Analytical Resul	ts Reported Detection Limits	
TCLP Extraction	t		NA	0	
	1.1.1				
ANALYSIS: TCLP Mercury			Method Ref: 7470A		
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/L	
Analyte Name			Analytical Resul	ts Reported Detection Limits	
Mercury (Reg Limit = 0.2	2)		<rdl< td=""><td>0.1</td></rdl<>	0.1	
ANALYSIS: TCLP Me	tals			Method Ref: 3010A/6010B	

Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	mg/L
Analyte Name			Analytical Resul	lts <u>Rer</u>	oorted Detection Limits
Arsenic (Reg Limit = 5.	.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Barium (Reg Limit = 10	00.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Cadmium (Reg Limit =	1.0)		<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 = 5.0)			<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 $= 5.0$))		<rdl< td=""><td></td><td>1</td></rdl<>		1

ANALYSIS: X Base Neutral QC Surrogates (Soils)				Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/23/98	Date Analyzed:	3/20/98	Result Units: %
Analyte Name			Analytical Result	<u>s</u> <u>Reported Detection Limits</u>
2-Fluorobiphenyl			54	0
Nitrobenzene-d5			18	0
p-Terphenyl-d14			62	0

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QC Surrogates	(Soil)		Method Ref: 3550B/8015B
3/20/98	Date Analyzed:	3/19/98	Result Units: %
		Analytical Resul	Reported Detection Limits
		98	0
CB QC Surrog	ates		Method Ref: 3580A/8081
3/14/98	Date Analyzed:	3/12/98	Result Units: %
		Analytical Resul	Reported Detection Limits
		163	0
		94	0
QC Surrogates	(Waters)		Method Ref: 5030B/8260B
3/11/98	Date Analyzed:	3/11/98	Result Units: %
		Analytical Result	<u>Reported Detection Limits</u>
		100	0
		108	0
		99	0
	3/20/98 <u>CB QC Surrog</u> 3/14/98 <u>QC Surrogates</u>	<u>CB QC Surrogates</u> 3/14/98 Date Analyzed: <u>QC Surrogates (Waters)</u>	3/20/98 Date Analyzed: 3/19/98 Analytical Result 98 CB QC Surrogates 3/14/98 Date Analyzed: 3/12/98 Analytical Result 163 94 QC Surrogates (Waters) 3/11/98 Date Analyzed: 3/11/98 Analytical Result 100 108

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 #: AB38548	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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	A Sample Matrix: SOILS
Client Sample ID: EW-L5-A	

ANALYSIS: BTEX by	y GC/MS			Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units: ug/L
Analyte Name			Analytical Resu	Its <u>Reported Detection Limits</u>
Benzene			450	250
Ethyl benzene			1,500	250
Toluene			<rdl< td=""><td>250</td></rdl<>	250
Xylenes			<rdl< td=""><td>250</td></rdl<>	250
ANALYSIS: Diesel Range Organics (DRO)				Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units: mg/Kg
Analyte Name			Analytical Resu	Its <u>Reported Detection Limits</u>
Diesel Range Organics	(DRO)		2,800	200
ANALYSIS: Metals - Mercury - RCRA			Method Ref: 7471A	
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Date Date Dig Trop.	5/0/20	Duto Hudyzou.	510190	Rosun Onna, ingris
Analyte Name			Analytical Resu	ts Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals - RCRA			Method Ref: SW846 6010A	
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Resu	ts Reported Detection Limits
Arsenic			<rdl< td=""><td>. 5</td></rdl<>	. 5
Barium			12	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

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<RDL = Less than Reported Detection Limit

Date Ext/Dig/Prep:	3/22/98	Date Analyzed:	3/20/98 Rest	ult Units: ug/Kg
	0.122.70		3,20,70 100	
Analyte Name			Analytical Results	Reported Detection Limit
1-Methylnaphthalene			15,000	6600
2-Methylnaphthalene			<rdl< td=""><td>6600</td></rdl<>	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			<rdl< td=""><td>6600</td></rdl<>	6600
Phenanthrene			<rdl< td=""><td>6600</td></rdl<>	6600
Pyrene			<rdl< td=""><td>6600</td></rdl<>	6600
ANALYSIS: PCB's			Method Ref: 3550B/8082	
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98 Rest	ılt 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: 3550B/8081A		
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98 Resu	ılt Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
4,4'-DDD			6.2	2
4,4'-DDE			9.5	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>$\frac{2}{2}$</td></rdl<>	$\frac{2}{2}$
beta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
delta-BHC			<rdl< td=""><td>2</td></rdl<>	2

<RDL = Less than Reported Detection Limit

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AALSample ID #: AB38548 Accura Project #: 15822

Dieldrin	<rdl< th=""><th>2</th></rdl<>	2
Endosulfan sulfate	<rdl< td=""><td>4</td></rdl<>	4
Endrin	<rdl< td=""><td>2</td></rdl<>	2
Endrin aldehyde	<rdl< td=""><td>4</td></rdl<>	4
gamma-BHC	<rdl< td=""><td>4</td></rdl<>	4
Heptachlor	<rdl< td=""><td>20</td></rdl<>	20
Heptachlor epoxide	<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor	<rdl< td=""><td>100</td></rdl<>	100
Total Chlordane (Technical)	<rdl< td=""><td>20</td></rdl<>	20
Toxaphene	<rdl< td=""><td>40</td></rdl<>	40

ANALYSIS: TCLP Extraction Procedure		Method Ref: 1311	
Date Ext/Dig/Prep: 3/5	Date Analyzed:	3/5/98 Res	sult Units:
Analyte Name		Analytical Results	Reported Detection Limits
TCLP Extraction		NA	0
ANALYSIS: TCLP Mercur	V 7	Me	thod Ref: 7470A
Date Ext/Dig/Prep: 3/6	/98 Date Analyzed:	3/6/98 Res	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	thod Ref: 3010A/6010B
Date Ext/Dig/Prep: 3/11	/98 Date Analyzed:	3/10/98 Res	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 = 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 Base Neutral QC Surrogates (Soils)		Me	thod Ref: 3550B/8270C
Date Ext/Dig/Prep: 3/22	/98 Date Analyzed:	3/20/98 Res	sult Units: %
Analyte Name		Analytical Results	Reported Detection Limits
	1	<u>_</u>	

See narrative

See narrative

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Nitrobenzene-d5

p-Terphenyl-d14

ANALYSIS: X DRO QC Surrogates (Soil)			Method Ref: 3550B/8015B	
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units: %
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
o-Terphenyl			See narrati	/e 0
ANALYSIS: X Pest/Pe	CB QC Surrog	ates		Method Ref: 3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
Decachlorobiphenyl			62	0
Tetrachloro-m-xylene			97	0
ANALYSIS: X VOC QC Surrogates (Waters)				Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units: %
Analyte Name			Analytical Resul	Reported Detection Limits
1,2-Dichloroethane-d4			109	0
4-Bromofluorobenzene			165	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 #: AB38549	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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOILS
Client Sample ID: EW-L4	
ANALVSIS, BTEX by CC/MS	Method Ref: 5030B/8260B

<u>ANALYSIS:</u> BTEX I	oy GC/MS			Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units: ug/L
Analyte Name			Analytical Results	Reported Detection Limits
Benzene			100 J	250
Ethyl benzene			<rdl td="" ·<=""><td>250</td></rdl>	250
Toluene			<rdl< td=""><td>250</td></rdl<>	250
Xylenes			<rdl< td=""><td>250</td></rdl<>	250
ANALYSIS: Diesel R	ange Organic	es (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Diesel Range Organics	(DRO)		11,000	2000
ANALYSIS: Metals - Mercury - RCRA]	Method Ref: 7471A	
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA]	Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Results	Reported Detection Limits
Arsenic			<rdl< td=""><td>5</td></rdl<>	5
Barium			8.9	5
Cadmium			<rdl< td=""><td>0.5</td></rdl<>	0.5
Chromium			<rdl< td=""><td>5</td></rdl<>	5
Lead			10	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

Date Ext/Dig/Prep:	3/22/98	Date Analyzed:	3/20/98	Result Units: ug/Kg
Analyte Name			Analytical Result	s Reported Detection Lim
1-Methylnaphthalene			8,200	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 <rdl< td=""><td></td></rdl<></rdl 	
Fluoranmene Fluorene			<rdl <rdl< td=""><td>3300 3300</td></rdl<></rdl 	3300 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: 3550B/8082
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units: ug/Kg
Analyte Name			Analytical Results	s Reported Detection Limi
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: 3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limi
4,4'-DDD			12	2
4,4'-DDE			12	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
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
peta-BHC			<rdl< td=""><td>4</td></rdl<>	4
oeta-Endosulfan			<rdl< td=""><td>. 2</td></rdl<>	. 2
			-11212	£.

Client Sample ID: EW-L4

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AALSample ID #: AB38549 Accura Project #: 15822

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>20</td></rdl<>	20
Heptachlor epoxide	<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor	<rdl< td=""><td>100</td></rdl<>	100
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 Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:
Analyte Name			Analytical Res	ults Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP M	lercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/L
Analyte Name			Analytical Res	Ilts Reported Detection Limits
Mercury (Reg Limit =	0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLP M	Tetals			Method Ref: 3010A/6010B
	Iotuio	,		Method Ker, JUIOA/0010D
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: mg/L
		Date Analyzed:	3/10/98 Analytical Rest	Result Units: mg/L
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:		Result Units: mg/L
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	Analytical Resu	Result Units: mg/L <u>lts Reported Detection Limits</u>
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5	3/11/98 (.0) (00.0)	Date Analyzed:	Analytical Rest <rdl< td=""><td>Result Units: mg/L <u>ilts Reported Detection Limits</u> 1</td></rdl<>	Result Units: mg/L <u>ilts Reported Detection Limits</u> 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 1)	3/11/98 (.0) (00.0) = 1.0)	Date Analyzed:	Analytical Rest <rdl <rdl< td=""><td>Result Units: mg/L <u>ilts Reported Detection Limits</u> 1</td></rdl<></rdl 	Result Units: mg/L <u>ilts Reported Detection Limits</u> 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 1 Cadmium (Reg Limit =	3/11/98 (.0) (00.0) (= 1.0) (= 5.0)	Date Analyzed:	Analytical Rest <rdl <rdl <rdl< td=""><td>Result Units: mg/L <u>lts Reported Detection Limits</u> 1 1 1 1</td></rdl<></rdl </rdl 	Result Units: mg/L <u>lts Reported Detection Limits</u> 1 1 1 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 1 Cadmium (Reg Limit = Chromium (Reg Limit = Lead (Reg Limit = 5.0) Selenium (Reg Limit =	3/11/98 (.0) (00.0) = 1.0) = 5.0) (1.0)	Date Analyzed:	Analytical Rest <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: mg/L <u>lts Reported Detection Limits</u> 1 1 1 1</td></rdl<></rdl </rdl </rdl </rdl 	Result Units: mg/L <u>lts Reported Detection Limits</u> 1 1 1 1
Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 5 Barium (Reg Limit = 1 Cadmium (Reg Limit = Chromium (Reg Limit = Lead (Reg Limit = 5.0)	3/11/98 (.0) (00.0) = 1.0) = 5.0) (1.0)	Date Analyzed:	Analytical Rest <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>Result Units: mg/L <u>lts Reported Detection Limits</u> 1 1 1 1</td></rdl<></rdl </rdl </rdl </rdl </rdl 	Result Units: mg/L <u>lts Reported Detection Limits</u> 1 1 1 1

Date Ext/Dig/Prep:	3/22/98	Date Analyzed:	3/20/98 F	Result Units: %
Analyte Name			Analytical Results	Reported Detection Limits
2-Fluorobiphenyl			74	0
Nitrobenzene-d5			119	0
p-Terphenyl-d14			70	0

ANALYSIS: X DRO	QC Surrogates	(Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
o-Terphenyl			See narrativ	ve	0
ANALYSIS: X Pest/Pe	<u>CB QC Surrog</u>	ates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
Decachlorobiphenyl			52		0
Tetrachloro-m-xylene			94		0
ANALYSIS: X VOC (QC Surrogates	(Waters)		Method Ref:	5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
1,2-Dichloroethane-d4			111		0
4-Bromofluorobenzene			215		0
Toluene-d8			116		0
Toluene-d8			116		U

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

		2112010110			
Accura Sam	ple ID #: A	AB38550	Ac	cura Project	#: 15822
Client: Omega Env. S	Services - Tuc	ker		Date	e Sampled: 3/3/98
Client Contact: T. SHEPPARD			Date	e Received: 3/4/98	
Client Project Number:	DACA21-92	7-C-0042		Date	e Reported: 9/16/98
Client Project Name:	HUNTER A	AF FIRE TRAININ	GAREA Sample Matrix: SOILS		
Client Sample ID:	EB-K8				
ANALYSIS: BTEX b	y GC/MS			Method Ref:	5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units:	ug/L
Analyte Name			Analytical Res	sults <u>Re</u>	ported Detection Limits
Benzene			1,400		250
Ethyl benzene			12,000		500
Toluene			<rdl< td=""><td></td><td>250</td></rdl<>		250
Xylenes			44,000		500
ANALYSIS: Diesel R	ange Organic	s (DRO)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units:	mg/Kg
Analyte Name			Analytical Res	sults <u>Re</u>	ported Detection Limits

Diesel Range Organics (DRO)

ANALYSIS: Metals - Mercury - RCRA				Method Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Res	Its Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5

1,800

ANALYSIS: Metals -	RCRA		Method Ref: SW846 6010A		
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98	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	

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<RDL = Less than Reported Detection Limit

<RDL

5

200

Silver

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AALSample ID #: AB38550 Accura Project #: 15822

Date Ext/Dig/Prep:	3/22/98	Date Analyzed:	3/20/98 Re	sult Units: ug/Kg
	5122190	Date Finary200.	<i>372019</i> 0 Ro.	suit Ollits. ug/ixg
Analyte Name			Analytical Results	Reported Detection Limit
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
, yrono			400	5500
ANALYSIS: PCB's			Ме	thod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98 Res	ult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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
NALYSIS: Pesticides			Me	thod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98 Res	ult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
I,4'-DDD			<rdl< td=""><td>2</td></rdl<>	2
,4'-DDE			<rdl< td=""><td>2</td></rdl<>	2
,4'-DDT			<rdl< td=""><td>20</td></rdl<>	20
Aldrin			<rdl< td=""><td>2</td></rdl<>	2
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
eta-BHC			<rdl <rdl< td=""><td>4</td></rdl<></rdl 	4
eta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
elta-BHC			<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
vita"DIIC			~KDL	2

Client Sample ID: EB-K8

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AALSample ID #: AB38550 Accura Project #: 15822

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>20</td></rdl<>	20
Heptachlor epoxide	<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor	<rdl< td=""><td>100</td></rdl<>	100
Total Chlordane (Technical)	<rdl< td=""><td>20</td></rdl<>	20
Toxaphene	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: TCLP E	traction Proc	edure		Method Ref: 1311
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:
Analyte Name			Analytical Resu	Its Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP M	ercurv			Method Ref: 7470A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/L
Analyte Name			Analytical Resu	Its Reported Detection Limits
Mercury (Reg Limit = 0	.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANAI VOIC. TOT D BA	otolo			Method Ref: 3010A/6010B
ANALYSIS: TCLP M				
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: mg/L
Analyte Name			Analytical Resul	Its Reported Detection Limits
Arsenic (Reg Limit = 5.	0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit = 10	0.0)		<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 Base 1	leutral QC Su	rrogates (Soils)		Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/22/98	Date Analyzed:	3/20/98	Result Units: %
				-

Analyte Name	Analytical Results	Reported Detection Limits
2-Fluorobiphenyl	85	0
Nitrobenzene-d5	128	0
p-Terphenyl-d14	77	0

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ANALYSIS: X DRO	QC Surrogates	<u>(Soil)</u>		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units:	%
Analyte Name			Analytical Resu	lts <u>Re</u>	ported Detection Limits
o-Terphenyl			See narrati	ve	0
ANALYSIS: X Pest/P	CB QC Surrog	ates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
Decachlorobiphenyl			49		0
Tetrachloro-m-xylene			88		0
ANALYSIS: X VOC	OC Surrogates	(Waters)		Method Ref:	5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
1,2-Dichloroethane-d4			117		0
4-Bromofluorobenzene			141		0
Toluene-d8			100		0

Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

Client Sample ID: EB-K8

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Samp	le ID #: AB38551	Accura Project #: 15822
Client: Omega Env. S	ervices - Tucker	Date Sampled: 3/3/98
Client Contact: T. SH	EPPARD	Date Received: 3/4/98
Client Project Number:	DACA21-97-C-0042	Date Reported: 9/16/98
Client Project Name:	HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOILS
Client Sample ID:	EB-K7	
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ANALYSIS: BTEX b	y GC/MS	<u></u>		Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units: ug/L
Analyte Name			Analytical Resul	<u>Reported Detection Limits</u>
Benzene			6,900	250
Ethyl benzene			47,000	2500
Toluene			32,000	2500
Xylenes			230,000	2500
ANALYSIS: Diesel R	ange Organic	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units: mg/Kg
Analyte Name			Analytical Result	s <u>Reported Detection Limits</u>
Diesel Range Organics	(DRO)		8,000	2000
ANALYSIS: Metals -	Mercury - RC	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Result	s <u>Reported Detection Limits</u>
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Result	s 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

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<RDL = Less than Reported Detection Limit

Date Ext/Dig/Prep:	3/22/98	Date Analyzed:	3/20/98 Re	sult Units: ug/Kg
Date Ext/Dig/Tep.	5144190	Date Analyzed.	5/20/98 Re	sun onns. ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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
ndeno(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			Me	ethod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98 Re	sult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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			Me	ethod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:		sult Units: ug/Kg
Analyte Name		•	Analytical Results	Reported Detection Limit
4,4'-DDD			<rdl< td=""><td>2</td></rdl<>	2
1,4'-DDD 1,4'-DDE			<rdl <rdl< td=""><td>2</td></rdl<></rdl 	2
•			<rdl <rdl< td=""><td>20</td></rdl<></rdl 	20
,4'-DDT				
Aldrin			<rdl< td=""><td>2</td></rdl<>	2
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
eta-BHC			<rdl .<="" td=""><td>2</td></rdl>	2
eta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
lelta-BHC			<rdl< td=""><td>2</td></rdl<>	2

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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>20</td></rdl<>	20
Heptachlor epoxide	<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor	<rdl< td=""><td>100</td></rdl<>	100
Total Chlordane (Technical)	<rdl< td=""><td>40</td></rdl<>	40
Toxaphene	<rdl< td=""><td>60</td></rdl<>	60

ANALYSIS: TCLP E	xtraction Proc	edure		Method Ref: 1311
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:
Analyte Name			Analytical Resu	Its <u>Reported Detection Limits</u>
TCLP Extraction			NA	0
ANALYSIS: TCLP M	ercury	<u>-</u>		Method Ref: 7470A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/L
Analyte Name			Analytical Resu	lts <u>Reported Detection Limits</u>
Mercury (Reg Limit = 0).2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLP M	etals			Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	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 = 10	0.0)		<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Limit =			<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 =			<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit $= 5.0$))		<rdl< td=""><td>1</td></rdl<>	1
ANALYSIS: X Base N	Neutral QC Su	rrogates (Soils)		Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/22/98	Date Analyzed:	3/20/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits

2-Fluorobiphenyl Nitrobenzene-d5 p-Terphenyl-d14

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See narrative

See narrative

See narrative

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AALSample ID #: AB38551 Accura Project #: 15822

ANALYSIS: X DRO	QC Surrogates	(Soil)		Method Ref: 3550B/8015B	
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units: %	
Analyte Name			Analytical Resul	s <u>Reported Detection</u>	<u>ı Limits</u>
o-Terphenyl			See narrati	e 0	
ANALYSIS: X Pest/Pe	CB QC Surrog	ates		Method Ref: 3580A/8081	
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units: %	
Analyte Name			Analytical Resul	<u>s</u> <u>Reported Detection</u>	<u>Limits</u>
Decachlorobiphenyl			27	0	
Tetrachloro-m-xylene			98	0	
ANALYSIS: X VOC (C Surrogates	(Waters)		Method Ref: 5030B/8260B	
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units: %	
Analyte Name			Analytical Resul	s <u>Reported Detection</u>	<u>Limits</u>
1,2-Dichloroethane-d4			119	0	
4-Bromofluorobenzene			159	0	
Toluene-d8			101	0	

Accura Analytical Laboratory, Inc.

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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 #: 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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOILS
Client Sample ID: EB-K6	

ANALYSIS: BTEX b	y_GC/MS			Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units: ug/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Benzene			1,300	250
Ethyl benzene			13,000	250
Toluene			370	250
Xylenes			13,000	250
ANALYSIS: Diesel R	ange Organic	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units: mg/Kg
	0.2010 0	2	511717 6	Noun chill mgrig
Analyte Name			Analytical Result	<u>Reported Detection Limits</u>
Diesel Range Organics	(DRO)		2,100	200
ANALYSIS: Metals -	Mercury - R	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Result	s Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Result	s 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

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Date Ext/Dig/Prep:	3/22/98	Data Analarada	2/20/09	De ault I la itae	nell'e
Date Ext/Dig/Prep:	3122198	Date Analyzed:	3/20/98	Result Units:	ug/Kg
Analyte Name			Analytical Result	<u>ts Re</u>	ported Detection Limi
1-Methylnaphthalene			10,000		3300
2-Methylnaphthalene			<rdl< td=""><td></td><td>3300</td></rdl<>		3300
Acenaphthene			<rdl< td=""><td></td><td>3300</td></rdl<>		3300
Acenaphthylene			<rdl< td=""><td></td><td>3300</td></rdl<>		3300
Anthracene			<rdl< td=""><td></td><td>3300</td></rdl<>		3300
Benzo(a)anthracene			<rdl< td=""><td></td><td>3300</td></rdl<>		3300
Benzo(a)pyrene			<rdl< td=""><td></td><td>3300</td></rdl<>		3300
Benzo(b)fluoranthene			<rdl< td=""><td></td><td>3300</td></rdl<>		3300
Benzo(g,h,i)perylene			<rdl< td=""><td></td><td>3300</td></rdl<>		3300
Benzo(k)fluoranthene			<rdl< td=""><td></td><td>3300</td></rdl<>		3300
Chrysene			<rdl< td=""><td></td><td>3300</td></rdl<>		3300
Dibenzo(a,h)anthracene			<rdl< td=""><td></td><td>3300</td></rdl<>		3300
Fluoranthene			<rdl< td=""><td></td><td>3300</td></rdl<>		3300
Fluorene			<rdl< td=""><td></td><td>3300</td></rdl<>		3300
Indeno(1,2,3-cd)pyrene			<rdl< td=""><td></td><td>3300</td></rdl<>		3300
Naphthalene			<rdl< td=""><td></td><td>3300</td></rdl<>		3300
Phenanthrene			<rdl< td=""><td></td><td>3300</td></rdl<>		3300
Pyrene			<rdl< td=""><td></td><td>3300</td></rdl<>		3300
ANALYSIS: PCB's	2/14/00		2/10/00	Method Ref:	
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units:	ug/Kg
Analyte Name			Analytical Result	ts <u>Re</u>	ported Detection Limit
PCB-1016			<rdl< td=""><td></td><td>20</td></rdl<>		20
PCB-1221			<rdl< td=""><td></td><td>80</td></rdl<>		80
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
ANALYSIS: Pesticides				Method Ref:	3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units:	ug/Kg
Analyte Name			Analytical Result	t <u>s Re</u>	ported Detection Limit
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>20</td></rdl<>		20
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
			~******		-
beta-Endosulfan			<rdl< td=""><td>•</td><td>2</td></rdl<>	•	2

<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>20</td></rdl<>	20
Heptachlor epoxide	<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor	<rdl< td=""><td>100</td></rdl<>	100
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 Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:	
Analyte Name			Analytical Re	sults <u>Re</u> r	ported Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLP M	lercury			Method Ref:	7470A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units:	mg/L
Analyte Name			Analytical Res	sults Rep	ported Detection Limits
Mercury (Reg Limit =	0.2)		<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
ANALYSIS: TCLP N	letals			Method Ref:	3010A/6010B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units:	mg/L
Analyte Name			Analytical Res	sults Rep	oorted Detection Limits
Arsenic (Reg Limit = 5	.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Barium (Reg Limit = 10	00.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Cadmium (Reg Limit =	• 1.0)		<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 = 5.0)			<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 = 5.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
ANALYSIS: X Base Neutral QC Surrogates (Soils)			Method Ref:	3550B/8270C	
Date Ext/Dig/Prep:	3/22/98	Date Analyzed:	3/20/98	Result Units:	%
Analyte Name			Analytical Res	ults <u>Rep</u>	orted Detection Limits
2-Fluorobiphenyl			82		0
Nituahannan dE			05		0

95

78

0

0

Nitrobenzene-d5 p-Terphenyl-d14

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ANALYSIS: X DRO	C Surrogates	(Soil)		Method Ref: 3	550B/8015B
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Repo</u>	orted Detection Limits
o-Terphenyl			See narrativ	/e	0
ANALYSIS: X Pest/P	CB QC Surrog	ates		Method Ref: 3	580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units:	%
Analyte Name			Analytical Resul	<u>Repo</u>	orted Detection Limits
Decachlorobiphenyl			49		0
Tetrachloro-m-xylene			88		0
ANALYSIS: X VOC (OC Surrogates	(Waters)		Method Ref: 5	030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units:	%
Analyte Name			Analytical Resul	<u>s Repo</u>	orted Detection Limits
1,2-Dichloroethane-d4			112		0
4-Bromofluorobenzene			138		0
Toluene-d8			91		0

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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: 9/22/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOILS
Client Sample ID: EB-K5	

<u>ANALYSIS:</u> BTEX b	y GC/MS			Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units: ug/L
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
Benzene			89 J	250
Ethyl benzene			<rdl< td=""><td>250</td></rdl<>	250
Toluene			<rdl< td=""><td>250</td></rdl<>	250
Xylenes			<rdl< td=""><td>250</td></rdl<>	250
ANALYSIS: Diesel R	ange Organic:	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Diesel Range Organics	(DRO)		1,400	200
ANALYSIS: Metals -	<u>Mercury - RC</u>	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Result	s 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			5.8	5
Lead			11	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

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AALSample ID #: AB38553 Accura Project #: 15822

Date Ext/Dig/Prep:	3/23/98	Date Analyzed:	3/20/98 F	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 <rdl< td=""><td>3300</td></rdl<></rdl 	3300
Fluoranthene			<rdl< td=""><td>3300</td></rdl<>	3300
Fluorene			<rdl <rdl< td=""><td>3300</td></rdl<></rdl 	3300
Indeno(1,2,3-cd)pyrene			<rdl< td=""><td>3300</td></rdl<>	3300
				3300
Naphthalene Phenanthrene			11,000	3300
			<rdl< td=""><td></td></rdl<>	
Pyrene			<rdl< td=""><td>3300</td></rdl<>	3300
ANALYSIS: PCB's			Ν	Aethod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98 R	lesult 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			Ν	fethod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98 R	esult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limits
4,4'-DDD			8.5	2
1,4'-DDE			19	2
1,4'-DDT			<rdl< td=""><td>20</td></rdl<>	20
Aldrin			<rdl< td=""><td>2</td></rdl<>	2
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
peta-BHC			<rdl< td=""><td>2</td></rdl<>	2
eta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
				-

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AALSample ID #: AB38553 Accura Project #: 15822

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>20</td></rdl<>	20
Heptachlor epoxide	<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor	<rdl< td=""><td>100</td></rdl<>	100
Total Chlordane (Technical)	<rdl< td=""><td>20</td></rdl<>	20
Toxaphene	<rdl< td=""><td>20</td></rdl<>	20

<u>ANALYSIS: TCLP E</u>	xtraction Prod	cedure		Method Ref: 1311
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:
Analyte Name			Analytical Rest	Its <u>Reported Detection Limits</u>
TCLP Extraction			NA	0
ANALYSIS: TCLP N	lercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/L
Analyte Name			Analytical Rest	Its Reported Detection Limits
Mercury (Reg Limit =	0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCLP M	Ietals			Method Ref: 3010A/6010B
	2/11/09	Date Analyzed:	3/10/98	Result Units: mg/L
Date Ext/Dig/Prep:	3/11/98	5		Result Child, high
Analyte Name	3/11/98		Analytical Resu	0
Analyte Name		J	Analytical Resu	0
0	.0)	J		Its Reported Detection Limits
<u>Analyte Name</u> Arsenic (Reg Limit = 5	.0) 00.0)	J	<rdl< td=""><td>Its Reported Detection Limits</td></rdl<>	Its Reported Detection Limits
Analyte Name Arsenic (Reg Limit = 5 Barium (Reg Limit = 1	.0) 00.0) : 1.0)	J	<rdl <rdl< td=""><td><u>Its</u> <u>Reported Detection Limits</u> 1</td></rdl<></rdl 	<u>Its</u> <u>Reported Detection Limits</u> 1
Analyte Name Arsenic (Reg Limit = 5 Barium (Reg Limit = 1 Cadmium (Reg Limit =	.0) 00.0) = 1.0) = 5.0)	J	<rdl <rdl <rdl< td=""><td><u>Ilts</u> <u>Reported Detection Limits</u> 1 1</td></rdl<></rdl </rdl 	<u>Ilts</u> <u>Reported Detection Limits</u> 1 1
Analyte Name Arsenic (Reg Limit = 5 Barium (Reg Limit = 1) Cadmium (Reg Limit = Chromium (Reg Limit = Lead (Reg Limit = 5.0) Selenium (Reg Limit =	.0) 00.0) = 1.0) = 5.0) 1.0)	J	<rdl <rdl <rdl <rdl< td=""><td><u>Ilts</u> <u>Reported Detection Limits</u> 1 1</td></rdl<></rdl </rdl </rdl 	<u>Ilts</u> <u>Reported Detection Limits</u> 1 1
Analyte Name Arsenic (Reg Limit = 5 Barium (Reg Limit = 1 Cadmium (Reg Limit = Chromium (Reg Limit Lead (Reg Limit = 5.0)	.0) 00.0) = 1.0) = 5.0) 1.0)	J	<rdl <rdl <rdl <rdl <rdl< td=""><td><u>Ilts</u> <u>Reported Detection Limits</u> 1 1</td></rdl<></rdl </rdl </rdl </rdl 	<u>Ilts</u> <u>Reported Detection Limits</u> 1 1

Date Ext/Dig/Prep:	3/23/98	Date Analyzed:	3/20/98 Res	sult Units: %
Analyte Name			Analytical Results	Reported Detection Limits
2-Fluorobiphenyl			87	0
Nitrobenzene-d5			114	0
p-Terphenyl-d14			83	0

ANALYSIS: X DRO	QC Surrogates	(Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units:	%
Analyte Name			Analytical Resul	its <u>Re</u>	ported Detection Limits
o-Terphenyl			See narrati	ve	0
ANALYSIS: X Pest/P	CB QC Surrog	ates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
Decachlorobiphenyl			51		0
Tetrachloro-m-xylene			103		0
ANALYSIS: X VOC	OC Surrogates	(Waters)		Method Ref:	5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
1,2-Dichloroethane-d4			106		0
4-Bromofluorobenzene			210		0
Toluene-d8			103		0

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Samp	le ID #: AB38554	Accura Project #: 15822	
Client: Omega Env. S	ervices – Tucker	Date Sampled: 3	/3/98
Client Contact: T. SH	EPPARD	Date Received: 3	/4/98
Client Project Number:	DACA21-97-C-0042	Date Reported: 9	/16/98
Client Project Name:	HUNTER AAF FIRE TRAINING AREA	Sample Matrix: S	SOILS
Client Sample ID:	ЕВ-К4		

ANALYSIS: BTEX	by GC/MS			Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/16/98	Date Analyzed:	3/16/98	Result Units: ug/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Benzene			930	500
Ethyl benzene			13,000	500
Toluene			<rdl< td=""><td>500</td></rdl<>	500
Xylenes			<rdl< td=""><td>500</td></rdl<>	500
ANALYSIS: Diesel H	Range Organic	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Diesel Range Organics	s (DRO)		3,700	1000
ANALYSIS: Metals	- Mercury - Re	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Result	ts Reported Detection Limits
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Result	ts <u>Reported Detection Limits</u>
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

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Date Ext/Dig/Prep:	3/23/98	Date Analyzed:	3/20/98	Result Units: ug/Kg	
Date Ext Digritop.	5125190	Date Analyzed.	5120198	Result Offits, ug/Rg	
Analyte Name			Analytical Result	s Reported Detection Limit	
I-Methylnaphthalene			26,000	3300	
2-Methylnaphthalene			22,000	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 <rdl< td=""><td>3300</td></rdl<></rdl 	3300	
Indeno(1,2,3-cd)pyrene			<rdl <rdl< td=""><td>3300</td></rdl<></rdl 	3300	
Naphthalene Phenanthrene			11,000	3300	
			<rdl< td=""><td>3300</td></rdl<>	3300	
Pyrene			<rdl< td=""><td>3300</td></rdl<>	3300	
ANALYSIS: PCB's			Method Ref: 3550B/8082		
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units: ug/Kg	
Analyte Name			Analytical Results	Reported Detection Limit	
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: 3550B/8081A	
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:		Result Units: ug/Kg	
Analyte Name			Analytical Results		
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	
-			<rdl <rdl< td=""><td></td></rdl<></rdl 		
alpha-Endosulfan Deta-BHC				2	
			<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	

Client Sample ID: EB-K4

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AALSample ID #: AB38554 Accura Project #: 15822

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>20</td></rdl<>	20
Heptachlor epoxide	<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor	<rdl< td=""><td>100</td></rdl<>	100
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 Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:
Analyte Name			Analytical Resul	Reported Detection Limits
TCLP Extraction			NA	0
ANALYSIS: TCLP M	ercury			Method Ref: 7470A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	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: TCLP M	etals	<u>_</u>		Method Ref: 3010A/6010B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: mg/L
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
Arsenic (Reg Limit = 5.	0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit = 10	0.0)		<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 Base Neutral QC Surrogates (Soils)				Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/23/98	Date Analyzed:	3/20/98	Result Units: %
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>

2-Fluorobiphenyl Nitrobenzene-d5 p-Terphenyl-d14

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76

0

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0

AALSample ID #: AB38554 Accura Project #: 15822

ANALYSIS: X DRO	QC Surrogates	(Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units:	%
Analyte Name			Analytical Resul	lts <u>Re</u>	ported Detection Limits
o-Terphenyl			See narrati	ve	0
ANALYSIS: X Pest/P	<u>CB QC Surrog</u>	ates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
Decachlorobiphenyl			49		0
Tetrachloro-m-xylene			109		0
ANALYSIS: X VOC QC Surrogates (Waters)				Method Ref:	5030B/8260B
Date Ext/Dig/Prep:	3/16/98	Date Analyzed:	3/16/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
1,2-Dichloroethane-d4			87		0
4-Bromofluorobenzene			140		0
Toluene-d8			99		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 #: 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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOILS
Client Sample ID: EW-K4	

ANALYSIS: BTEX I	oy GC/MS			Method Ref: 5030B/8260B	
Date Ext/Dig/Prep:	3/16/98	Date Analyzed:	3/16/98	Result Units: ug/L	
Analyte Name			Analytical Resul	ts Reported Detection Limits	
Benzene			<rdl< td=""><td>25</td></rdl<>	25	
Ethyl benzene			<rdl< td=""><td>25</td></rdl<>	25	
Toluene			<rdl< td=""><td>25</td></rdl<>	25	
Xylenes			<rdl< td=""><td>25</td></rdl<>	25	
ANALYSIS: Diesel Range Organics (DRO)				Method Ref: 3550B/8015B	
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units: mg/Kg	
Analyte Name			Analytical Result	ts Reported Detection Limits	
Diesel Range Organics	(DRO)		290	200	
ANALYSIS: Metals - Mercury - RCRA			Method Ref: 7471A		
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/Kg	
Analyte Name			Analytical Result	<u>Reported Detection Limits</u>	
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5	
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A	
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98	Result Units: mg/Kg	
Analyte Name			Analytical Result	s 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

Client Sample ID: EW-K4

Date Analyzed:		Reported Detection Limit 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300 3300
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 Date Analyzed:	<rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>3300 3300 3300 3300 3300 3300 3300 330</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl 	3300 3300 3300 3300 3300 3300 3300 330
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 Date Analyzed:	<rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>3300 3300 3300 3300 3300 3300 3300 330</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl 	3300 3300 3300 3300 3300 3300 3300 330
 Date Analyzed:	<rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>3300 3300 3300 3300 3300 3300 3300 330</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl 	3300 3300 3300 3300 3300 3300 3300 330
 Date Analyzed:	<rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>3300 3300 3300 3300 3300 3300 3300 330</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl 	3300 3300 3300 3300 3300 3300 3300 330
 Date Analyzed:	<rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>3300 3300 3300 3300 3300 3300 3300 330</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl 	3300 3300 3300 3300 3300 3300 3300 330
 Date Analyzed:	<rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>3300 3300 3300 3300 3300 3300 3300 330</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl 	3300 3300 3300 3300 3300 3300 3300 330
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 Date Analyzed:	<rdl <rdl <rdl <rdl <rdl <rdl <rdl - <rdl Meth</rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl 	3300 3300 3300 3300 3300 3300 3300 330
 Date Analyzed:	<rdl <rdl <rdl <rdl <rdl <rdl <rdl Meth</rdl </rdl </rdl </rdl </rdl </rdl </rdl 	3300 3300 3300 3300 3300 3300 3300 330
 Date Analyzed:	<rdl <rdl <rdl <rdl <rdl · <rdl Meth</rdl </rdl </rdl </rdl </rdl </rdl 	3300 3300 3300 3300 3300 3300 3300 330
Date Analyzed:	<rdl <rdl <rdl <rdl · <rdl · Meth</rdl </rdl </rdl </rdl </rdl 	3300 3300 3300 3300 3300 3300 3300
Date Analyzed:	<rdl <rdl <rdl <rdl · <rdl · Meth</rdl </rdl </rdl </rdl </rdl 	3300 3300 3300 3300 3300 3300 3300
 Date Analyzed:	<rdl <rdl <rdl · <rdl Meth</rdl </rdl </rdl </rdl 	3300 3300 3300 3300 3300 3300
 Date Analyzed:	<rdl <rdl · <rdl Meth</rdl </rdl </rdl 	3300 3300 3300 3300 od Ref: 3550B/8082
Date Analyzed:	<rdl · <rdl Meth</rdl </rdl 	3300 3300 od Ref: 3550B/8082
Date Analyzed:	· <rdl meth<="" td=""><td>3300 od Ref: 3550B/8082</td></rdl>	3300 od Ref: 3550B/8082
Date Analyzed:	Meth	od Ref: 3550B/8082
Date Analyzed:		
Date Analyzed:	3/12/98 Resul	lt Units: ug/Kg
	Analytical Results	Reported Detection Limit
	<rdl< td=""><td>40</td></rdl<>	40
	<rdl< td=""><td>80</td></rdl<>	80
	<rdl< td=""><td>80</td></rdl<>	80
	<rdl< td=""><td>40</td></rdl<>	40
	X 4-4I-	- J.D6. 2650D/0001A
Doto Analyzadı		od Ref: 3550B/8081A
Date Analyzeu:	5/12/98 Resul	lt Units: ug/Kg
	Analytical Results	Reported Detection Limit
	3.5	2
	<rdl< td=""><td>2</td></rdl<>	2
	<rdl< td=""><td>20</td></rdl<>	20
	<rdl< td=""><td>2</td></rdl<>	2
	<rdl< td=""><td>2</td></rdl<>	2
		2
		2
	*	2
		2
	 Date Analyzed:	Meth Date Analyzed: 3/12/98 Result Analytical Results 3.5 <rdl <rdl <rdl <rdl< td=""></rdl<></rdl </rdl </rdl

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AALSample ID #: AB38555 Accura Project #: 15822

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>20</td></rdl<>	20
Heptachlor epoxide	<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor	<rdl< td=""><td>100</td></rdl<>	100
Total Chlordane (Technical)	<rdl< td=""><td>20</td></rdl<>	20
Toxaphene	<rdl< td=""><td>40</td></rdl<>	40

ANALYSIS: TCLP Ex	traction Proce	dure	Method Ref: 1311		
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:	
Analyte Name TCLP Extraction			<u>Analytical Resul</u> NA	ts <u>Reported Detection Limits</u> 0	
ANALYSIS: TCLP Mercury			Method Ref: 7470A		
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/L	
Analyte Name Analytical Results Reported Det		ts 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 Ext/Dig/Prep:	3/11/98	Date Analyzed:	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 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 Base	Neutral QC Si		Method Ref: 3550B/8270C	
Date Ext/Dig/Prep:	3/23/98	Date Analyzed:	3/20/98	Result Units: %
Analyte Name			Analytical Result	s Reported Detection Limits
2-Fluorobiphenyl			68	0
Nitrobenzene-d5			34	0
p-Terphenyl-d14			68	0

ANALYSIS: X DRO	<u>QC Surrogates</u>	(Soil)		Method Ref:	3550B/8015B
Date Ext/Dig/Prep:	3/20/98	Date Analyzed:	3/19/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
o-Terphenyl			See narrativ	ve	0
ANALYSIS: X Pest/Pe	CB QC Surrog	ates		Method Ref:	3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units:	%
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
Decachlorobiphenyl			32		0
Tetrachloro-m-xylene			99		0
ANALYSIS: X VOC QC Surrogates (Waters)				Method Ref:	5030B/8260B
Date Ext/Dig/Prep:	3/16/98	Date Analyzed:	3/16/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
1,2-Dichloroethane-d4			. 94		0
4-Bromofluorobenzene			142		0
Toluene-d8			89		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 San	ple ID #: 4	AB38556		Accura Project	t#: 15822
Client: Omega Env.	Services - Tu	cker		Da	te Sampled: 3/3/98
Client Contact: T. S	HEPPARD			Da	te Received: 3/4/98
Client Project Number	:: DACA21-9	7-C-0042		Da	te Reported: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA			Sa	mple Matrix: SOILS	
Client Sample ID:	EW-K4-2	Κ			·
ANALYSIS: BTEX	oy GC/MS			Method Ref	5030B/8260B
Date Ext/Dig/Prep:	3/17/98	Date Analyzed:	3/17/98	Result Units	s: ug/L
A			A	-10	

Analyte Name	Analytical Results	Reported Detection Limits
Benzene	<rdl< th=""><th>25</th></rdl<>	25
Ethyl benzene	<rdl< th=""><th>25</th></rdl<>	25
Toluene	<rdl< th=""><th>25</th></rdl<>	25
Xylenes	· <rdl< th=""><th>25</th></rdl<>	25

ANALYSIS: Diesel R	ange Organic	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/19/98	Date Analyzed:	3/19/98	Result Units: mg/Kg
Analyte Name			Analytical Re	esults Reported Detection Limits
Diesel Range Organics (DRO)			69	10

ANALYSIS: Metals - Mercury - RCRA				Method Ref:	7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units:	mg/Kg
Analyte Name			Analytical R	tesults <u>Re</u>	ported Detection Limits
Mercury			<rdl< td=""><td>,</td><td>0.5</td></rdl<>	,	0.5

ANALYSIS: Metals - F	RCRA		Method Ref: SW846 6010A		
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98 Re:	sult 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	

<RDL = Less than Reported Detection Limit

<RDL

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Silver

Date Ext/Dig/Prep:	3/23/98	Date Analyzed:	3/20/98 Res	sult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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 <rdl< td=""><td>3300</td></rdl<></rdl 	3300
Pyrene			· <rdl< td=""><td>3300</td></rdl<>	3300
i yrono				,
ANALYSIS: PCB's			Me	thod Ref: 3550B/8082
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98 Res	ult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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			Met	thod Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98 Res	ult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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
peta-BHC			<rdl< td=""><td>2</td></rdl<>	2
oeta-Endosulfan			<rdl .<="" td=""><td>2</td></rdl>	2
			<rdl< td=""><td>2</td></rdl<>	2

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AALSample ID #: AB38556 Accura Project #: 15822

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>20</td></rdl<>	20
Heptachlor epoxide	<rdl< td=""><td>2</td></rdl<>	2
Methoxychlor	<rdl< td=""><td>100</td></rdl<>	100
Total Chlordane (Technical)	<rdl< td=""><td>20</td></rdl<>	20
Toxaphene	<rdl< td=""><td>20</td></rdl<>	20

ANALYSIS: TCLP Ex	traction Proce	edure	Method Ref: 1311		
Date Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:	
Analyte Name			Analytical Resu	Its Reported Detection Limits	
TCLP Extraction			NA	0	
ANALYSIS: TCLP M	reury			Method Ref: 7470A	
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/L	
Analyte Name			Analytical Resu	Its <u>Reported Detection Limits</u>	
Mercury (Reg Limit = 0.	2)		· <rdl< td=""><td>0.1</td></rdl<>	0.1	
ANALYSIS: TCLP Me	etals			Method Ref: 3010A/6010B	
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/10/98	Result Units: mg/L	
Analyte Name			Analytical Resu	Its <u>Reported Detection Limits</u>	
Arsenic (Reg Limit = 5.0))		<rdl< td=""><td>1</td></rdl<>	1	

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)

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ANALYSIS: X Base Neutral QC Surrogates (Soils)]	Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/23/98	Date Analyzed:	3/20/98	Result Units: %
Analyte Name			Analytical Results	Reported Detection Limits
2-Fluorobiphenyl			74	0
Nitrobenzene-d5			59	0
p-Terphenyl-d14			61	0

<RDL

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ANALYSIS: X DRO	QC Surrogates	(Soil)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/19/98	Date Analyzed:	3/19/98	Result Units: %
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
o-Terphenyl			90	0
ANALYSIS: X_Pest/P	<u>CB QC Surrog</u>	ates		Method Ref: 3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units: %
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
Decachlorobiphenyl			39	0
Tetrachloro-m-xylene			100	0
ANALYSIS: X VOC (QC Surrogates	(Waters)		Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/17/98	Date Analyzed:	3/17/98	Result Units: %
Analyte Name			Analytical Resul	Reported Detection Limits
1,2-Dichloroethane-d4			103	0
4-Bromofluorobenzene			136	0
Toluene-d8			109	0

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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: 9/16/98
Client Project Name: HUNTER AAF FIRE TRAINING AREA	Sample Matrix: SOILS
Client Sample ID: METHOD BLANK	

<u>ANALYSIS:</u> BTEX b	y GC/MS			Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units: ug/L
Analyte Name			Analytical Resul	ts Reported Detection Limits
Benzene			<rdl< td=""><td>5</td></rdl<>	5
Ethyl benzene			<rdl< td=""><td>5</td></rdl<>	5
Toluene			<rdl< td=""><td>5</td></rdl<>	5
Xylenes			<rdl< td=""><td>5</td></rdl<>	5
ANALYSIS: Diesel R	ange Organic:	s (DRO)		Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/19/98	Date Analyzed:	3/19/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	ts Reported Detection Limits
Diesel Range Organics	(DRO)		<rdl< td=""><td>10</td></rdl<>	10
ANALYSIS: Metals -	Mercury - RC	CRA		Method Ref: 7471A
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	Reported Detection Limits
Mercury	·		<rdl< td=""><td>0.5</td></rdl<>	0.5
ANALYSIS: Metals -	RCRA			Method Ref: SW846 6010A
Date Ext/Dig/Prep:	3/9/98	Date Analyzed:	3/6/98	Result Units: mg/Kg
Analyte Name			Analytical Resul	Reported Detection Limits
Arsenic			<rdl< td=""><td>5</td></rdl<>	5
Barium			<rdl< td=""><td>5</td></rdl<>	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 Silver			<rdl< td=""><td>. 5</td></rdl<>	. 5
OTAGL			<rdl< td=""><td>5</td></rdl<>	5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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AALSample ID #: AB38558 Accura Project #: 15822

ANALYSIS: PAH's				Method Ref: SW846 8270
Date Ext/Dig/Prep:	3/21/98	Date Analyzed:	3/20/98	Result Units: ug/Kg
Analyte Name			Analytical Resul	ts 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

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ANALYSIS: PCB's				Method Ref: 3550B/8082
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units: ug/Kg
Analyte Name	ч <i>и</i>		Analytical Resul	ts <u>Reported Detection Limits</u>
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: Pesticide	es			Method Ref: 3550B/8081A
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units: ug/Kg
	3/14/98	Date Analyzed:	3/12/98 Analytical Result	
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:		· · ·
Date Ext/Dig/Prep: Analyte Name	3/14/98	Date Analyzed:	Analytical Result	ts Reported Detection Limits
Date Ext/Dig/Prep: <u>Analyte Name</u> 4,4'-DDD 4,4'-DDE 4,4'-DDT	3/14/98	Date Analyzed:	Analytical Result	ts Reported Detection Limits 2
Date Ext/Dig/Prep: <u>Analyte Name</u> 4,4'-DDD 4,4'-DDE	3/14/98	Date Analyzed:	Analytical Result <rdl <rdl< td=""><td>ts <u>Reported Detection Limits</u> 2 2</td></rdl<></rdl 	ts <u>Reported Detection Limits</u> 2 2
Date Ext/Dig/Prep: <u>Analyte Name</u> 4,4'-DDD 4,4'-DDE 4,4'-DDT	3/14/98	Date Analyzed:	Analytical Result <rdl <rdl <rdl< td=""><td>ts Reported Detection Limits 2 2 2 2 2 2</td></rdl<></rdl </rdl 	ts Reported Detection Limits 2 2 2 2 2 2
Date Ext/Dig/Prep: <u>Analyte Name</u> 4,4'-DDD 4,4'-DDE 4,4'-DDT Aldrin alpha-BHC alpha-Endosulfan	3/14/98	Date Analyzed:	Analytical Result <rdl <rdl <rdl <rdl <rdl< td=""><td>ts Reported Detection Limits 2 2 2 2 2 2 2 2 2 2</td></rdl<></rdl </rdl </rdl </rdl 	ts Reported Detection Limits 2 2 2 2 2 2 2 2 2 2
Date Ext/Dig/Prep: <u>Analyte Name</u> 4,4'-DDD 4,4'-DDE 4,4'-DDT Aldrin alpha-BHC alpha-Endosulfan beta-BHC	3/14/98	Date Analyzed:	Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>ts Reported Detection Limits 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2</td></rdl<></rdl </rdl </rdl </rdl </rdl 	ts Reported Detection Limits 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Date Ext/Dig/Prep: <u>Analyte Name</u> 4,4'-DDD 4,4'-DDE 4,4'-DDT Aldrin alpha-BHC alpha-Endosulfan	3/14/98	Date Analyzed:	Analytical Result <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>ts Reported Detection Limits 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl 	ts Reported Detection Limits 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Client Sample ID: METHOD BLANK

AALSample ID #: AB38558 Accura Project #: 15822

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 Ext/Dig/Prep:	3/5/98	Date Analyzed:	3/5/98	Result Units:	
Analyte Name			Analytical Resu	Its Reported Detection Limits	
TCLP Extraction			NA	0	
ANALYSIS: TCLP Me	ercury		Method Ref: 7470A		
Date Ext/Dig/Prep:	3/6/98	Date Analyzed:	3/6/98	Result Units: mg/L	
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>	
Mercury (Reg Limit = 0.2)			<rdl< td=""><td>0.1</td></rdl<>	0.1	
ANALYSIS: TCLP Metals				Method Ref: 3010A/6010B	
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	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 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 Base Neutral QC Surrogates (Soils)				Method Ref: 3550B/8270C
Date Ext/Dig/Prep:	3/21/98	Date Analyzed:	3/20/98	Result Units: %
Analyte Name			Analytical Resu	lts Reported Detection Limits
2-Fluorobiphenyl			64	0
Nitrobenzene-d5			57	0
p-Terphenyl-d14			74	0

ANALYSIS: X DRO QC Surrogates (Soil)				Method Ref: 3550B/8015B
Date Ext/Dig/Prep:	3/19/98	Date Analyzed:	3/19/98	Result Units: %
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
o-Terphenyl			92	0
ANALYSIS: X Pest/P	CB QC Surrog	ates		Method Ref: 3580A/8081
Date Ext/Dig/Prep:	3/14/98	Date Analyzed:	3/12/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
Decachlorobiphenyl			95	0
Tetrachloro-m-xylene			101	0
ANALYSIS: X VOC QC Surrogates (Waters)				Method Ref: 5030B/8260B
Date Ext/Dig/Prep:	3/11/98	Date Analyzed:	3/11/98	Result Units: %
Analyte Name			Analytical Resul	ts <u>Reported Detection Limits</u>
1,2-Dichloroethane-d4			90	0
4-Bromofluorobenzene			110	0
Toluene-d8			102	0

Accura Analytical Laboratory, Inc.

Project Number: Project Name: Contact Phone #(9) Report Sent to: (Client Contact): Address: Company Name 7-21 F EB-HH Sample ID # Mathix Culture /S - Sails IN - Watar / I -Samplers: (signature) <u>A L</u> Relinquished By: 4661 Relinquished 5 8 $\overline{\mathbf{x}}$ mena HALW WIND 3/3/ 3/3/98 126-1 Ś Q Date / Time Sample Environmenter Ν ſ 76/ 801 R ١ SCOUL INCOL _ Comp Sinte - 2-01 Grab Date / Time 3/3/9/ Date / Time Fax # Matrix Privaces, ACCURA ANALYTICAL LABORATORY, INC. Preserved witter 1 Ree S 6 Sample Location: N Samplers: (printed) 4re N idea) (A = Air Samala) (F = Baade) (X1 = CHAIN OF CUSTODY 4/000 Environmental Analytical Services Ş ١ lau 5 S M 1000 Received-Py: Received By: S Shine Containers No. of Client P.O. # Billing address: Custody Seal: Sample Cond QC Level: N ANA < 3/4/98 ~ Date / Time Date / Time K [0100] ພໍ່ມ For Laboratory Use Only Ż 7 Phone # (770) 449-8800 6017 Financial Drive, Norcross, GA 30071 Special Requirements Or Remarks: AAL Lab Project # 5823 Page nit Temp: Remarks Fax # (770) 449-5477 00<u>155</u> **OF** 13922 38568 19582 Accura Sample ID 33566 No. AB ນ

Project Name: Project Number: Contact Phone # Report Sent to: (Client Contact): Address: Company Name: / E8-FB-EB-J4 L'AU 1 EB-05 5 B-J8 Sample ID # Samplers: (signature) ١ ΛL 4661 Р К 00 Belinquished By: Relinquished By: ר כ 6 Mega TOMM COMU (F) 1757-1 2/2/92 3/3/198 Date / Time 3/3/43 N Sample 12/98 L'ANTION Mente 440 201 14/1 Competinger Ì Comp 4. Saite B 3 Grab Ĩ $\hat{\gamma}$ Date / Time Date / Time Fax # Ŵ Matrix 2-0042 ACCURA ANALYTICAL LABORATORY, INC. 12 Milling Preserved Services (d) RIN) 2112 Sample Location: 1001 Samplers: (printed) 71241 2 10-1-CHAIN OF CUSTODY **Environmental Analytical Services** munics $\overline{\mathbf{i}}$ Shuppes 1805 Receive Received By: *8 1*/2 ξ Containers No. of 3 \mathcal{W} \mathcal{W} S S W \mathcal{N} ω Billing address: Client P.O. # QC Level: N 1 2 3 4 Sample Condition: C Custody Seal: ANAL 6 9 6 5 3/4/98 10:00 N N N Date / Time Date / Time 2 c'1 V For Laboratory Use Only 7 Phone # (770) 449-8800 6017 Financial Drive, Norcross, GA 30071 Special Requirements Or Remarks: Turnaround Time Requested VAL Lab Project # \S 823 Init/Temp: Page Remarks Fax # (770) 449-5477 Jor Y Q Q 38563 13925 3265 38564 38262 13588 33560 Sample ID No. AB Accura Ø

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

CASE NARRATIVE for Project Number: <u>15823</u> 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	<u>/-846-8260A</u>		
EB-J8	EB-J7	EB-J6	EB-H4
PAH - SW-	846-8270B		
EB-J7	EB-J6	EB-J5	EB-J4
DRO - SW	<u>-846-8015</u>		
EB-J8	EB-J7	EB-J6	
22 00	22 01	22.00	

2. The following surrogate recoveries were outside the method specified limits due to matrix interference:

<u>BTEX - SW-846-8260A</u> 4-Bromofluorobenzene-	EB-J7 EB-H4	EB-J6 EB-I4	EB-J4	EW-J4
Toluene-d8	EB-J5	EW-J4	EB-H4	EB-I4
1,2-Dichloroethane-d4	EB-H4			

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

<u>PAH - SW-846-8270B</u>			
Nitrobenzene-d5-	EB-J6	EB-J5	EB-J4

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:

DRO - SW-846-8015 EB-J8 EB-J7 EB-J6 5. The detection limits for the following samples were elevated due to matrix interference:

 PEST/PCB - SW-846-8081 & 8082

 EB-J8
 EB-J7
 EB-J6
 EB-J4

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- EB-J5 EB-J4 EW-J4 EB-I4

The results for these samples should not be affected.

7. The DRO hit in the following sample appears to be a light hydrocarbon such as a kerosene:

EB-J7

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-J8 EB-J6 EB-J5 EW-J4 EB-H4

9. The DRO hit in the following sample appears to be a heavy hydrocarbon such as an oil:

EB-J4

Quality Assuranc

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

			KI KEI OKI		
Accura Sa	mple ID #:	AB38560	Acc	ura Project	#: 15823
Client: Omega En	v. Services - T	lucker	Date Sampled: 3/3/98		
Client Contact: T.	SHEPPARD			Date	e Received: 3/4/98
Client Project Numb	Client Project Number: DACA21-97-C-0042			Date	e Reported: 3/19/98
Client Project Name	: HUNTER	AAF FIRE TRAININ	IG AREA	Sam	ple Matrix: SOIL
Client Sample ID:	EB-J8				
ANALYSIS: BTEX	r			Method Ref	5030A/8260A
			016100		
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units:	ug/Kg
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
Benzene			1,300		1300
Ethyl benzene			13,000		1300
Toluene			<rdl< td=""><td></td><td>1300</td></rdl<>		1300
Xylenes			<rdl< td=""><td></td><td>1300</td></rdl<>		1300
ANALYSIS: Diesel	Range Organ	uics (DRO)		Method Ref:	3550A/8015
Date Analyzed:	3/14/98	Date Ext/Dig/Prep:	3/12/98	Result Units:	mg/Kg
Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
Diesel Range Organi	cs (DRO)		1,600		500
ANALYSIS: Metal	s - Mercury -	RCRA		Method Ref:	7471A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units:	mg/Kg
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
Mercury			<rdl< td=""><td></td><td>0.5</td></rdl<>		0.5
ANALYSIS: Metals	s - RCRA			Method Ref:	3050B/6010B
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/6/98	Result Units:	mg/Kg
Analyte Name			Analytical Result	is <u>Re</u>	ported Detection Limits
Arsenic			<rdl< td=""><td></td><td>5</td></rdl<>		5
Barium			21		5
~					

Barium Cadmium Chromium Lead Selenium Silver

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

<RDL

<RDL

<RDL

<RDL

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0.5

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ANALYSIS: PAH's

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Method Ref: 3550A/8270B

1-Methylnaphthalene 2,400 330 2-Methylnaphthalene 560 330 2-Methylnaphthalene 560 330 Acenaphthylen <rdl< td=""> 330 Acenaphthylene <rdl< td=""> 330 Benzo(a)pyrene <rdl< td=""> 330 Benzo(a)pyrene <rdl< td=""> 330 Benzo(a)pyrene <rdl< td=""> 330 Benzo(b)flooranthene <rdl< td=""> 330 Dibenzo(a,h)antracene <rdl< td=""> 330 Fluoranthene <rdl< td=""> 330 Picoranthene <</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Date Analyzed:	3/18/98	Date Ext/Dig/Prep:	3/16/98	Result Units: ug/Kg
2-Methylnaphthalene 560 330 Acenaphthene -RDL 330 Acenaphthylene -RDL 330 Acenaphthylene -RDL 330 Anthracene -RDL 330 Benzo(a)pyrene -RDL 330 Benzo(b)ryrene -RDL 330 Benzo(b)ryrene -RDL 330 Benzo(b)ryrene -RDL 330 Benzo(b)roranthene -RDL 330 Dibenzo(c),hjanthracene -RDL 330 Fluorene -RDL 330 Fluorene -RDL 330 Prenen -RDL 330 Prenenthrene 400 330 Pyrene -RDL 330 PCB-1016 -RDL 80 PCB-1021 -RDL 40 PCB-1242 -RDL 40 PCB-1245 -RDL 40 PCB-1246 -RDL 40 PCB-1248 -RDL	Analyte Name			Analytical Results	Reported Detection Limit
Acenaphthene <rdl< td=""> 330 Acenaphthylene <rdl< td=""> 330 Acenaphthylene <rdl< td=""> 330 Anthracene <rdl< td=""> 330 Benzo(s)anthracene <rdl< td=""> 330 Benzo(s)fuoranthene <rdl< td=""> 330 Benzo(s)fuoranthene <rdl< td=""> 330 Benzo(s)fuoranthene <rdl< td=""> 330 Benzo(s)fuoranthene <rdl< td=""> 330 Dibenzo(s,h)anthracene <rdl< td=""> 330 Fluoranthene <rdl< td=""> 330 Indeno(1,2,3-cd)pyrene <rdl< td=""> 330 Prenamthrene <rdl< td=""> 330 Naphthalene <rdl< td=""> 330 Prene <rdl< td=""> 30 Prene <rdl< td=""> 30 Prene <rdl< td=""> 40 PCB-1016 <rdl< td=""> 40<!--</td--><td>1-Methylnaphthalen</td><td>e</td><td></td><td>2,400</td><td>330</td></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	1-Methylnaphthalen	e		2,400	330
Acenaphthylene <rdl< td=""> 330 Anthracene <rdl< td=""> 330 Benzo(a)pyrene <rdl< td=""> 330 Benzo(b)fluoranthene <rdl< td=""> 330 Benzo(k)fluoranthene <rdl< td=""> 330 Dibenzo(a,h)anthracene <rdl< td=""> 330 Fluoranthene <rdl< td=""> 330 Picoranthene <rdl< td=""> 40 PCB-1016 <rdl< td=""> <rdl< td=""> 40 PCB-1221 <rdl< td=""> <rdl< td=""> 40 PCB-1232<!--</td--><td>2-Methylnaphthalen</td><td>e</td><td></td><td>560</td><td>330</td></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	2-Methylnaphthalen	e		560	330
Anthracene <rdl< td=""> 330 Benzo(a)pyrene <rdl< td=""> 330 Benzo(b)fluoranthene <rdl< td=""> 330 Benzo(b)fluoranthene <rdl< td=""> 330 Benzo(b)fluoranthene <rdl< td=""> 330 Benzo(b)fluoranthene <rdl< td=""> 330 Benzo(k)fluoranthene <rdl< td=""> 330 Benzo(k)fluoranthene <rdl< td=""> 330 Dibenzo(a,h)anthracene <rdl< td=""> 330 Fluoranthene <rdl< td=""> 330 Fluoranthene <rdl< td=""> 330 Phenanthrene <rdl< td=""> 330 Phenanthrene <rdl< td=""> 330 Pyrene <rdl< td=""> 330 Pyrene <rdl< td=""> 330 Pyrene <rdl< td=""> 330 PCB-1016 <rdl< td=""> 40 PCB-1231 <rdl< td=""> 40 PCB-124 <rdl< td=""> 40 PCB-124 <rdl< td=""> 40 PCB-1254 <rdl< td=""> 40 PCB-1260 <rdl< td=""> 40 PCB-1260 <rdl< td=""> 40 PCB-1260 <rdl< td=""></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Acenaphthene			<rdl< td=""><td>330</td></rdl<>	330
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Benzo(a)pyrene <rdl< td=""> 330 Benzo(g)fluoranthene <rdl< td=""> 330 Benzo(g)fluoranthene <rdl< td=""> 330 Benzo(k)fluoranthene <rdl< td=""> 330 Dibenzo(k,h)upreylene <rdl< td=""> 330 Dibenzo(k,h)utranthene <rdl< td=""> 330 Dibenzo(k,h)utracene <rdl< td=""> 330 Fluoranthene <rdl< td=""> 330 Fluoranthene <rdl< td=""> 330 Fluoranthene <rdl< td=""> 330 Procene <rdl< td=""> 30 Procene 3/7/98 Date Ext/Dig/Prep: 3/5/98 Procene <rdl< td=""> 40<td>Anthracene</td><td></td><td></td><td><rdl< td=""><td>330</td></rdl<></td></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Anthracene			<rdl< td=""><td>330</td></rdl<>	330
Benzo(b)fluoranthene <rdl< td=""> 330 Benzo(b)fluoranthene <rdl< td=""> 330 Benzo(k)fluoranthene <rdl< td=""> 330 Dibenzo(k,h)anthracene <rdl< td=""> 330 Chrysen <rdl< td=""> 330 Dibenzo(k,h)anthracene <rdl< td=""> 330 Fluoranthene <rdl< td=""> 330 Fluoranthene <rdl< td=""> 330 Indeno(1,2,3-cd)pyrene <rdl< td=""> 330 Naphthalene <rdl< td=""> 330 Prenanthrene 400 330 Pyrene <rdl< td=""> 330 ANALYSIS: PCB's Method Ref: 3550A/8082 Date Analyzed: 3/7/98 Date Ext/Dig/Prep: 3/5/98 Result Name Analytical Results Reported Detection Lim PCB-1016 <rdl< td=""> 40 PCB-1232 <rdl< td=""> 40 PCB-124 <rdl< td=""> 40 PCB-124 <rdl< td=""> 40 PCB-1254 <rdl< td=""> 40 PCB-1254 <rdl< td=""> 40 PCB-126</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Benzo(a)anthracene			<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h, j)perylene <rdl< td=""> 330 Benzo(g,h, j)perylene <rdl< td=""> 330 Benzo(g,h, j)perylene <rdl< td=""> 330 Chrysene <rdl< td=""> 330 Dibenzo(g,h)anthracene <rdl< td=""> 330 Fluoranthene <rdl< td=""> 330 Fluoranthene <rdl< td=""> 330 Indeno(1,2,3-cd)pyrene <rdl< td=""> 330 Naphthalene <rdl< td=""> 330 Prenamthrene 400 330 Pyrene <rdl< td=""> 330 ANALYSIS: PCB's Method Ref: 3550A/8082 330 Date Analyzed: 3/7/98 Date Ext/Dig/Prep: 3/5/98 Result Units: ug/Kg Analyte Name Analytical Results Reported Detection Lim PCB-1016 <rdl< td=""> 40 PCB-1232 PCB-1232 <rdl< td=""> 40 PCB-124 PCB-1242 <rdl< td=""> 40 PCB-124 PCB-1254 <rdl< td=""> 40 PCB-1260 <rdl< td=""> 40 PCB-1260 <rdl< td=""> 2</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Benzo(a)pyrene			<rdl< td=""><td>330</td></rdl<>	330
Benzok)fluoranthene <rdl< td=""> 330 Chrysene <rdl< td=""> 330 Dibenzok,hjanthracene <rdl< td=""> 330 Fluoranthene <rdl< td=""> 330 Fluorene <rdl< td=""> 330 Fluorene <rdl< td=""> 330 Napthalene <rdl< td=""> 330 Picoranthene <rdl< td=""> 330 Napthalene <rdl< td=""> 330 Prene <rdl< td=""> 330 Pyrene <rdl< td=""> 330 ANALYSIS: PCB's Method Ref: 3550A/8082 Date Analyzed: 3/7/98 Date Ext/Dig/Prep: 3/5/98 Analyte Name Analytical Results Reported Detection Lim PCB-1016 <rdl< td=""> 40 PCB-1221 <rdl< td=""> 80 PCB-1224 <rdl< td=""> 40 PCB-1248 <rdl< td=""> 40 PCB-1254 <rdl< td=""> 40 PCB-1260 <rdl< td=""> 40 PCB-1260 <rdl< td=""> 2 Analyte Name Analytical Results <t< td=""><td>Benzo(b)fluoranther</td><td>ne</td><td></td><td><rdl< td=""><td>330</td></rdl<></td></t<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Benzo(b)fluoranther	ne		<rdl< td=""><td>330</td></rdl<>	330
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PCB-1016 <rdl< td=""> 40 PCB-1221 <rdl< td=""> 80 PCB-1232 <rdl< td=""> 80 PCB-1232 <rdl< td=""> 40 PCB-1242 <rdl< td=""> 40 PCB-1248 <rdl< td=""> 40 PCB-1254 <rdl< td=""> 40 PCB-1260 <rdl< td=""> 40 PCB-1260 <rdl< td=""> 40 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 Lim 4,4'-DDD <rdl< td=""> 2 4,4'-DDT <rdl< td=""> 2 4,4'-DDT <rdl< td=""> 2 Aldrin <rdl< td=""> 2 alpha-BHC <rdl< td=""> 2 alpha-Endosulfan <rdl< td=""> 2 beta-Endosulfan <rdl< td=""> 2 beta-Endosulfan <rdl< td=""> 2</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/5/98 H	Result Units: ug/Kg
PCB-1221 <rdl< td=""> 80 PCB-1232 <rdl< td=""> 40 PCB-1242 <rdl< td=""> 40 PCB-1248 <rdl< td=""> 40 PCB-1254 <rdl< td=""> 40 PCB-1260 <rdl< td=""> 40 PCB-1260 <rdl< td=""> 40 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 Lim 4,4'-DDD <rdl< td=""> 2 4,4'-DDT <rdl< td=""> 2 Aldrin <rdl< td=""> 2 Alpha-BHC <rdl< td=""> 2 alpha-BHC <rdl< td=""> 2 beta-BHC <rdl< td=""> 2 bet</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Analyte Name			Analytical Results	Reported Detection Limit
PCB-1232 <rdl< td=""> 80 PCB-1242 <rdl< td=""> 40 PCB-1248 <rdl< td=""> 40 PCB-1254 <rdl< td=""> 40 PCB-1260 <rdl< td=""> 40 PCB-1260 <rdl< td=""> 40 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 Lim 4,4'-DDD <rdl< td=""> 2 4,4'-DDT <rdl< td=""> 2 alpha-BHC <rdl< td=""> 2 alpha-Endosulfan <rdl< td=""> 2 beta-BHC <rdl< td=""> 2 beta-Endosulfan <rdl< td=""> 2</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	PCB-1016			<rdl< td=""><td>40</td></rdl<>	40
PCB-1242 <rdl< td=""> 40 PCB-1248 <rdl< td=""> 40 PCB-1254 <rdl< td=""> 40 PCB-1260 <rdl< td=""> 40 ANALYSIS: Pesticides Method Ref: 3550A/8081A 40 Date Analyzed: 3/7/98 Date Ext/Dig/Prep: 3/5/98 Result Units: ug/Kg Analyte Name Analytical Results Reported Detection Lim 4,4'-DDD <rdl< td=""> 2 4,4'-DDF <rdl< td=""> 2 4,4'-DDT <rdl< td=""> 2 4,4,4'-DDT <rdl< td=""> 2 4,4,4'-DDT <rdl< td=""> 2 <td< td=""><td>PCB-1221</td><td></td><td></td><td><rdl< td=""><td>80</td></rdl<></td></td<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	PCB-1221			<rdl< td=""><td>80</td></rdl<>	80
PCB-1248 <rdl< th="">40PCB-1254<rdl< td="">40PCB-1260<rdl< td="">40ANALYSIS: PesticidesMethod Ref:3550A/8081ADate Analyzed:3/7/98Date Ext/Dig/Prep:3/5/98Result Units:ug/KgAnalyte NameAnalytical ResultsReported Detection Lim4,4'-DDD<rdl< td="">24,4'-DDT<rdl< td="">24,4'-DDT<rdl< td="">24,4'-DDT<rdl< td="">2Analyte Name<rdl< td="">24,4'-DDT<rdl< td="">24,4'-DDT<rdl< td="">2Analyte Analyte Name<rdl< td="">24,4'-DDT<rdl< td="">24,4'-DDT<rdl< td="">2Analyte Analyte Ana</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	PCB-1232			<rdl< td=""><td>80</td></rdl<>	80
PCB-1254 <rdl< td=""> 40 PCB-1260 <rdl< td=""> 40 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 Lim 4,4'-DDD <rdl< td=""> 2 4,4'-DDF <rdl< td=""> 2 4,4'-DDT <rdl< td=""> 2 Aldrin <rdl< td=""> 2 alpha-BHC <rdl< td=""> 2 alpha-Endosulfan <rdl< td=""> 2 beta-BHC <rdl< td=""> 2 beta-Endosulfan <rdl< td=""> 2 beta-Endosulfan <rdl< td=""> 2 beta-Endosulfan <rdl< td=""> 2</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	PCB-1242			<rdl< td=""><td>40</td></rdl<>	40
PCB-1260 <rdl< td=""> 40 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 4,4'-DDD <rdl< td=""> 4,4'-DDE <rdl< td=""> 4,4'-DDT <rdl< td=""> 4,4'-DDT <rdl< td=""> 4,4'-DDT <rdl< td=""> 4,4'-DDT <rdl< td=""> 2 4,4'-DBT <rdl< td=""> 2 4,4'-DDT <rdl< td=""> 2 4,4'-DDT <rdl< td=""> 2 4,4'-DDT 4 2 4,4'-DDT 4 2 4,4'-DDT 2 4,4'-DDT</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	PCB-1248			<rdl< td=""><td>40</td></rdl<>	40
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 Lim 4,4'-DDD <rdl< td=""> 2 4,4'-DDF <rdl< td=""> 2 4,4'-DDT <rdl< td=""> 2 4,4'-DT <rdl< td=""> 2 4,4'-DT 2</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	PCB-1254			<rdl< td=""><td>40</td></rdl<>	40
Date Analyzed:3/7/98Date Ext/Dig/Prep:3/5/98Result Units:ug/KgAnalyte NameAnalytical ResultsReported Detection Lim4,4'-DDD <rdl< td="">24,4'-DDE<rdl< td="">24,4'-DDT<rdl< td="">6Aldrin<rdl< td="">6Alpha-BHC<rdl< td="">2alpha-Endosulfan<rdl< td="">2beta-BHC<rdl< td="">2ceta-Endosulfan<rdl< td="">2ceta-Endosulfan<rdl< td="">2</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	PCB-1260			<rdl< td=""><td>40</td></rdl<>	40
Analyte NameAnalytical ResultsReported Detection Lim4,4'-DDD <rdl< td="">24,4'-DDE<rdl< td="">24,4'-DDT<rdl< td="">24,4'-DDT<rdl< td="">64ldrin<rdl< td="">2alpha-BHC<rdl< td="">2alpha-Endosulfan<rdl< td="">2beta-BHC<rdl< td="">2ceta-BHC<rdl< td="">2ceta-Endosulfan<rdl< td="">2ceta-Endosulfan<rdl< td="">2</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	ANALYSIS: Pestic	ides		Ν	Method Ref: 3550A/8081A
4,4'-DDD <rdl< td="">24,4'-DDE<rdl< td="">24,4'-DDT<rdl< td="">64,4'-DDT<rdl< td="">2Aldrin<rdl< td="">2alpha-BHC<rdl< td="">2alpha-Endosulfan<rdl< td="">2beta-BHC<rdl< td="">2beta-BHC<rdl< td="">2beta-BHC<rdl< td="">2beta-BHC<rdl< td="">2</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/5/98 F	Result Units: ug/Kg
4,4'-DDE <rdl< th="">24,4'-DDT<rdl< td="">64,4'-DDT<rdl< td="">2Aldrin<rdl< td="">2alpha-BHC<rdl< td="">2alpha-Endosulfan<rdl< td="">2beta-BHC<rdl< td="">2beta-Endosulfan<rdl< td="">2beta-Endosulfan<rdl< td="">2</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	Analyte Name			Analytical Results	Reported Detection Limit
4,4'-DDT <rdl< th="">6Aldrin<rdl< td="">2alpha-BHC<rdl< td="">2alpha-Endosulfan<rdl< td="">2beta-BHC<rdl< td="">2beta-Endosulfan<rdl< td="">2beta-Endosulfan<rdl< td="">2</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	1,4'-DDD			<rdl< td=""><td>2</td></rdl<>	2
Aldrin <rdl< th="">2alpha-BHC<rdl< td="">2alpha-Endosulfan<rdl< td="">2beta-BHC<rdl< td="">2beta-Endosulfan<rdl< td="">2beta-Endosulfan<rdl< td="">2</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	1,4'-DDE			<rdl< td=""><td>2</td></rdl<>	2
Alpha-BHC <rdl< th="">2alpha-Endosulfan<rdl< td="">2beta-BHC<rdl< td="">2beta-Endosulfan<rdl< td="">2</rdl<></rdl<></rdl<></rdl<>	1,4'-DDT			<rdl< td=""><td>6</td></rdl<>	6
Ipha-Endosulfan <rdl< th="">2Deta-BHC<rdl< td="">2Deta-Endosulfan<rdl< td="">2</rdl<></rdl<></rdl<>	Aldrin			<rdl< td=""><td>2</td></rdl<>	2
Ipha-Endosulfan <rdl< th="">2Deta-BHC<rdl< td="">2Deta-Endosulfan<rdl< td="">2</rdl<></rdl<></rdl<>	lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
Deta-BHC <rdl< th="">2Deta-Endosulfan<rdl< td="">2</rdl<></rdl<>	-			<rdl< td=""><td>2</td></rdl<>	2
peta-Endosulfan <rdl 2<="" td=""><td>-</td><td></td><td></td><td></td><td></td></rdl>	-				
	ielta-BHC			<rdl< td=""><td>2</td></rdl<>	2

Client Sample ID: EB-J8

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AALSample ID #: AB38560 Accura Project #: 15823

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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 R	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: TCLP				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>Reported Detection Limits</u>
Mercury (Reg Limit	= 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1

ANALYSIS: TCLP Metals

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Method Ref: 3010A/6010B

Date Analyzed:	3/10/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	mg/L
Analyte Name			Analytical Resul	ts <u>Re</u> r	ported Detection Limits
Arsenic (Reg Limit	= 5.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Barium (Reg Limit	= 100.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Cadmium (Reg Lim	nit = 1.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Chromium (Reg Li	nit = 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 Lim	it = 1.0)		<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 DI	RO 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	s Reported Detection Limits
o-Terphenyl			See narrativ	7e 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 Reported Detection Limits
2-Fluorobiphenyl			68	0

ACCURA ANALYTICAL LABORATORY, INC.

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AALSample ID #: AB38560 Accura Project #: 15823

Nitrobenzene-d5			64	0
p-Terphenyl-d14			63	0
ANALYSIS: X Pe	est/PCB QC S	Surrogates (Soils)	М	ethod Ref: 3550A/8081/2
Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/5/98 Re	esult Units: %
Analyte Name			Analytical Results	Reported Detection Limits
Decachlorobipheny	1		69	0
Tetrachloro-m-xyle	ne		77	0
ANAT VCIC. V V	20 00 Sur es	anatan (Saila)	М	ethod Ref: 8260A
ANALYSIS: X VO	JC QC Suffu	gates (Sons)	IVI)	ethod Kel: 8260A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98 Re	esult Units: %
Analyte Name			Analytical Results	Reported Detection Limits
1,2-Dichloroethane-	·d4		81	0
4-Bromofluorobenz	ene		115	0
Toluene-d8			112	0

Accura Analytical Laboratory, Inc.

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 Sa	mple ID #:	AB38561	Acc	ura Project	#: 15823	
Client: Omega En	v. Services - 1	Fucker		Dat	e Sampled: 3/3/98	
Client Contact: T.	SHEPPARD		Date Received: 3/4/98			
Client Project Numb	ber: DACA21	-97-C-0042		Date Reported: 3/19/98		
Client Project Name		R AAF FIRE TRAININ	G AREA		nple Matrix: SOIL	
Client Sample ID:	EB-J7					
ANALYSIS: BTE	K			Method Ref:	5030A/8260A	
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/9/98	Result Units:	ug/Kg	
Analyte Name			Analytical Resu	<u>ilts R</u> e	eported Detection Limits	
Benzene			3,400		1300	
Ethyl benzene			26,000		1300	
Toluene			<rdl< td=""><td></td><td>1300</td></rdl<>		1300	
Xylenes			1,400		1300	
ANALYSIS: Diese	l Range Orga	nics (DRO)		Method Ref:	3550A/8015	
Date Analyzed:	3/15/98	Date Ext/Dig/Prep:	3/12/98	Result Units:	mg/Kg	
Analyte Name			Analytical Resu	ilts <u>R</u> e	eported Detection Limits	
Diesel Range Organ	ics (DRO)		4,400		1000	
ANALYSIS: Metal	ls - Mercury -	RCRA		Method Ref:	7471A	
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units:	mg/Kg	
Analyte Name			Analytical Resu	lts Re	eported Detection Limits	
Mercury			<rdl< td=""><td></td><td>0.5</td></rdl<>		0.5	
ANALYSIS: Metal	ls - RCRA			Method Ref:	3050B/6010B	
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/6/98	Result Units:	mg/Kg	
Analyte Name			Analytical Resu	<u>ilts Re</u>	eported Detection Limits	
Arsenic			<rdl< td=""><td></td><td>5</td></rdl<>		5	
Barium			13		5	
Cadmium			<rdl< td=""><td></td><td>0.5</td></rdl<>		0.5	
Chromium			<rdl< td=""><td></td><td>5</td></rdl<>		5	
Lead			6.4		5	
Selenium			<rdl< td=""><td></td><td>5</td></rdl<>		5	

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

<RDL

5

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Silver

ANALYSIS: PAH's

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Method Ref: 3550A/8270B

Date Analyzed:	3/18/98	Date Ext/Dig/Prep:	3/16/98 Re	sult Units: ug/Kg
Analyte Name	,		Analytical Results	Reported Detection Limi
1-Methylnaphthaler	ıe		9,500	3300
2-Methylnaphthaler	ne		8,100	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)fluoranthe	ne		<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(g,h,i)perylen	e		<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(k)fluoranthe	ne		<rdl< td=""><td>3300</td></rdl<>	3300
Chrysene			<rdl< td=""><td>3300</td></rdl<>	3300
Dibenzo(a,h)anthrae	cene		<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)py	rene		<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		Me	ethod Ref: 3550A/8082
Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/5/98 Res	sult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
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: Pestic	cides	•	Me	thod Ref: 3550A/8081A
Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/5/98 Res	sult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
1,4'-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
lpha-BHC			<rdl< td=""><td>2</td></rdl<>	2
lpha-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
beta-BHC			<rdl< td=""><td>4</td></rdl<>	4
oeta-Endosulfan			<rdl< td=""><td>2</td></rdl<>	2
Jora Mildoullall				

Client Sample ID: EB-J7

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AALSample ID #: AB38561 Accura Project #: 15823

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

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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 Resu	lts 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 Resu	Its Reported Detection Limits
Mercury (Reg Limi	= 0.2)		<rdl< td=""><td>. 0.1</td></rdl<>	. 0.1
ANALYSIS: TCL	P 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	lts <u>Reported Detection Limits</u>
Arsenic (Reg Limit	-		<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 = 5			<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Lim Silver (Reg Limit =			<rdl <rdl< td=""><td>1</td></rdl<></rdl 	1
Suver (Reg Lunit –	5.0)		\KDL	1
ANALYSIS: X DI	RO QC Surrog	ates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/15/98	Date Ext/Dig/Prep:	3/12/98	Result Units: %
Analyte Name			Analytical Resu	Its Reported Detection Limits
o-Terphenyl			See narrati	ve 0
<u>ANALYSIS: X PA</u>	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 Resu	Its Reported Detection Limits
2-Fluorobiphenyl			74	0
ACCURA ANALYTICA	L LABORATORY	, INC. <rdl< td=""><td>= Less than Reported</td><td>Detection Limit Pg 7 of 40</td></rdl<>	= Less than Reported	Detection Limit Pg 7 of 40
Client Sample ID: El	3-J7		AALSample ID	#: AB38561 Accura Project #: 15823

Nitrobenzene-d5 p-Terphenyl-d14

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89 70

ANALYSIS: X Pest	t/PCB QC Su	rrogates (Soils)		Method Ref: 3550A/8081/2
Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/5/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
Decachlorobiphenyl			46	0
Tetrachloro-m-xylene	•		68	0
ANALYSIS X VO	C OC Surroa	rates (Saile)		Mathod Dafe 82604
ANALYSIS: X VO				Method Ref: 8260A
ANALYSIS: X VO Date Analyzed;	C QC Surrog 3/9/98	ates (Soils) Date Ext/Dig/Prep:	3/9/98	Method Ref: 8260A Result Units: %
			3/9/98 Analytical Resul	Result Units: %
Date Analyzed;	3/9/98			Result Units: %
Date Analyzed; <u>Analyte Name</u>	3/9/98 4		Analytical Resul	Result Units: % ts Reported Detection Limits

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<RDL = Less than Reported Detection Limit

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38562		Accura Project #: 15823			
Client: Omega Env. Services - Tucker			Date Sampled:	3/3/98	
Client Contact: T	. SHEPPARD			Date Received:	3/4/98
Client Project Num	ient Project Number: DACA21-97-C-0042			Date Reported:	3/19/98
Client Project Name		AAF FIRE TRAININ	GAREA	Sample Matrix:	
Client Sample ID:	EB-J6		O MUSIC	Sumpto HuutiA	JOIL
ANALYSIS: BTE	x			Method Ref: 5030A/82	60A
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/9/98	Result Units: ug/Kg	
Analyte Name			Analytical Result	s Reported Dete	ection Limits
Benzene			3,900	130	00
Ethyl benzene			32,000	130	00
Toluene			<rdl< td=""><td>130</td><td>)0</td></rdl<>	130)0
Xylenes			28,000	130	00
ANALYSIS: Diese	l Range Organ	uics (DRO)		Method Ref: 3550A/80	15
Date Analyzed:	3/15/98	Date Ext/Dig/Prep:	3/12/98	Result Units: mg/Kg	
Analyte Name			Analytical Result	Reported Dete	ection Limits
Diesel Range Organ	ics (DRO)		7,200	100	00
ANALYSIS: Meta	<u>ls - Mercury -</u>	RCRA		Method Ref: 7471A	
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/Kg	
Analyte Name			Analytical Result	Reported Dete	ction Limits
Mercury			<rdl< td=""><td>0.5</td><td>5</td></rdl<>	0.5	5
ANALYSIS: Meta	ls - RCRA			Method Ref: 3050B/601	0B
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/Kg	
Analyte Name			Analytical Result	Reported Dete	ction Limits
Arsenic			<rdl< td=""><td>5</td><td></td></rdl<>	5	
Barium			13	5	
Cadmium			<rdl< td=""><td>0.5</td><td>5</td></rdl<>	0.5	5
Chromium			<rdl< td=""><td>5</td><td></td></rdl<>	5	
Lead			6.3	5	
Selenium			<rdl< td=""><td>5</td><td></td></rdl<>	5	
Silver			<rdl< td=""><td>5</td><td></td></rdl<>	5	
ACCURA ANALYTICA			= Less than Reported D		Pg 9 of 40

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AALSample ID #: AB38562 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 Resul	ts Reported Detection Limits
1-Methylnaphthalen	e		25,000	3300
2-Methylnaphthalen	e		27,000	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)fluoranther	ie		<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(g,h,i)perylen	e		<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(k)fluoranther	ne		<rdl< td=""><td>3300</td></rdl<>	3300
Chrysene			<rdl< td=""><td>3300</td></rdl<>	3300
Dibenzo(a,h)anthrac	ene		<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)pyr	ene		<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'	5			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>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

3/7/98

Date Analyzed:

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

Method Ref: 3550A/8081A Resu

ilt Units:	ug/Kg
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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>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

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AALSample ID #: AB38562 Accura Project #: 15823

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

<u>ANALYSIS: TCL</u>	P Extraction P	rocedure		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 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 Limi	t = 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCL	P 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	Its <u>Reported Detection Limits</u>
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	,		<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Lin			<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = :			<rdl< td=""><td>[</td></rdl<>	[
Selenium (Reg Lim			<rdl< td=""><td>I</td></rdl<>	I
Silver (Reg Limit =	5.0)		<rdl< td=""><td>1</td></rdl<>	1
ANALYSIS: X D	RO QC Surrog	ates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/15/98	Date Ext/Dig/Prep:	3/12/98	Result Units: %
Analyte Name			Analytical Resu	Its <u>Reported Detection Limits</u>

o-Terphenyl

Date Analyzed:

Analyte Name

(

2-Fluorobiphenyl

(

Date Ext/Dig/Prep: 3/16/98

0

Reported Detection Limits

0

ANALYSIS: X PAH/BN QC Surrogates (Soils)

3/18/98

AALSample ID #: AB38562 Accura Project #: 15823

Result Units:

Method Ref: 3550A/8270B

%

See narrative

Analytical Results

107

Nitrobenzene-d5			14	0
p-Terphenyl-d14			86	0
ANALYSIS: X Pes	t/PCB QC S	urrogates (Soils)		Method Ref: 3550A/8081/2
Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/5/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
Anaryto Ramo			<u>Zinaryticar (Cou</u>	<u>Reported Detection Emilies</u>
Decachlorobiphenyl			54	0
Tetrachloro-m-xylen	e		76	0
<u>ANALYSIS: X_VO</u>	C QC Surro	gates (Soils)		Method Ref: 8260A
ANALYSIS: X VO	C QC Surro 3/9/98	gates (Soils) Date Ext/Dig/Prep:	3/9/98	Method Ref: 8260A Result Units: %
		-	3/9/98 Analytical Resul	Result Units: %
Date Analyzed:	3/9/98	-		Result Units: %
Date Analyzed: <u>Analyte Name</u>	3/9/98 14	-	Analytical Resul	Result Units: % ts Reported Detection Limits
Date Analyzed: <u>Analyte Name</u> 1,2-Dichloroethane-o	3/9/98 14	-	Analytical Resul	Result Units: % <u>ts Reported Detection Limits</u> 0
Date Analyzed: <u>Analyte Name</u> 1,2-Dichloroethane-c 4-Bromofluorobenze	3/9/98 14	-	Analytical Resul 106 133	Result Units: % ts <u>Reported Detection Limits</u> 0 0

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura S	ample ID #:	AB38563	Acci	ıra Project #: 15823	
Client: Omega Env. Services - Tucker				Date Sampled: 3/3/98	
Client Contact:	C. SHEPPARD		Date Received: 3/4/98 Date Reported: 3/19/9		
Client Project Nur	ber: DACA21	-97-C-0042			
Client Project Nam		R AAF FIRE TRAININ	GAREA	Sample Matrix: SOIL	
Client Sample ID:					
ANALYSIS: BTE	Y			Method Ref: 5030A/8260A	
		Data Eut/Dia/Drand	2/7/09		
Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/7/98	Result Units: ug/Kg	
<u>Analyte Name</u>			Analytical Resul	ts Reported Detection Limits	
Benzene			16	5	
Ethyl benzene			<rdl< td=""><td>5</td></rdl<>	5	
Toluene			<rdl< td=""><td>5</td></rdl<>	5	
Xylenes			<rdl< td=""><td>5</td></rdl<>	5	
ANALYSIS: Dies	el Range Orga	nics (DRO)		Method Ref: 3550A/8015	
Date Analyzed:	3/16/98	Date Ext/Dig/Prep:	3/12/98	Result Units: mg/Kg	
Analyte Name		,	Analytical Resul	ts <u>Reported Detection Limit</u>	
Diesel Range Orga	nics (DRO)		36	10	
ANALYSIS: Meta	als - Mercury -	RCRA		Method Ref: 7471A	
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/Kg	
Analyte Name			Analytical Resul	ts Reported Detection Limits	
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5	
ANALYSIS: Meta	als - RCRA			Method Ref: 3050B/6010B	
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/Kg	
Analyte Name			Analytical Resul	ts Reported Detection Limits	
Arsenic			<rdl< td=""><td>5</td></rdl<>	5	
Barium			7.9	5	
Cadmium			<rdl< td=""><td>0.5</td></rdl<>	0.5	
Chromium			<rdl< td=""><td>5</td></rdl<>	5	
Lead			5.8	5	
		-	<rdl< td=""><td>5</td></rdl<>	5	
Selenium Silver			<rdl< td=""><td>5</td></rdl<>	5	

Client Sample ID: EB-J5

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AALSample ID #: AB38563 Accura Project #: 15823

Date Analyzed:	3/18/98	Date Ext/Dig/Prep:	3/16/98	Result Units: ug/Kg
Dale Analyzeu.	J/10/70		5/10/96	Result Units: ug/Kg
Analyte Name		`.	Analytical Resul	ts <u>Reported Detection Limi</u>
1-Methylnaphthale	ne		<rdl< td=""><td>3300</td></rdl<>	3300
2-Methylnaphthale	ne		<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)anthracen	e		<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)pyrene			<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(b)fluoranthe	ene		<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(g,h,i)peryler			<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(k)fluoranthe			<rdl< td=""><td>3300</td></rdl<>	3300
Chrysene			<rdl< td=""><td>3300</td></rdl<>	3300
Dibenzo(a,h)anthra	cene		<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)py	rene		<rdl< td=""><td>3300</td></rdl<>	3300
Naphthalene	Tene		<rdl <rdl< td=""><td></td></rdl<></rdl 	
Phenanthrene			<rdl <rdl< td=""><td>3300</td></rdl<></rdl 	3300
Pyrene			<rdl <rdl< td=""><td>3300</td></rdl<></rdl 	3300
I yrono				3300
<u>ANALYSIS: PCB</u>	's			Method Ref: 3550A/8082
Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/5/98	Result Units: ug/Kg
Analyte Name			Analytical Result	ts Reported Detection Limit
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: Pesti	cides			Method Ref; 3550A/8081A
Date Analyzed:	3/7/98	 Date Ext/Dig/Prep:	3/5/98	Result Units: ug/Kg
Analyte Name			Analytical Result	
4,4'-DDD			9.0	2
4,4'-DDE			9.0 15	2
4,4'-DDE 4,4'-DDT			<rbr></rbr> RDL	
Aldrin				2
			<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

<RDL = Less than Reported Detection Limit

<RDL

<RDL

<RDL

Pg 14 of 40

2 2

2

beta-BHC

delta-BHC

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beta-Endosulfan

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AALSample ID #: AB38563 Accura Project #: 15823

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:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	
Analyte Name			Analytical Res	ults 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 Res	alts 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:	3/10/98	Date Ext/Dig/Prep:	3/10/98	Result Units: mg/L	
Analyte Name			Analytical Rest	alts <u>Reported Detection Limits</u>	
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	it = 1.0)		<rdl< td=""><td>1</td></rdl<>	1	
Silver (Reg Limit =	5.0)		<rdl< td=""><td>1</td></rdl<>	1	
ANALYSIS: X D	RO QC Surros	gates (Soil)	Method Ref: 3550A/8015		
Date Analyzed:	3/16/98	Date Ext/Dig/Prep:	3/12/98	Result Units: %	
Analyte Name			Analytical Resu	Its Reported Detection Limits	
o-Terphenyl			82	0	
<u>ANALYSIS: X P</u>	AH/BN QC Su	rrogates (Soils)		Method Ref: 3550A/8270B	
Date Analyzed:	3/18/98	Date Ext/Dig/Prep:	3/16/98	Result Units: %	
Analyte Name			Analytical Resu	Its <u>Reported Detection Limits</u>	
2-Fluorobiphenyl			63	0	
ACCURA ANALYTIC	AL LABORATOR	Y, INC. <rdl< td=""><td>= Less than Reported</td><td>Detection Limit Pg 15 of 40</td></rdl<>	= Less than Reported	Detection Limit Pg 15 of 40	
Client Sample ID: E	B-J5		AALSample ID	#: AB38563 Accura Project #: 15823	

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Nitrobenzene-d5 p-Terphenyl-d14 10 74

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 Resul	lts <u>Re</u>	eported Detection Limits
Decachlorobiphenyl			82		0
Tetrachloro-m-xylene	;		89		0
ANALYSIS: X VO				Method Ref:	020011
Date Analyzed;	3/7/98	Date Ext/Dig/Prep:	3/7/98	Result Units:	%
Analyte Name			Analytical Resul	lts <u>Re</u>	ported Detection Limits

1,2-Dichloroethane-d4 4-Bromofluorobenzene Toluene-d8 cical ResultsReported Detection L93011401400

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AALSample ID #: AB38563 Accura Project #: 15823

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Client: Omega E	ny Sorviges	Tucker		Date Sampled: 3/3/98	
_		I ULKLI	-		
Client Contact: 1	, SHEPPARD			Date Received: 3/4/98	
Client Project Num	iber: DACA2	1-97-C-0042		Date Reported: 3/19/98	
Client Project Nam	e: HUNTE	R AAF FIRE TRAININ	G AREA	Sample Matrix: SOIL	
Client Sample ID:	EB-J4				
ANALYSIS: BTE	X			Method Ref: 5030A/8260A	
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/11/98	Result Units: ug/Kg	
Analyte Name			Analytical Resul	ts Reported Detection Limits	
Benzene			10	5	
Ethyl benzene			<rdl< td=""><td>5</td></rdl<>	5	
Toluene			<rdl< td=""><td>5</td></rdl<>	5	
Xylenes			<rdl< td=""><td>5</td></rdl<>	5	
ANALYSIS: Diesel Range Organics (DRO)			Method Ref: 3550A/8015		
Date Analyzed:	3/15/98	Date Ext/Dig/Prep:	: 3/12/98 Result Units: mg/Kg		
Analyte Name			Analytical Resul	ts Reported Detection Limits	
Diesel Range Orga	nics (DRO)		13	10	
ANALYSIS: Meta	als - Mercury ·	- RCRA		Method Ref: 7471A	
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/Kg	
Analyte Name			Analytical Resul	ts Reported Detection Limits	
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5	
ANALYSIS: Meta	als - RCRA			Method Ref: 3050B/6010B	
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/6/98	Result Units: mg/Kg	
Analyte Name			Analytical Resul	ts Reported Detection Limits	
Arsenic			<rdl< td=""><td>5</td></rdl<>	5	
Barium			10	5	
Cadmium			<rdl< td=""><td>0.5</td></rdl<>	0.5	
Chromium			<rdl< td=""><td>5</td></rdl<>	5	
Lead			10	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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ANALYSIS: PAH's

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Method Ref: 3550A/8270B

<u>ANALYSIS: PAH</u>				
Date Analyzed:	3/18/98	Date Ext/Dig/Prep:	3/16/98 Re	esult Units: ug/Kg
Analyte Name			Analytical Results	Reported Detection Limit
I-Methylnaphthale	ne		<rdl< td=""><td>3300</td></rdl<>	3300
2-Methylnaphthale	ne		<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	2		<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(a)pyrene			<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(b)fluoranthe	ne		<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(g,h,i)peryler	1e		<rdl< td=""><td>3300</td></rdl<>	3300
Benzo(k)fluoranthe	ne		<rdl< td=""><td>3300</td></rdl<>	3300
Chrysene			<rdl< td=""><td>3300</td></rdl<>	3300
Dibenzo(a,h)anthra	cene		<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)py	rene		<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		М	ethod Ref: 3550A/8082
Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/5/98 Re	esult 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
			<rdl< td=""><td>40</td></rdl<>	40
PCB-1232			-10-12	
PCB-1232 PCB-1242			<rdl< td=""><td>20</td></rdl<>	20
				20 20
PCB-1242			<rdl< td=""><td></td></rdl<>	
PCB-1242 PCB-1248 PCB-1254			<rdl <rdl< td=""><td>20</td></rdl<></rdl 	20
PCB-1242 PCB-1248	cides		<rdl <rdl <rdl <rdl< td=""><td>20 20</td></rdl<></rdl </rdl </rdl 	20 20
PCB-1242 PCB-1248 PCB-1254 PCB-1260	<u>cides</u> 3/7/98	 Date Ext/Dig/Prep:	<rdl <rdl <rdl <rdl< td=""><td>20 20 20</td></rdl<></rdl </rdl </rdl 	20 20 20
PCB-1242 PCB-1248 PCB-1254 PCB-1260 <u>ANALYSIS:</u> <u>Pesti</u> Date Analyzed:		Date Ext/Dig/Prep:	<rdl <rdl <rdl <rdl< td=""><td>20 20 20 ethod Ref: 3550A/8081A esult Units: ug/Kg</td></rdl<></rdl </rdl </rdl 	20 20 20 ethod Ref: 3550A/8081A esult Units: ug/Kg
PCB-1242 PCB-1248 PCB-1254 PCB-1260 <u>ANALYSIS: Pesti</u> Date Analyzed: <u>Analyte Name</u>		Date Ext/Dig/Prep:	<rdl <rdl <rdl <rdl 3/5/98 Re</rdl </rdl </rdl </rdl 	20 20 20 ethod Ref: 3550A/8081A esult Units: ug/Kg
PCB-1242 PCB-1248 PCB-1254 PCB-1260 ANALYSIS: Pesti Date Analyzed: <u>Analyte Name</u> 4,4'-DDD		 Date Ext/Dig/Prep:	<rdl <rdl <rdl <rdl 3/5/98 Re Analytical Results</rdl </rdl </rdl </rdl 	20 20 20 ethod Ref: 3550A/8081A esult Units: ug/Kg <u>Reported Detection Limits</u>
PCB-1242 PCB-1248 PCB-1254 PCB-1260 ANALYSIS: Pesti		Date Ext/Dig/Prep:	<rdl <rdl <rdl <rdl M 3/5/98 Re <u>Analytical Results</u> 6.3</rdl </rdl </rdl </rdl 	20 20 20 ethod Ref: 3550A/8081A esult Units: ug/Kg <u>Reported Detection Limits</u> 2
PCB-1242 PCB-1248 PCB-1254 PCB-1260 ANALYSIS: Pesti Date Analyzed: Analyte Name 4,4'-DDD 4,4'-DDE 4,4'-DDE 4,4'-DDT		Date Ext/Dig/Prep:	<rdl <rdl <rdl <rdl M 3/5/98 Re <u>Analytical Results</u> 6.3 <rdl< td=""><td>20 20 20 ethod Ref: 3550A/8081A esult Units: ug/Kg <u>Reported Detection Limits</u> 2 2</td></rdl<></rdl </rdl </rdl </rdl 	20 20 20 ethod Ref: 3550A/8081A esult Units: ug/Kg <u>Reported Detection Limits</u> 2 2
PCB-1242 PCB-1248 PCB-1254 PCB-1260 ANALYSIS: Pesti Date Analyzed: Analyte Name 4,4'-DDD 4,4'-DDE 4,4'-DDT Aldrin		Date Ext/Dig/Prep:	<rdl <rdl <rdl <rdl 3/5/98 Re <u>Analytical Results</u> 6.3 <rdl <rdl< td=""><td>20 20 20 ethod Ref: 3550A/8081A esult Units: ug/Kg <u>Reported Detection Limits</u> 2 2 6</td></rdl<></rdl </rdl </rdl </rdl </rdl 	20 20 20 ethod Ref: 3550A/8081A esult Units: ug/Kg <u>Reported Detection Limits</u> 2 2 6
PCB-1242 PCB-1248 PCB-1254 PCB-1260 ANALYSIS: Pesti Date Analyzed: Analyte Name 4,4'-DDD 4,4'-DDE 4,4'-DDT Aldrin alpha-BHC		 Date Ext/Dig/Prep:	<rdl <rdl <rdl <rdl <rdl M 3/5/98 Re <u>Analytical Results</u> 6.3 <rdl <rdl <rdl <rdl< td=""><td>20 20 20 ethod Ref: 3550A/8081A esult Units: ug/Kg <u>Reported Detection Limits</u> 2 2 6 2</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl 	20 20 20 ethod Ref: 3550A/8081A esult Units: ug/Kg <u>Reported Detection Limits</u> 2 2 6 2
PCB-1242 PCB-1248 PCB-1254 PCB-1260 ANALYSIS: Pesti Date Analyzed: Analyte Name 4,4'-DDD 4,4'-DDE 4,4'-DDE 4,4'-DDT		 Date Ext/Dig/Prep:	<rdl <rdl <rdl <rdl <rdl M 3/5/98 Re <u>Analytical Results</u> 6.3 <rdl <rdl <rdl <rdl <rdl< td=""><td>20 20 20 ethod Ref: 3550A/8081A esult Units: ug/Kg <u>Reported Detection Limits</u> 2 2 6 2 2 2</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl 	20 20 20 ethod Ref: 3550A/8081A esult Units: ug/Kg <u>Reported Detection Limits</u> 2 2 6 2 2 2
PCB-1242 PCB-1248 PCB-1254 PCB-1260 ANALYSIS: Pesti Date Analyzed: Analyte Name 4,4'-DDD 4,4'-DDE 4,4'-DDE 4,4'-DDT Aldrin alpha-BHC alpha-BHC alpha-Endosulfan		Date Ext/Dig/Prep:	<rdl <rdl <rdl <rdl <rdl M 3/5/98 Re <u>Analytical Results</u> 6.3 <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>20 20 20 eethod Ref: 3550A/8081A esult Units: ug/Kg <u>Reported Detection Limits</u> 2 2 6 2 2 2 2 2 2</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl </rdl 	20 20 20 eethod Ref: 3550A/8081A esult Units: ug/Kg <u>Reported Detection Limits</u> 2 2 6 2 2 2 2 2 2

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 18 of 40

Client Sample ID: EB-J4

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AALSample ID #: AB38564 Accura Project #: 15823

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	<pre>RDL</pre>	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 I	Ref: 1311

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MIANTOD: ICH	L L'ALLACTION	ITOccure		Moulou Rol, 1911
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:
Analyte Name			Analytical Rest	ults 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 Rest	ults <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
Date Analyzed:	3/10/98	Date Ext/Dig/Prep:	3/10/98	Result Units: mg/L
Analyte Name			Analytical Resu	ults <u>Reported Detection Limits</u>
Arsenic (Reg Limit	= 5.0)		<rdl< td=""><td>1</td></rdl<>	1
Barium (Reg Limit	-		<rdl< td=""><td>1</td></rdl<>	1
Cadmium (Reg Lin	iit = 1.0)		<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Lii	nit = 5.0)		<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit = :	5.0)		<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Lim	it = 1.0)		<rdl< td=""><td>1</td></rdl<>	1
Silver (Reg Limit =	5.0)		<rdl< td=""><td>I .</td></rdl<>	I .
ANALYSIS: X D	RO QC Surro	ogates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/15/98	Date Ext/Dig/Prep:	3/12/98	Result Units: %
Analyte Name			Analytical Rest	Ilts Reported Detection Limit
o-Terphenyl			75	0
ANALYSIS: X PA	AH/BN QC S	urrogates (Soils)		Method Ref: 3550A/8270B
Date Analyzed:	3/18/98	Date Ext/Dig/Prep:	3/16/98	Result Units: %
Analyte Name			Analytical Resu	Ilts Reported Detection Limits
2-Fluorobiphenyl			51	0
ACCURA ANALYTIC	L LABORATO	RY, INC. <rdl< td=""><td>= Less than Reported</td><td>1 Detection Limit Pg 19 of 40</td></rdl<>	= Less than Reported	1 Detection Limit Pg 19 of 40
Client Sample ID: El	B-J4		AALSample ID	#: AB38564 Accura Project #: 15823

Nitrobenzene-d5 p-Terphenyl-d14			0 80		0 0
ANALYSIS: X Pes	<u>t/PCB QC Sur</u> 3/7/98	rrogates (Soils) Date Ext/Dig/Prep:	3/5/98	Method Ref: Result Units:	3550A/8081/2 %
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
Decachlorobiphenyl Tetrachloro-m-xylene	e		111 83		0 0
<u>ANALYSIS: X VO</u>	C QC Surroga	ates (Soils)		Method Ref:	8260A
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/11/98	Result Units:	%
Analyte Name			Analytical Resul	ts <u>Re</u>	ported Detection Limits
1,2-Dichloroethane-d	14		104		0
4-Bromofluorobenze	ne		132		0
Toluene-d8			113		0

hangehen Accura Analytical Laboratory, Inc.

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AALSample ID #: AB38564 Accura Project #: 15823

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

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38565			Accura Project #: 15823			
Client: Omega E	nv. Services - T	ucker		Date Sampled: 3/3/98		
Client Contact: T	. SHEPPARD		Date Received: 3/4/98 Date Reported: 3/19/9			
Client Project Num	ber: DACA21	-97-C-0042				
Client Project Nam	e: HUNTER	AAF FIRE TRAININ	G AREA	Sample Matrix: SOIL		
Client Sample ID: EW-J4				1		
<u>ANALYSIS: BTE</u>	x		М	ethod Ref: 5030A/8260A		
Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/7/98 Re	esult Units: ug/Kg		
Analyte Name			Analytical Results	Reported Detection Limit		
Benzene			<rdl< td=""><td>5</td></rdl<>	5		
Ethyl benzene			<rdl< td=""><td>5</td></rdl<>	5		
Toluene		· • •	<rdl< td=""><td>5</td></rdl<>	5		
Xylenes			<rdl< td=""><td>5</td></rdl<>	5		
ANALYSIS: Diesel Range Organics (DRO)			Method Ref: 3550A/8015			
Date Analyzed:	3/14/98	Date Ext/Dig/Prep:	3/12/98 Re	sult Units: mg/Kg		
Analyte Name			Analytical Results	Reported Detection Limits		
Diesel Range Orga	nics (DRO)		10	10		
ANALYSIS: Meta	uls - Mercury - I	RCRA	M	ethod Ref: 7471A		
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98 Re	sult Units: mg/Kg		
Analyte Name			Analytical Results	Reported Detection Limits		
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5		
ANALYSIS: Meta	ıls - RCRA		Method Ref: 3050B/6010B			
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/6/98 Re	sult Units: mg/Kg		
Analyte Name			Analytical Results	Reported Detection Limits		
Arsenic			<rdl< td=""><td>5</td></rdl<>	5		
Barium			9.4	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		

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AALSample ID #: AB38565 Accura Project #: 15823

ANALYSIS: PAH's

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Method Ref: 3550A/8270B

Date Analyzed:	3/18/98	Date Ext/Dig/Prep:	3/16/98	Result Units:	ug/Kg
Analyte Name			Analytical Result	<u>s Repo</u>	rted Detection Limits
I-Methylnaphthaler	ie		<rdl< td=""><td></td><td>330</td></rdl<>		330
2-Methylnaphthaler	ie		<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)fluoranthe	ne		<rdl< td=""><td></td><td>330</td></rdl<>		330
Benzo(g,h,i)perylen	e		<rdl< td=""><td></td><td>330</td></rdl<>		330
Benzo(k)fluoranther	ne		<rdl< td=""><td></td><td>330</td></rdl<>		330
Chrysene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Dibenzo(a,h)anthrac	ene		<rdl< td=""><td></td><td>330</td></rdl<>		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)pyr	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

ANALYSIS: PCB's Method Ref: 3550A/8082 Date Analyzed: Date Ext/Dig/Prep: 3/5/98 3/7/98 Result Units: ug/Kg Analyte Name Analytical Results **Reported Detection Limits** PCB-1016 <RDL 20 PCB-1221 <RDL 40 PCB-1232 <RDL 40 PCB-1242 <RDL 20 PCB-1248 <RDL 20 PCB-1254 <RDL 20 PCB-1260 <RDL 20

ANALYSIS: Pestic	ides		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 ANALYTICA	L LABORATOR	Y, INC. <rdl< td=""><td>= Less than Reported D</td><td>etection Limit Pg 22 of 40</td></rdl<>	= Less than Reported D	etection Limit Pg 22 of 40	

Client Sample ID: EW-J4

AALSample ID #: AB38565 Accura Project #: 15823

Dieldrin	<rdl< th=""><th>4</th></rdl<>	4
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

<u>ANALYSIS: TCI</u>	P Extraction 1	Procedure		Method Ref:	1311
Date Analyzed:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	
Analyte Name			Analytical Res	ults <u>Re</u> r	ported 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 Res	ults <u>Re</u> r	ported Detection Limits
Mercury (Reg Lim	it = 0.2)		<rdl< td=""><td></td><td>0.1</td></rdl<>		0.1
ANALYSIS: TCL	P Metals			Method Ref:	3010A/6010B
Date Analyzed:	3/10/98	Date Ext/Dig/Prep:	3/10/98	Result Units:	mg/L
Analyte Name			Analytical Res	ults Rer	ported Detection Limits
Arsenic (Reg Limit	t = 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 Lin			<rdl< td=""><td></td><td>1</td></rdl<>		1
Chromium (Reg Li			<rdl< td=""><td></td><td>I . ·</td></rdl<>		I . ·
Lead (Reg Limit =			<rdl< td=""><td></td><td>1</td></rdl<>		1
Selenium (Reg Lim Silver (Reg Limit =			<rdl <rdl< td=""><td></td><td>1 1</td></rdl<></rdl 		1 1
ANALYSIS: X D	RO QC Surro	gates (Soil)		Method Ref:	3550A/8015
Date Analyzed:	3/14/98	Date Ext/Dig/Prep:	3/12/98	Result Units:	%
Analyte Name			Analytical Res	ults Rep	ported Detection Limits
o-Terphenyl			59		0
ANALYSIS: X P.	AH/BN QC Su	urrogates (Soils)		Method Ref:	3550A/8270B
Date Analyzed:	3/18/98	Date Ext/Dig/Prep:	3/16/98	Result Units:	%
Analyte Name			Analytical Res	ults <u>Rer</u>	ported Detection Limits
2-Fluorobiphenyl			80		0
ACCURA ANALYTIC	AL LABORATOR	Y, INC. <rdl< td=""><td>= Less than Reporte</td><td>d Detection Limit</td><td>Pg 23 of 40</td></rdl<>	= Less than Reporte	d Detection Limit	Pg 23 of 40
Client Sample ID: E	W-J4		AALSample II)#: AB38565 A	ccura Project #: 15823

Nitrobenzene-d5			64	0
p-Terphenyl-d14			77	0
ANALYSIS: X Pes	t/PCB QC S	urrogates (Soils)		Method Ref: 3550A/8081/2
Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/5/98	Result Units: %
Analyte Name			Analytical Res	ults Reported Detection Limits
Decachlorobiphenyl			101	0
Tetrachloro-m-xylen	e		87	0
ANALYSIS: X VO	<u>C QC Surro</u>	gates (Soils)		Method Ref: 8260A
Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/7/98	Result Units: %
Analyte Name			Analytical Res	ults Reported Detection Limits
1,2-Dichloroethane-o	14		97	0

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ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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4-Bromofluorobenzene

Toluene-d8

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

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

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 Resul	ts <u>Rer</u>	oorted Detection Limits
1,1,1-Trichloroetha	ne		<rdl< td=""><td></td><td>5</td></rdl<>		5
1,1,2,2-Tetrachloro	ethane		<rdl< td=""><td></td><td>5</td></rdl<>		5
1,1,2-Trichloroetha	ne		<rdl< td=""><td></td><td>5</td></rdl<>		5
1,1-Dichloroethane			<rdl< td=""><td></td><td>5</td></rdl<>		5
1,1-Dichloroethene			<rdl< td=""><td></td><td>5</td></rdl<>		5
1,2-Dichlorobenzen	e		<rdl< td=""><td></td><td>5</td></rdl<>		5
1,2-Dichloroethane			<rdl< td=""><td></td><td>5</td></rdl<>		5
1,2-Dichloropropan	e		<rdl< td=""><td></td><td>5</td></rdl<>		5
1,3-Dichlorobenzen	e		<rdl< td=""><td></td><td>5</td></rdl<>		5
1,4-Dichlorobenzen	e		<rdl< td=""><td></td><td>5</td></rdl<>		5
2-Butanone (MEK))		<rdl< td=""><td></td><td>50</td></rdl<>		50
2-Chloroethylvinyl	ether		<rdl< td=""><td></td><td>10</td></rdl<>		10
2-Hexanone			<rdl< td=""><td></td><td>50</td></rdl<>		50
4-Methyl-2-pentanc	one (MIBK)		<rdl< td=""><td></td><td>50</td></rdl<>		50
Acetone			<rdl< td=""><td></td><td>50</td></rdl<>		50
Benzene			<rdl< td=""><td></td><td>5</td></rdl<>		5
Bromodichlorometh	ane		<rdl< td=""><td></td><td>5</td></rdl<>		5
Bromoform			<rdl< td=""><td></td><td>5</td></rdl<>		5
Bromomethane			<rdl< td=""><td></td><td>5</td></rdl<>		5
Carbon disulfide			<rdl< td=""><td></td><td>5</td></rdl<>		5
Carbon tetrachloride	ð		<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-Dichloroethe	ene		<rdl< td=""><td></td><td>5</td></rdl<>		5
cis-1,3-Dichloropro	pene		<rdl< td=""><td></td><td>5</td></rdl<>		5
Dibromochlorometh	nane		<rdl< td=""><td></td><td>5</td></rdl<>		5
Ethylbenzene			<rdl< td=""><td></td><td>5</td></rdl<>		5
Methylene chloride			<rdl< td=""><td></td><td>5</td></rdl<>		5
Styrene			<rdl< td=""><td></td><td>5</td></rdl<>		5
Tetrachloroethene			<rdl< td=""><td></td><td>5</td></rdl<>		5

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<RDL = Less than Reported Detection Limit

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<rdl< th=""><th>5</th></rdl<>	5
<rdl< td=""><td>5</td></rdl<>	5
<rdl< td=""><td>100</td></rdl<>	100
<rdl< td=""><td>2</td></rdl<>	2
<rdl< td=""><td>5</td></rdl<>	5
	<rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""></rdl<></rdl </rdl </rdl </rdl </rdl </rdl

<u>ANALYSIS: X VO</u>	OC QC Surrog	ates (Waters)		Method Ref: 8260A	
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/11/98	Result Units: %	
Analyte Name			Analytical Resul	lts Reported Detection Limits	5
1,2-Dichloroethane-	d4		88	0	
4-Bromofluorobenze	ene		100	0	
Toluene-d8			101	0	

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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 #: 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 TRAI	INING AREA Sample Matrix: SOIL
Client Sample ID: EB-H4	
ANALYSIS: BTEX	Method Ref: 5030A/8260A
Date Analyzed: 3/9/98 Date Ext/Dig/Pr	rep: 3/9/98 Result Units: ug/Kg
Analyte Name	Analytical Results Reported Detection Limits
Benzene	<rdl 10<="" td=""></rdl>
Ethyl benzene	<rdl 10<="" td=""></rdl>
Toluene	<rdl 10<="" td=""></rdl>
Xylenes	<rdl 10<="" td=""></rdl>
ANALYSIS: Diesel Range Organics (DRO)	Method Ref: 3550A/8015
Date Analyzed: 3/14/98 Date Ext/Dig/Pr	rep: 3/12/98 Result Units: 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/Pr	rep: 3/6/98 Result Units: mg/Kg
Analyte Name	Analytical Results Reported Detection Limits
Mercury	<rdl 0.5<="" td=""></rdl>
ANALYSIS: Metals - RCRA	Method Ref: 3050B/6010B
Date Analyzed: 3/9/98 Date Ext/Dig/Pr	rep: 3/6/98 Result Units: mg/Kg
Analyte Name	Analytical Results Reported Detection Limits

<RDL 5 Arsenic Barium 7.8 5 Cadmium <RDL 0.5 24 Chromium <RDL 5 Lead <RDL 5 Selenium <RDL 5 Silver <RDL 5

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<RDL = Less than Reported Detection Limit

ANALYSIS: PAI	H's			Method Ref:	3550A/8270B
Date Analyzed:	3/18/98	Date Ext/Dig/Prep:	3/16/98	Result Units:	ug/Kg
Analyte Name			Analytical Resul	ts <u>R</u> e	eported Detection Limits
1-Methylnaphthale	ene		<rdl< td=""><td></td><td>330</td></rdl<>		330
2-Methylnaphthale	ene		<rdl< td=""><td></td><td>330</td></rdl<>		330
Acenaphthene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Acenaphthylene			<rdl< td=""><td>2</td><td>330</td></rdl<>	2	330
Anthracene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Benzo(a)anthracen	e		<rdl< td=""><td></td><td>330</td></rdl<>		330
Benzo(a)pyrene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Benzo(b)fluoranth	ene		<rdl< td=""><td></td><td>330</td></rdl<>		330
Benzo(g,h,i)peryle			<rdl< td=""><td></td><td>330</td></rdl<>		330
Benzo(k)fluoranth			<rdl< td=""><td></td><td>330</td></rdl<>		330
Chrysene			<rdl< td=""><td></td><td>330</td></rdl<>		330
Dibenzo(a,h)anthra	acene		<rdl< td=""><td></td><td>330</td></rdl<>		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)py	/rene		<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
<u>ANALYSIS:</u> <u>PCB</u> Date Analyzed:	3/8/98	Date Ext/Dig/Prep:	3/5/98	Method Ref: Result Units:	3550A/8082 ug/Kg
Analyte Name			Analytical Result	<u>s 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
ANALYSIS: Pesti					3550A/8081A
Date Analyzed:	3/8/98	Date Ext/Dig/Prep:	3/5/98	Result Units:	ug/Kg
Analyte Name			Analytical Result	<u>s Re</u>	ported 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
			(DDI		_

<RDL = Less than Reported Detection Limit

<RDL

<RDL

<RDL

<RDL

2

2

2

2

alpha-Endosulfan

beta-Endosulfan

beta-BHC

delta-BHC

(

(

AALSample ID #: AB38567 Accura Project #: 15823

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: 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	<u>s</u> <u>Reported Detection Limits</u>
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	s <u>Reported Detection Limits</u>
Mercury (Reg Lim	it = 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCL	P 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	s 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 Lin	•		<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Li			<rdl< td=""><td>1</td></rdl<>	1
Lead (Reg Limit =			<rdl< td=""><td>1</td></rdl<>	1
Selenium (Reg Lim Silver (Reg Limit =			<rdl <rdl< td=""><td>Y · · ·</td></rdl<></rdl 	Y · · ·
ANALYSIS: X D	RO OC Surro	gates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/14/98	Date Ext/Dig/Prep:	3/12/98	Result Units: %
Analyte Name			Analytical Result	s Reported Detection Limits
o-Terphenyl			71	0
ANALYSIS: X P	AH/BN QC Su	urrogates (Soils)		Method Ref: 3550A/8270B
Date Analyzed:	3/18/98	Date Ext/Dig/Prep:	3/16/98	Result Units: %
Analyte Name			Analytical Resul	s Reported Detection Limits
2-Fluorobiphenyl			78	0
ACCURA ANALYTIC	AL LABORATOR	AY, INC. <rdl< td=""><td>= Less than Reported I</td><td>Detection Limit Pg 29 of 40</td></rdl<>	= Less than Reported I	Detection Limit Pg 29 of 40
Client Sample ID: E	B-114		AALSample ID #	: AB38567 Accura Project #: 15823

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Nitrobenzene-d5 p-Terphenyl-d14

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ANALYSIS: X Pest	PCB QC Su	rrogates (Soils)		Method Ref: 3550A/8081/2
Date Analyzed:	3/8/98	Date Ext/Dig/Prep:	3/5/98	Result Units: %
Analyte Name			Analytical Resul	s Reported Detection Limits
Decachlorobiphenyl			86	0
Tetrachloro-m-xylene	;		72	0
ANALYSIS: X VO	C OC Surrog	ates (Soils)		Method Ref: 8260A
ANALYSIS: X VO Date Analyzed;	<u>C QC Surrog</u> 3/9/98	ates (Soils) Date Ext/Dig/Prep:	3/9/98	Method Ref: 8260A Result Units: %
			3/9/98 Analytical Result	Result Units: %
Date Analyzed:	3/9/98			Result Units: %
Date Analyzed; Analyte Name	3/9/98 4		Analytical Result	Result Units: % s Reported Detection Limits
Date Analyzed; <u>Analyte Name</u> 1,2-Dichloroethane-de	3/9/98 4		Analytical Result	Result Units: % <u>s Reported Detection Limits</u> 0

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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 #: AB38568			Accura Project #: 15823		
Client: Omega Er	ıv. Services -	Tucker	Date Sampled: 3/3/98		
Client Contact: T	. SHEPPARD			Date Received: 3/4/98	
Client Project Num	ber: DACA2	1-97-C-0042	Date Reported: 3/19/98		
Client Project Name		R AAF FIRE TRAININ	-		
Client Sample ID:	EB-I4		O THUS	Sumple munix, 5011	
	120-14				
ANALYSIS: BTE	x	.		Method Ref: 5030A/8260A	
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: ug/Kg	
Analyte Name			Analytical Resul	<u>Reported Detection Limits</u>	
Benzene			<rdl< td=""><td>5</td></rdl<>	5	
Ethyl benzene			<rdl< td=""><td>5</td></rdl<>	5	
Toluene			<rdl< td=""><td>5</td></rdl<>	5	
Xylenes			<rdl< td=""><td>5</td></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	
<u>Analyte Name</u>			Analytical Result	<u>s</u> <u>Reported Detection Limits</u>	
Diesel Range Organ	ics (DRO)		<rdl< td=""><td>10</td></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 Result	s Reported Detection Limits	
Mercury			<rdl< td=""><td>0.5</td></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 Result	s <u>Reported Detection Limits</u>	
Arsenic			- 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	
a 1 1			<rdl< td=""><td>¢.</td></rdl<>	¢.	
Selenium Silver			<rdl <rdl< td=""><td>5 5</td></rdl<></rdl 	5 5	

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

ANALYSIS: PAH's

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Method Ref: 3550A/8270B

Date Analyzed:	3/18/98	Date Ext/Dig/Prep:	3/16/98	Result Units: ug/Kg
Analyte Name		-	Analytical Result	ts <u>Reported Detection Limits</u>
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)perylen	e		<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthe	ne		<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 Result	s 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-1260
ANALYSIS: Pesticides

PCB-1248

PCB-1254

Date Analyzed:

Method Ref: 3550A/8081A

Result Units: ug/Kg

20

20 20

•	0	0 0
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 ^c -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

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

ACCURA ANALYTICAL LABORATORY, INC.

3/8/98

<RDL = Less than Reported Detection Limit

<RDL

<RDL

<RDL

Pg 32 of 40

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AALSample ID #: AB38568 Accura Project #: 15823

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:	3/5/98	Date Ext/Dig/Prep:	3/5/98	Result Units:
Analyte Name			Analytical Res	ults 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 Res	ults Reported Detection Limits
Mercury (Reg Lim	it = 0.2)		<rdl< td=""><td>0.1</td></rdl<>	0.1
ANALYSIS: TCL	P Metals			Method Ref: 3010A/6010B
Date Analyzed:	3/10/98	Date Ext/Dig/Prep:	3/10/98	Result Units: mg/L
Analyte Name			Analytical Res	ults 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 Lin	•		<rdl< td=""><td>1</td></rdl<>	1
Chromium (Reg Li			<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 =	5.0)		<rdl< td=""><td>1</td></rdl<>	1
ANALYSIS: X D	RO QC Surros	gates (Soil)		Method Ref: 3550A/8015
Date Analyzed:	3/14/98	Date Ext/Dig/Prep:	3/12/98	Result Units: %
Analyte Name			Analytical Res	ults <u>Reported Detection Limits</u>
o-Terphenyl			58	0
ANALYSIS: X PA	AH/BN QC Su	rrogates (Soils)		Method Ref: 3550A/8270B
Date Analyzed:	3/18/98	Date Ext/Dig/Prep:	3/16/98	Result Units: %
Analyte Name			Analytical Res	ults Reported Detection Limits
2-Fluorobiphenyl			62	0
ACCURA ANALYTIC	AL LABORATOR	Y, INC. <rdl :<="" td=""><td>= Less than Reported</td><td>d Detection Limit Pg 33 of 40</td></rdl>	= Less than Reported	d Detection Limit Pg 33 of 40
Client Sample ID: E	B-I4		AALSample ID	#: AB38568 Accura Project #: 15823

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Nitrobenzene-d5			42	0
p-Terphenyl-d14		75	0	
		(S-1)		N
ANALYSIS: X Pes	TPCB QC S	urrogates (Solis)		Method Ref: 3550A/8081/2
Date Analyzed:	3/8/98	Date Ext/Dig/Prep:	3/5/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
Decachlorobiphenyl			89	0
Tetrachloro-m-xylen	e		78	. 0
<u>ANALYSIS: X VO</u>	C QC Surro	ogates (Soils)		Method Ref: 8260A
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
1,2-Dichloroethane-d	14		115	0
4-Bromofluorobenze	ne		157	0
Toluene-d8			126	0
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however Accura Analytical Laboratory, Inc.

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

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sa	mple ID #:	AB38569	Accura	Project #: 15823	
Client: Omega Env	v. Services - T	ucker		Date Sampled: 3/3/98	
Client Contact: T.	SHEPPARD		Date Received: 3/4/98		
Client Project Numb	er: DACA21	-97-C-0042		Date Reported: 3/19/98	
Client Project Name: HUNTER AAF FIRE TRAINING			G AREA	Sample Matrix: SOIL	
Client Sample ID:	METH	OD BLANK		-	
· · ·					
ANALYSIS: BTEX			Me	ethod Ref: 5030A/8260A	
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/9/98 Re	sult Units: ug/Kg	
Analyte Name			Analytical Results	Reported Detection Limits	
Benzene			<rdl< td=""><td>5</td></rdl<>	5	
Ethyl benzene			<rdl< td=""><td>5</td></rdl<>	5	
Toluene			<rdl< td=""><td>5</td></rdl<>	5	
Xylenes			<rdl< td=""><td>5</td></rdl<>	5	
ANALYSIS: Diesel	Range Organ	nics (DRO)	Me	thod Ref: 3550A/8015	
Date Analyzed:	3/13/98	Date Ext/Dig/Prep:	3/12/98 Re:	sult Units: mg/Kg	
Analyte Name			Analytical Results	Reported Detection Limits	
Diesel Range Organi	cs (DRO)		<rdl< td=""><td>10</td></rdl<>	10	
ANALYSIS: Metals	s - Mercury -	RCRA	Me	thod Ref: 7471A	
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98 Re:	sult Units: mg/Kg	
Analyte Name			Analytical Results	Reported Detection Limits	
Mercury			<rdl< td=""><td>0.5</td></rdl<>	0.5	
ANALYSIS: Metals	s - RCRA		Ме	thod Ref: 3050B/6010B	
Date Analyzed:	3/9/98	Date Ext/Dig/Prep:	3/6/98 Re:	sult Units: mg/Kg	
Analyte Name			Analytical Results	Reported Detection Limits	
Arsenic			<rdl< td=""><td>5</td></rdl<>	5	
Barium			<rdl< td=""><td>5</td></rdl<>	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 ANALYTICA	LLABORATORY	Y, INC. <rdl< td=""><td>= Less than Reported Detec</td><td>tion Limit Pg 35 of 40</td></rdl<>	= Less than Reported Detec	tion Limit Pg 35 of 40	

Client Sample ID: METHOD BLANK

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AALSample ID #: AB38569 Accura Project #: 15823

ANALYSIS: PAH's

Method Ref: 3550A/8270B

Date Analyzed:	3/17/98	Date Ext/Dig/Prep:	3/16/98	Result Units: ug/Kg
Analyte Name			Analytical Result	s Reported Detection Limits
1-Methylnaphthaler	ne		<rdl< td=""><td>330</td></rdl<>	330
2-Methylnaphthaler	ne		<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)fluoranthe	ne		<rdl< td=""><td>330</td></rdl<>	330
Benzo(g,h,i)perylen	e		<rdl< td=""><td>330</td></rdl<>	330
Benzo(k)fluoranthe	ne		<rdl< td=""><td>330</td></rdl<>	330
Chrysene			<rdl< td=""><td>330</td></rdl<>	330
Dibenzo(a,h)anthra	cene		<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)py	rene		<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 Analytical Results **Reported Detection Limits** Analyte Name PCB-1016 <RDL 20 PCB-1221 <RDL 40 PCB-1232 <RDL 40 PCB-1242 <RDL 20 20 PCB-1248 <RDL PCB-1254 20 <RDL 20 PCB-1260 <RDL

ANALYSIS: Pesticides

3/7/98

Date Analyzed:

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Method Ref: 3550A/8081A

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

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

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Client Sample ID: METHOD BLANK

AALSample ID #: AB38569 Accura Project #: 15823

Dieldrin	<rdl< th=""><th></th><th>2</th></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>10</td></rdl<>		10
Total Chlordane (Technical)	<rdl< td=""><td></td><td>20</td></rdl<>		20
Toxaphene	<rdl< td=""><td></td><td>20</td></rdl<>		20
ANALYSIS: TCLP Extraction Procedure		Method Ref: 1311	
Date Analyzed: 3/5/98 Date Ext/Dig/Prep	p: 3/5/98	Result Units:	

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Analyte Name			Analytical Resul	<u>ts Re</u>	ported Detection Limits
TCLP Extraction			NA		0
ANALYSIS: TCLP	Mercury			Method Ref:	74704
			A 17/0 A		
Date Analyzed:	3/6/98	Date Ext/Dig/Prep:	3/6/98	Result Units:	mg/L
Analyte Name			Analytical Resul	<u>ts 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 Resul	ts <u>Re</u>	ported Detection Limits
Arsenic (Reg Limit =	- 5.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Barium (Reg Limit =	100.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
Cadmium (Reg Limi	t = 1.0)		<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	5.0)		<rdl< td=""><td></td><td>1</td></rdl<>		1
ANALYSIS: X DR	O QC Surroga	ites (Soil)		Method Ref:	3550A/8015
Date Analyzed:	3/16/98	Date Ext/Dig/Prep:	3/12/98	Result Units:	%
Analyte Name			Analytical Result	ts <u>Re</u>	ported Detection Limits
o-Terphenyl			75		10
ANALYSIS: X PA	H/BN QC Suri	rogates (Soils)		Method Ref:	3550A/8270B
Date Analyzed:	3/17/98	Date Ext/Dig/Prep:	3/16/98	Result Units:	%
Analyte Name			Analytical Result	t <u>s Re</u>	ported Detection Limits
2-Fluorobiphenyl			67		0

Client Sample ID: METHOD BLANK

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AALSample ID #: AB38569 Accura Project #: 15823

Nitrobenzene-d5			54	0
p-Terphenyl-d14			89	0
<u>ANALYSIS: X_Pes</u>	t/PCB QC Su	rrogates (Soils)		Method Ref: 3550A/8081/2
Date Analyzed:	3/7/98	Date Ext/Dig/Prep:	3/5/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
Decachlorobiphenyl			90	
Tetrachloro-m-xylend	aj		90 81	0
retuenter in Agren	-			0
ANALYSIS: X VO	C QC Surrog	ates (Soils)		Method Ref: 8260A
ANALYSIS: X VO	<u>C QC Surrog</u> 3/9/98	ates (Soils) Date Ext/Dig/Prep:	3/9/98	Method Ref: 8260A Result Units: %
			3/9/98 Analytical Resul	Result Units: %
Date Analyzed:	3/9/98			Result Units: %
Date Analyzed: Analyte Name	3/9/98 4		Analytical Resul	Result Units: % ts <u>Reported Detection Limits</u>
Date Analyzed: <u>Analyte Name</u> 1,2-Dichloroethane-d	3/9/98 4		Analytical Resul	Result Units: % ts <u>Reported Detection Limits</u> 0
Date Analyzed: <u>Analyte Name</u> 1,2-Dichloroethane-d 4-Bromofluorobenzer	3/9/98 4		Analytical Resul 100 109	Result Units: % ts <u>Reported Detection Limits</u> 0 0

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NC Certification # 483 SC Certification # 98015 FL Certification # E87429 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	Date Reported: 3/19/98
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 Result	ts <u>Rep</u>	orted Detection Limits
1,1,1-Trichloroethar	ne		<rdl< td=""><td></td><td>5</td></rdl<>		5
1,1,2,2-Tetrachloroe	thane		<rdl< td=""><td></td><td>5</td></rdl<>		5
1,1,2-Trichloroethar	ne		<rdl< td=""><td></td><td>5</td></rdl<>		5
1,1-Dichloroethane			<rdl< td=""><td></td><td>5</td></rdl<>		5
1,1-Dichloroethene			<rdl< td=""><td></td><td>5</td></rdl<>		5
1,2-Dichlorobenzene	e		<rdl< td=""><td></td><td>5</td></rdl<>		5
1,2-Dichloroethane			<rdl< td=""><td></td><td>5</td></rdl<>		5
1,2-Dichloropropane	e		<rdl< td=""><td></td><td>5</td></rdl<>		5
1,3-Dichlorobenzene	e		<rdl< td=""><td></td><td>5</td></rdl<>		5
1,4-Dichlorobenzen	e		<rdl< td=""><td></td><td>5</td></rdl<>		5
2-Butanone (MEK)			<rdl< td=""><td></td><td>50</td></rdl<>		50
2-Chloroethylvinyl	ether		<rdl< td=""><td></td><td>10</td></rdl<>		10
2-Hexanone			<rdl< td=""><td></td><td>50</td></rdl<>		50
4-Methyl-2-pentano	ne (MIBK)		<rdl< td=""><td></td><td>50</td></rdl<>		50
Acetone			<rdl< td=""><td></td><td>50</td></rdl<>		50
Benzene			<rdl< td=""><td></td><td>5</td></rdl<>		5
Bromodichlorometh	ane		<rdl< td=""><td></td><td>5</td></rdl<>		5
Bromoform			<rdl< td=""><td></td><td>5</td></rdl<>		5
Bromomethane			<rdl< td=""><td></td><td>5</td></rdl<>		5
Carbon disulfide			<rdl< td=""><td></td><td>5</td></rdl<>		5
Carbon tetrachloride	;		<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-Dichloroethe	ene		<rdl< td=""><td></td><td>5</td></rdl<>		5
cis-1,3-Dichloroprop	oene		<rdl< td=""><td></td><td>5</td></rdl<>		5
Dibromochlorometh	ane		<rdl< td=""><td></td><td>5</td></rdl<>		5
Ethylbenzene			<rdl< td=""><td></td><td>5</td></rdl<>		5
Methylene chloride			<rdl< td=""><td></td><td>5</td></rdl<>		5
Styrene			<rdl< td=""><td></td><td>5</td></rdl<>		5
Tetrachloroethene			<rdl< td=""><td></td><td>5</td></rdl<>		5

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Client Sample ID: METHOD BLANK

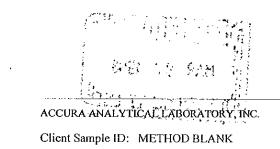
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AALSample ID #: AB38570 Accura Project #: 15823

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 V	OC QC Surros	gates (Waters)		Method Ref: 8260A
Date Analyzed:	3/11/98	Date Ext/Dig/Prep:	3/11/98	Result Units: %
Analyte Name			Analytical Resul	ts Reported Detection Limits
1,2-Dichloroethane-	-d4		81	0
4-Bromofluorobenz	ene		86	0
Toluene-d8			92	0

Accura Analytical Laboratory, Inc.



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<RDL = Less than Reported Detection Limit

AALSample ID #: AB38570 Accura Project #: 15823

-	0	.		 	 .	 		•		<u> </u>								
Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)	Relingtiched By:	Multic Cylin					IT-TB 2/24/18	EB-68-X 2/2/198	Sample ID # Date / Time	Mary - and	Samplers: (signature)	Project Number: DACH 21-	Project Name: Hanter HHF	Client Contact):	Address: 466/ Hankemill	Company Name: Chega Environmenta		
Liquid) (C = Cartridge) (SL	Date / Time	Date / 1 Ime	- E						Comp Grab Matrix Preserve	- Peuli		-97-6-	File Theinthe	Garrienos Zu	Rd. Site B	entrel Services		ACCUR
=Sludge) (A = Air Sample) (F = Foods)	Rest (e) By:	Pout any hord By:			-		2	L'	of	Shepperd	Samplers: (printed)	S Zhar	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	- Thuris Shepped	Erker 5.4 2084 (Inc, E	CHAIN OF CUS	ACCURA ANALYTICA. ABORA
(M = Miscellaneous)	Date / Time	Date Arsonme						V V V V V	WYYYY W			n Goç	Custody Seal: Y N OC Level: N 11 2 3 4		Client P.O. #	Billing address:	CUSTODY	ABORATORY, INC.
	Turnaround Time Requested:	Special Requirements Or Remarks:					1				$\overline{\ }$	A	Page 2	boratory U			6017 Financial Drive, Norcross, GA 30071 Phone # (770) 449-8800 Fax # (770) 449-5477	ATT B
COC97-2 XLS	tequested:	Or Remarks:					Soress	19032	Accura Sample ID KS No. AB				OF 2				Norcross, GA 30071 Fax # (770) 449-5477	13_0

ACCURA ANALYTICAL LABORATORY, INC. 6017 Financial Drive, Norcross, Georgia, 30071, Phone (770) 449-8800

Project Number: <u>15784</u> Client Project: Hunter AAF Fire Training Area / DACA21-97-C-0042

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The "J" flagged benzene values that have been reported for this project were calculated in the

The dilution data was checked for Benzene hits below the reporting limit. When Benzene was weight of sample analyzed and the appropriate correction factor, taking into account the

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

CASE NARRATIVE for Project Number: 15784-Revision Client Project: Hunter AAF Fire Training Area / DACA21-97-C-0042

The following items were noted concerning this project:

 The following samples required dilution due to high analyte concentration, resulting in elevated detection limits:

Σ	EB-G8-X	EB-G8	EB-G7	EB-G9	EB-F8		
			<u>510</u>	8-948-WS	3 (DKO) -	e Organics	Diesel Rang
					X	EB-G8	
8ť	EB-C	39 EB-G	EB-C	EB-F8	EB-EJ	EB-F6	- sənəly ${ m X}$
					EB-G8-X		
EB-G8	EB-GJ	EB-G9	EB-F8	EB-F7	EB-F6	- əü	Ethyl benzen
				X-	EB-G8	EB-EJ	- ənəznə£
					$\overline{V0}$	708-978-N	BLEX - SI

EB-G8

2. The following samples required dilution due to matrix interference, resulting in elevated detection limits:

EB-G7

<u>Pesticides - SW-846-8081A</u> EB-F7	EB-EJ 5CB - 2M-846-8085
GS	Xylenes - EW-G5-A EB-6
EB-G8-X	EB-GJ EB-G8
EB-E8 EM-G2-V EB-G2 EB-G9	Toluene - EB-F6 EB-F7
B-G2	Ethyl benzene - EW-G5-A
EB-G2 EB-G9 EB-G1 EB-G8	Benzene - EB-F6 EB-F8
	BTEX - SW-846-8020A

3. The DRO 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 DRO hit in sample EW-G5-B appears to be a mixture of hydrocarbons that are heavier and lighter than diesel fuel.

EB-G7

EB-G9

EB-G9

EB-F8

EB-EJ

PALE - SW-846-8270B

HAT - SW-846-8270B

EB-EJ

EB-F6

EB-G8

EB-GX-8

EB-GX-8

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4. One surrogate was outside the method specified limit due to matrix interference for the following samples:

EB-GQ EB-G8 EB-G8-X d-Bromotinoropeuseue - EB-F9 EB-F7 EM-G2-W EM-G2-B EB-G2 BLEX - ZM-846-8500V

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

EM-G2-B BLEX - 2M-846-8260V

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The result for this sample should be considered estimated.

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

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

7. Benzene hits below the reporting limit have been "J" flagged, indicating that they are estimated values.

Sepresentative Quality Assurance

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-5800, FAX (770)449-5477 FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

ΓΥΒΟΚΥΙΟΚΑ ΚΕΓΟΚΙ

Accura Project #: 15784

Accura Sample ID #: AB38255

anscheidene 200 1 0 L I Analytical Results Analyte Name Reported Detection Limits Date Ext/Dig/Prep: Result Units: ug/Kg Date Analyzed: 3/6/98 86/9/8 VALLES BLEX PA GC/WS Method Ref: 8260B Client Sample ID: ЕВ-ЕС JIOS :xi'the Matrix: SOIL HUNTER AAF FIRE TRAINING Client Project Name: Date Reported: 9/16/98 Client Project Number: DACA21-97-C-0042 Client Contact: T. SHEPPARD Date Received: 2/27/98 Date Sampled: 2/26/98 Client: Omega Env. Services - Tucker

				-
Selenium		<bdl <<="" td=""><td></td><td>Ş</td></bdl>		Ş
Lead		<kdf< td=""><td></td><td>5</td></kdf<>		5
Chromium		<bdl< td=""><td></td><td>ç</td></bdl<>		ç
Cadmimbe		 KDF		S.0
muinsB		II		S
Arsenic		<kdl< td=""><td></td><td>Ş</td></kdl<>		Ş
Analyte Name	7	Analytical Resul	<u>159</u> <u>81</u>	outed Detection Limits
Date Ext/Dig/Prep: 3/4/98 Date Analyzed:	F : F	86/7/8	Result Units:	. zy/zm
ANALYSIS: Metals - RCRA			Method Ref:	A0103 848W2
Mercury		<bdl< td=""><td></td><td>5.0</td></bdl<>		5 .0
<u>əmeN ətylanA</u>	7	Analytical Resul	व्यि हो	ported Detection Limits
Date Ext/Dig/Prep: 3/2/98 Date Analyzed:	t: 3	86/7/8	Result Units:	gX/gm
ANALYSIS: Metals - Mercury - RCRA			Method Ref:	AI747
Diesel Range Organics (DRO)		820		001
<u>Analyte Name</u>	7	Analytical Resu	হয় হয়	ported Detection Limits
Date Ext/Dig/Prep: 3/5/98 Date Analyzed:	e :Þ	86/\$/£	Result Units:	3X/2m
<u>ANALYSIS: Diesel Range Organics (DRO)</u>			Method Ref:	3550B/8015B

ACCURA ANALYTICAL LABORATORY, INC.

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AALSample ID #: AB38255 Accura Project #: 15784

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Silver

Xylenes

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Ethyl benzene

330	<u></u>	 KDI			Anthracene
330	<u></u>	<bdi< td=""><td></td><td></td><td>Acenaphthylene</td></bdi<>			Acenaphthylene
330	-	<bdi< td=""><td></td><td></td><td>Acenaphthene</td></bdi<>			Acenaphthene
00/1	0	106'9			2-Methylnaphthalene
00/1	C	100'5			1-Methylnaphthalene
<u>stimi.1 nottested betroc</u>	Kesuits Rel	Analytical I			<u>AmsN stylenA</u>
ZX/Zn	Result Units:	86/5/8	:Date Analyzed:	86/9/E	Date Ext/Dig/Prep:
0/28 948WS	Method Ref:				SISYJANA SISYJANA

Reported Detection	Analytical Results	<u>amsV stylenA</u>
00LI	000'5	l-Methylnaphthalene
00/1	006'9	2-Methylnaphthalene
330	 KDL	Acenaphthene
330	<bdl< td=""><td>Acenaphthylene</td></bdl<>	Acenaphthylene
330	<rdl></rdl>	Anthracene
330	<\$DF	Benzo(a)anthracene
330	<bdl,< td=""><td>Benzo(a)pyrene</td></bdl,<>	Benzo(a)pyrene
930	<\$DF	Benzo(b)fluoranthene
330	<\$DF	Benzo(g,h,i)perylene
330	<\$DF	Benzo(k)fluoranthene
330	<rdl< td=""><td>Chrysene</td></rdl<>	Chrysene
330	<bdl< td=""><td>Dibenzo(a,h)anthracene</td></bdl<>	Dibenzo(a,h)anthracene
330	<bdl< td=""><td>Fluoranthene</td></bdl<>	Fluoranthene
330	<rp><rdl< p=""></rdl<></rp>	Fluorene
330	<bdl <<="" td=""><td>Indeno(1,2,3-cd)pyrene</td></bdl>	Indeno(1,2,3-cd)pyrene
330	5,500	Naphthalene
330	 KDL	Phenanthrene
330	<bdl< td=""><td>Pyrene</td></bdl<>	Pyrene

V/In	Result Units:	86/⊅/€	Date Analyzed:	86/ <i>L</i> /E	Date Ext/Dig/Prep:
3220B\80	Method Ref:			· · · · · · · · · · · · · · · · · · ·	VANLYSIS: PCB's

50	<bdl<< th=""><th>bCB-1560</th></bdl<<>	bCB-1560
50	<bdl< td=""><td>bCB-1524</td></bdl<>	bCB-1524
50	<bdl< td=""><td>bCB-1548</td></bdl<>	bCB-1548
50	<bdl< td=""><td>6CB-1545</td></bdl<>	6CB-1545
40	 KDF	PCB-1232
40	 KDF	PCB-1221
50	<bdl< td=""><td>PCB-1016</td></bdl<>	PCB-1016
Reported Detection Limits	<u>Analytical Results</u>	<u>Analyte Name</u>

CCURA ANALYTICAL LABORATORY, INC.	<rdl =="" detection<="" less="" reported="" th="" than=""><th>84 to 2 gf imi.</th></rdl>	84 to 2 gf imi.
elta-BHC	-RDL	7
eta-Endosultan	<bdl< td=""><td>5</td></bdl<>	5
eta-BHC	- KDL	2
netlusobn3-sdq	 KDL	5
pha-BHC	 KDL	2
ninbl	 KDL	7
,t-DDT	 KDL	2
't-DDE	 KDL	5
*t-DDD	<kdl< td=""><td>7</td></kdl<>	7
nalyte Name	Analytical Results	<u>Reported Detection Limits</u>

Date Analyzed: 3/4/98

AALSample ID #: AB38255 Accura Project #: 15784

Result Units: ug/Kg

Method Ref: 3550B/8081A

Method Ref: 3550B/8082

Client Sample ID: EB-F6

Date Ext/Dig/Prep: 3/7/98

ANALYSIS: Pesticides

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0		89			2-Fluorobiphenyl
stimi. Letection Limits	হ দুর্ঘ	Analytical Result			<u>Analyte Name</u>
%	Result Units:	86/5/8	Date Analyzed:	86/9/E	Date Ext/Dig/Prep:
3350B/8270C	ftethod Ref:		(slio2) estegorri	<u>Veutral QC S1</u>	AVALYSIS: X Base
I		<bdl< td=""><td></td><td></td><td>Silver (Reg Limit = 5.0</td></bdl<>			Silver (Reg Limit = 5.0
I		 KDL			Selenium (Reg Limit =
L		<bdl< td=""><td></td><td></td><td>Lead (Reg Limit = 5.0)</td></bdl<>			Lead (Reg Limit = 5.0)
1		 KDL			- timiJ g9A) muimordD
I		 KDL			= timi L geg Limit =
I		<bdl< td=""><td></td><td></td><td>Barium (Reg Limit = 1)</td></bdl<>			Barium (Reg Limit = 1)
I		 KDL		(0.	Arsenic (Reg Limit = 5
orted Detection Limits	<u>s</u> <u>R</u> et	Analytical Result			<u>Analyte Name</u>
<u>។/</u> នយ	Result Units:	86/8/8	Date Analyzed:	86/\$/E	Date Ext/Dig/Prep:
30109/V010E	Method Ref:		· · · · · · · · · · · · · · · · · · ·	etals	ANALYSIS: TCLP M
1.0		<&DF		(7)	Mercury (Reg Limit =)
etted Detection Limits	র দুর	<u>Analytical Result</u>			<u>Analyte Name</u>
7/3w	Result Units:	3/2/98	Date Analyzed:	86/7/E	Date Ext/Dig/Prep:
¥0 <i>L</i> † <i>L</i>	Method Ref:			(ereury	AVALYSIS: TCLP M
0		¥N			TCLP Extraction
etection Limits	ह हिंदी	Analytical Result			<u>ameN stylenA</u>
	Result Units:	86/7/8	Date Analyzed:	86/7/E	Date Ext/Dig/Prep:
1311	Method Ref:		equre	xtraction Proc	ANALYSIS: TCLP E
50		<bdl< td=""><td></td><td></td><td>ənənqaxoT</td></bdl<>			ənənqaxoT
50		 KDF		(leoir	Total Chlordane (Techn
01		<bdl< td=""><td></td><td></td><td>Methoxychlor</td></bdl<>			Methoxychlor
Z		<bdl< td=""><td></td><td></td><td>Heptachlor epoxide</td></bdl<>			Heptachlor epoxide
5		<bdl< td=""><td></td><td></td><td>Heptachlor</td></bdl<>			Heptachlor
7		<bdl< td=""><td></td><td></td><td>gamma-BHC</td></bdl<>			gamma-BHC
5		<bdl< td=""><td></td><td></td><td>Endrin aldehyde</td></bdl<>			Endrin aldehyde
2		<bdl< td=""><td></td><td></td><td>Endrin</td></bdl<>			Endrin
2		 KDF			Endosultan sultate
5		 KDL			Dieldrin

•		 	der Karnen einen
Reported Detection	Analytical Results		<u>əmsV ətylenA</u>
0	89		2-Fluorobiphenyl
0	96		Nitrobenzene-d5
0	48		p-Terphenyl-d14
			the throughout

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AALSample ID #: AB38255 Accura Project #: 15784

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ACCURA ANALYTICAL LABORATORY, INC.

0		96			8b-ənəuloT
0	·	152			4-Bromofluorobenzene
0		101			1,2-Dichloroethane-d4
ported Detection Limits	<u>əX</u> silu	Analytical Res			<u>emeN etylenA</u>
%	Result Units:	86/9/8	Date Analyzed:	86/9/E	Date Ext/Dig/Prep:
80928	Method Ref:		(slio2) se	otegorregoto	O DOA X SISATINN
0		\$8			Tetrachloro-m-xylene
0		98			Decachlorobiphenyl
ported Detection Limits	<u>ults Re</u>	Analytical Res			<u>Analyte Name</u>
%	Result Units:	86/⊅/£	Date Analyzed:	86/L/E	Date Ext/Dig/Prep:
1808/A082E	Method Ref:		223tes	CB OC 2n110	AVALYSIS: X Pest/PO
0	əvit	See narra			o-Terphenyl
ported Detection Limits	<u>eM</u> <u>stlu</u>	<u>Analytical Res</u>			<u>Analyte Name</u>
%	Result Units:	86/5/8	Date Analyzed:	86/\$/E	Date Ext/Dig/Prep:
3220B/8012B	Method Ref:		(lio2) se	DC Surrogate	VANTYSIS: X DROC

Accura Analytical Laboratory, Inc.

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

ГАВОВАТОВҮ КЕРОВТ

Accura Project #: 15784

Accura Sample ID #: AB38256

	Client Sample ID: EB-F7
Sample Matrix: SOIL	Client Project Name: HUNTER AAF FIRE TRAINING
Date Reported: 9/16/98	Client Project Number: DACA21-97-C-0042
Date Received: 2/27/98	Client Contact: T. SHEPPARD
Date Sampled: 2/26/98	Client: Omega Env. Services - Tucker

S		 KDF			Silver
S		<bdl< td=""><td></td><td></td><td>muinala2</td></bdl<>			muinala2
Ş		53			Lead
ç		<bdl< td=""><td></td><td></td><td>Chromium</td></bdl<>			Chromium
S. 0		6'0			Cadmium
Ş		01			Barium
Ş		 KDL			Arsenic
etimid noticetion Limits	<u>aba zilt</u>	<u>Analytical Rest</u>			<u>Analyte Name</u>
Fam. Sultan	Result Units:	86/7/8	Date Analyzed:	86/4/8	Date Ext/Dig/Prep:
A0106 848WS	Method Ref:			RCRA	- SISYJANA SISYJAVA
٥.5		<bdl< td=""><td></td><td></td><td>Mercury</td></bdl<>			Mercury
orted Detection Limits	হিম আ	Analytical Resu			Analyte Name
	u i				
mg/Kg	Result Units:	86/7/8	Date Analyzed:	36/7/8	Date Ext/Dig/Prep:
VI <i>L</i> t/	Method Ref:		CRA	Mercury - Re	- sletaM :SISYJANA
VI <i>L</i> ħL	Method Ref:		CRA	Mercury - RG	- sletəm <u>:SISYJANA</u>
∀1 <i>L†L</i> 005	Method Ref:	001'E			Diesel Range Organics . <u>ANALYSIS:</u> <u>Metals -</u>
005					zəinsgrO əgnsA ləsəiU
		<u>Analytical Resr</u> 3,100			
005		<u>resH lsoitylsnA</u>	:bəzylsnA ətsU AAC		Diesel Range Organics
mg/Kg <u>orted Detection Limits</u> 500	Result Units: <u>145 </u>	<u>resH lsoitylsnA</u>	:bəzylsnA ətsU	(DKO) 86/6/2	Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
mg/Kg <u>orted Detection Limits</u> 500	<u>rest</u>	<u>resH lsoitylsnA</u>	:bəzylsnA ətsU	(DKO) 86/6/2	<u>Analyte Name</u> Diesel Range Organics
3550B/8015B mg/Kg <u>501ted Detection Limits</u> 500	Result Units: <u>145 </u>	89/2/5 <u>Analytical Rest</u>	:bəzylsnA ətsU	(DKO) 86/6/2	<u>ANALYSIS: Diesel R:</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
500 S550B/8015B mg/Kg S00 500	Result Units: <u>145 </u>	11,000 3/5/98 Analytical Regi	:bəzylsnA ətsU	(DKO) 86/6/2	Xylenes <u>ANALYSIS: Diesel R:</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
500 500 mg/Kg mg/Kg 500 500 500	Result Units: <u>145 </u>	<rdl 11,000 3/5/98 Analytical Rest</rdl 	:bəzylsnA ətsU	(DKO) 86/6/2	Toluene Xylenes <u>ANALYSIS: Diesel Ra</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
500 500 500 500 500 500 500 500	Result Units: <u>145 </u>	20,000 2,5,98 2,5,98 2,5,98	:bəzylsnA ətsU	(DKO) 86/6/2	Ethyl benzene Toluene Xylenes Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
500 500 mg/Kg mg/Kg 500 500 500	Result Units: <u>145 </u>	<rdl 11,000 3/5/98 Analytical Rest</rdl 	:bəzylsnA ətsU	(DKO) 86/6/2	Toluene Xylenes <u>ANALYSIS: Diesel Ra</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
500 500 500 500 500 500 500 500	Method Ref: Result Units: <u>Mer</u>	20,000 2,5,98 2,5,98 2,5,98	:bəzylsnA ətsU	(DKO) 86/6/2	Ethyl benzene Toluene Xylenes Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
500 500 3550B/8015B mg/Kg mg/Kg 500 500 500	Method Ref: Result Units: <u>Mer</u>	1,400 20,000 3/5/98 11,000 11,000 11,000	:bəzylsnA ətsU	(DKO) 86/6/2	Benzene Ethyl benzene Xylenes Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
ug/Kg orted Detection Limits 500 500 500 500 500 500 500 50	<u>ults Rep</u> Method Ref: Result Units: <u>Mer</u>	<u>Analytical Resr</u> 1,400 20,000 <rdl 11,000 3/5/98 <u>Analytical Resr</u></rdl 	<u>(OAO) s</u> Date Analyzed:	3/6/98 3/9/98 3/9/98 82/9/28	<u>Analyte Name</u> Benzene Toluene Xylenes <u>ANALYSIS: Diesel Ra</u> Date Ext/Dig/Prep: <u>Analyte Name</u> <u>Analyte Name</u>

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84 to 2 gq

Benzo(g,h,i)perylene		<pre><bdf< pre=""></bdf<></pre>		0021
Benzo(b)fluoranthene		<pre><bdi <bdi< pre=""></bdi<></bdi </pre>		00/1
Benzo(a)pyrene		<pre>KDC</pre>		00/I
Benzo(a)anthracene		<pre>KDC</pre>		00/1
Anthracene		าตม>		00/1
Acenaphthylene		<bdl< td=""><td></td><td>00/1</td></bdl<>		00/1
Acenaphthene		<bdl< td=""><td></td><td>00/1</td></bdl<>		00/1
2-Methylnaphthalene		000 [°] SZ		0099
analahinaphthalene		12'000		00/1
<u>Analyte Name</u>		Analytical Resu	हित्र हि	<u>stimid notsetection Limits</u>
Date Ext/Dig/Prep: 3/6/98	Date Analyzed:	86/5/8	Result Units:	3X/gu
S'HAT SISY,JANA			Method Ref:	0L28 948WS

PCB's	SISYAANA	

Indeno(1,2,3-cd)pyrene

Dibenzo(a,h)anthracene

Benzo(k)fluoranthene

Date Ext/Dig/Prep:

Pyrene

Phenanthrene

Naphthalene

Fluoranthene

Fluorene

Chrysene

86/L/E

ANALYSIS: Pesticides

50 50 50 50	צחר אסד עד עד אסד	ьсв-1500 ьсв-1524 ьсв-1548 ьсв-1548
08	<pre><bdi< pre=""></bdi<></pre>	ЬСВ-1535 ЬСВ-1551
80 02	 KDL KDL	bCB-1031
Reported Detection Limits	<u>etluzəA lesitytical Results</u>	<u>əmsN ərylsnA</u>

Date Analyzed: 3/4/98

<BDL

<BDL

14,000

<BDL

<BDL

<BDL

<BDL

<BDL

<BDL

84 10 8 gg	: Less than Reported Detection Limit	- SRDL -		ACCURA ANALYTICAL
7	<bdl <<="" td=""><td></td><td>· · · · · · · · · · · · · · · · ·</td><td>delta-BHC</td></bdl>		· · · · · · · · · · · · · · · · ·	delta-BHC
5	 KDL			beta-Endosultan
2	<kdľ .<="" td=""><td></td><td></td><td>beta-BHC</td></kdľ>			beta-BHC
5	<bdl< td=""><td></td><td></td><td>nsiluzobn3-sriqis</td></bdl<>			nsiluzobn3-sriqis
2	 KDL			alpha-BHC
5	 KDL			ninblA
t	 KDL			4'4,-DDL
5	 KDL			¢'⊄،-DDE
7	 KDL			⁺'t₁-`DDD
ported Detection Limits	Analytical Results Re			<u>Analyte Name</u>
Instruction	3/4/98 Result Units:	Date Analyzed:	86/L/E	Date Ext/Dig/Prep:

Method Ref: 3550B/8081A

8X/Su

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Method Ref: 3550B/8082

Result Units:

Client Sample ID: EB-F7

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0		t/L			2-Fluorobiphenyl
<u>stimiJ noited Detection Limits</u>	<u>BA</u> <u>stu</u>	<u>Analytical Res</u>			<u>əmeN ətylenA</u>
%	Result Units:	86/5/8	Date Analyzed:	86/9/E	Date Ext/Dig/Prep:
3550B/8270C	Method Ref:		(slio2) 293820711	Neutral QC S	VALLYSIS: X Base
ł		<bdl< td=""><td></td><td>(</td><td>0.č = timiJ g9A) 19vli2</td></bdl<>		(0.č = timiJ g9A) 19vli2
I		<\$DF			Selenium (Reg Limit =
I		<\$DF			(0.č = timiJ g9A) bs9J
Ι		 KDL		(0,2 =	Chromium (Reg Limit
I		<&DF			= timiJ gəA) muimbsD
I		<\$DF			Barium (Reg Limit = 1
I		<bdl<< td=""><td></td><td>(0.</td><td>e = timit g9A) sinserA</td></bdl<<>		(0.	e = timit g9A) sinserA
<u>etection Limits</u>	<u>Its Rel</u>	<u>Analytical Res</u>			<u>əmeN ətvlane</u>
Д/Зш	Result Units:	86/E/E	Date Analyzed:	86/5/E	Date Ext/Dig/Prep:
80109/A010B	Method Ref:			etals	ANALYSIS: TCLP M
1.0		<bdl< td=""><td></td><td>(2.0</td><td>Mercury (Reg Limit =</td></bdl<>		(2.0	Mercury (Reg Limit =
<u>stimi L noitesterion Limits</u>	<u>estu</u>	<u>Analytical Res</u>		-	<u>əmsN ətylanA</u>
J\zm	Result Units:	86/7/8	Date Analyzed:	3/7/8	Date Ext/Dig/Prep:
¥0 <i>L</i> † <i>L</i>	Method Ref:			ereury.	ANALYSIS: TCLP N
0		∀N			TCLP Extraction
orted Detection Limits	व्याहर हो।	<u>Analytical Res</u>			<u>əmsV ətylsnA</u>
	Result Units:	86/7/8	Date Analyzed:	86/7/E	Date Ext/Dig/Prep:
1161	Method Ref:		cedure.	ord noitesta	ANALYSIS: TCLPE
50		<bdl< td=""><td></td><td></td><td>Toxaphene</td></bdl<>			Toxaphene
50		 KDL		(Isəir	Total Chlordane (Tech
50		<bdl< td=""><td></td><td></td><td>Methoxychlor</td></bdl<>			Methoxychlor
7		<bdl< td=""><td></td><td></td><td>Heptachlor epoxide</td></bdl<>			Heptachlor epoxide
7		<kdl< td=""><td></td><td></td><td>Heptachlor</td></kdl<>			Heptachlor
5		<rdl< td=""><td></td><td></td><td>gamma-BHC</td></rdl<>			gamma-BHC
Z		<bdl< td=""><td></td><td></td><td>Endrin aldehyde</td></bdl<>			Endrin aldehyde
5		 KDL			Endrin
5		 KDL			Endosultan sulfate
5		<bdl< td=""><td></td><td></td><td>Dieldrin</td></bdl<>			Dieldrin

p-Terphenyl-d14	SL	0
Nitrobenzene-d5	115	0
2-Fluorobiphenyl	₽L	0

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AALSample ID #: AB38256 Accura Project #: 15784

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ACCURA ANALYTICAL LABORATORY, INC.

0		7 6			8b-ənəuloT
0		L71			4-Bromofluorobenzene
0		66			1,2-Dichloroethane-d4
ertection Limits	<u>eM</u> <u>stiu</u>	Analytical Res			<u>Analyte Name</u>
%	Result Units:	86/9/E	Date Analyzed:	86/9/E	Date Ext/Dig/Prep:
8260B	Method Ref:		(slio2) s	OC Surrogate	VANALYSIS: X VOC O
0		ZL			Tetrachloro-m-xylene
0		١L			Decachlorobiphenyl
ported Detection Limits	<u>भार</u> हो।	Analytical Res			<u>Analyte Name</u>
%	Result Units:	86/Þ/E	Date Analyzed:	86/L/E	Date Ext/Dig/Prep:
1808/A082E	Method Ref:		sətes	CB OC 2nr.c	DAVARY X ESISYJANA
0	ЭЛЦ	See narra			o-Terphenyl
	•*				
ported Detection Limits	<u>əX</u> <u>ztlu</u>	Analytical Res			<u>Analyte Name</u>
%	Result Units:	86/5/8	Date Analyzed:	86/6/8	Date Ext/Dig/Prep:
3220B/8012B	Method Ref:		(lio2) 2:	OC Surrogate	VALLYSIS: X DROC

Accura Analytical Laboratory, Inc.

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AALSample ID #: AB38256 Accura Project #: 15784

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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

ГАВОВАТОВҮ REPORT

Accura Project #: 15784

Client Project Name: HUNTER AAA TAAN TAA TAAINING
Client Project Number: DACA21-97-C-0042
Client Contact: T. SHEPPARD
Client: Omega Env. Services - Tucker

EB-E8

Accura Sample ID #: AB38257

Sample Matrix: SOIL
Date Reported: 9/16/98
Date Received: 2/27/98
Date Sampled: 2/26/98

s s s s'0	אטר אטר ג'ג אטר אטר			Cadmium Chromium Lead Selenium Silver
Ş	13			Arsenic murisa
2	<&DF			
Seported Detection Limits	Analytical Results B			Analyte Name
. zX/zm :2	stinU tluzəA 89/2/5	Date Analyzed:	86/4/8	Date Ext/Dig/Prep:
A0106 848WS A	hethod Ref		RCRA	- eletaM :SISY, IANA
٥.5	<bdl< td=""><td></td><td></td><td>Mercury</td></bdl<>			Mercury
Seported Detection Limits	Analytical Results R			<u>Analyte Name</u>
s: mg/Kg	stinU tlusəA 80/2/5	Date Analyzed:	86/7/8	Date Ext/Dig/Prep:
A1/4/ 3	Method Ref	KA	Mercury - RC	- sletam :SISY.JANA
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		. –		
100	1100		(DKO)	Diesel Range Organics
stimid notestection Limits	Analytical Results R			<u>əmeN ətylenA</u>
3: mg/Kg	3/5/98 Result Units	Date Analyzed:	86/\$/E	Date Ext/Dig/Prep:
£ 3550B/8015B	Method Ref	(DKO)	esinegrO sgan	ANALYSIS: Diesel Ra
5200	000'79			sənəlyX
5200	<\$DF			Toluene
5200	000'81			Ethyl benzene
5200	1'400 î			Benzene
<u> Seported Detection Limits</u>	Analytical Results R			<u>Analyte Name</u>
Z≯/&n :s	3/5/98 Result Units	Date Analyzed:	86/5/8	Date Ext/Dig/Prep:
£ 8260B	Method Ref	·	SW/25	VANTARIS: BLEX P

ACCURA ANALYTICAL LABORATORY, INC. <RDL = Less than Reported Detection Limit

Client Sample ID:

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SISY ANALYSIS

Method Ref: SW846 8270

1. IG					0091
Dibenzo(a,h)anthracene			 KDL		0091
Chrysene			<bdl< td=""><td></td><td>0091</td></bdl<>		0091
Benzo(k)fluoranthene			 KDF		0091
Benzo(g,h,i)perylene			 KDF		0091
Benzo(b)fluoranthene			<bdl< td=""><td></td><td>0091</td></bdl<>		0091
Benzo(a)pyrene			<bdl <<="" td=""><td></td><td>0091</td></bdl>		0091
Benzo(a)anthracene			<bdl< td=""><td></td><td>0091</td></bdl<>		0091
Anthracene			<bdl< td=""><td></td><td>0091</td></bdl<>		0091
9n9lyhthylene3A			 KDF		0091
Acenaphthene			<bdl< td=""><td></td><td>0091</td></bdl<>		0091
2-Methyinaphthalene			<bdl< td=""><td></td><td>0091</td></bdl<>		0091
1-Methyinaphthalene		,	۶`200		0091
Analyte Name			<u>Analytical Resul</u>	<u>ta Rep</u>	orted Detection Limits
Date Ext/Dig/Prep: 3/6/98	86/9/E	Date Analyzed:	86/\$/£	Result Units:	ZX/2n

PCB's	SISYJANA
-10.Ju	OTOXE LATEA

Indeno(1,2,3-cd)pyrene

86/L/E

Date Ext/Dig/Prep:

Pyrene

Phenanthrene

Vaphthalene

Fluoranthene

Fluorene

ANALYSIS: Pesticides

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

Date Analyzed: 3/4/98

<BDL

<BDL

<BDL

<BDL

<BDL

<BDL

84 lo 01 gg	Reported Detection Limit	nadi 223. – Less than	.ЭИІ , ҰЯОТАУ	ACCURA ANALYTICAL LABOR
7	אסד	<u>ا</u> >		delta-BHC
5	ad and a state of the state of	₹>		nettusobnA-stəd
5	SDF .	4>		beta-BHC
2	Dr	£>		astlusobn3-shqls
5	ad the second	4>		alpha-BHC
5	DF	4>		Aldrin
7	DL	4>		4 ,4'- DDT
2	DF	< <u>k</u>		¢⁺¢ı-DDE
7	DF	₹>		¢' ⁺ ,-DDD
orted Detection Limits	al Results Rep	oitylenA		<u>Analyte Name</u>
	Result Units:	86/4/£ :bəzylan	A stad 80/1/	Date Ext/Dig/Prep: 3.

AALSample ID #: AB38257 Accura Project #: 15784

Method Ref: 3550B/8081A

Result Units: ug/Kg

Method Ref: 3550B/8082

0091

0091

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Client Sample ID: EB-F8

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	a h				
%	Result Units:	86/5/8	Date Analyzed:	86/9/E	Date Ext/Dig/Prep:
3550B/8270C	Method Ref:		(slio2) estegoru	<u> Neutral OC Sr</u>	ANALYSIS: X Base
I		 KDL		(0.č = timiJ g9A) 19vli2
ĩ		<bdl< td=""><td></td><td>(0.1</td><td>Selenium (Reg Limit =</td></bdl<>		(0.1	Selenium (Reg Limit =
I		<bdl< td=""><td></td><td></td><td>Lead (Reg Limit = 5.0)</td></bdl<>			Lead (Reg Limit = 5.0)
I		<bdl< td=""><td></td><td></td><td>Chromium (Reg Limit</td></bdl<>			Chromium (Reg Limit
I		<bdl< td=""><td></td><td></td><td>Cadmium (Reg Limit =</td></bdl<>			Cadmium (Reg Limit =
I		<bdl< td=""><td></td><td></td><td>Barium (Reg Limit = 1)</td></bdl<>			Barium (Reg Limit = 1)
T		<bdl< td=""><td></td><td>(0.</td><td>Arsenic (Reg Limit = 5</td></bdl<>		(0.	Arsenic (Reg Limit = 5
<u>stimiJ notteed Detection Limits</u>	<u>estu</u>	Analytical Res			Analyte Name
J\2m	Result Units:	86/ɛ/ɛ	Date Analyzed:	86/5/E	Date Ext/Dig/Prep:
3010A/6010B	Method Ref:		-	letals	VANLYSIS: TCLPN
1.0		<bdl< td=""><td></td><td>(2.0</td><td>Mercury (Reg Limit =</td></bdl<>		(2.0	Mercury (Reg Limit =
oorted Detection Limits	la <u>N</u> silua	Analytical Res			Analyte Name
Վ /Ձա	Result Units:	86/7/8	Date Analyzed:	86/7/E	Date Ext/Dig/Prep:
¥0 <i>L</i> † <i>L</i>	Method Ref:			lereury	VALYSIS: TCLPN
0		ΨN			TCLP Extraction
U		VIN			noitoetva a IOT
ported Detection Limits	<u>eults</u> <u>Re</u>	Analytical Res			Analyte Name
	Result Units:	86/7/8	:bəzylanA əta	86/7/E	Date Ext/Dig/Prep:
1311	Method Ref:		cegnre	ord noitestra	VNVLYSIS: TCLPE
50		<bdl< td=""><td></td><td></td><td>Toxaphene</td></bdl<>			Toxaphene
50		<pre>KDC</pre>		(lsoin	Total Chlordane (Tech
01		<bdl< td=""><td></td><td></td><td>Methoxychlor</td></bdl<>			Methoxychlor
5		<bdl< td=""><td></td><td></td><td>Heptachlor epoxide</td></bdl<>			Heptachlor epoxide
5		<bdl< td=""><td></td><td></td><td>Heptachlor</td></bdl<>			Heptachlor
5		<bdl< td=""><td></td><td></td><td>Samma-BHC</td></bdl<>			Samma-BHC
5		<bdl< td=""><td></td><td></td><td>Endrin aldehyde</td></bdl<>			Endrin aldehyde
2		 KDC			Endrin
2		<rdl< td=""><td></td><td></td><td>Endosulfan sulfate</td></rdl<>			Endosulfan sulfate
7		<bdl< td=""><td></td><td></td><td>Dieldrin</td></bdl<>			Dieldrin
					Diablein

ORATORY, INC. <RDL = Less than Reported Detection Limit

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L6

L9

Analytical Results

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Reported Detection Limits

p-Terphenyl-d14

Vitrobenzene-d5

2-Fluorobiphenyl

Analyte Name

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0	٤6			8b-ənəuloT
0	150			4-Bromofluorobenzene
0 0	£01			1,2-Dichloroethane-d4
ported Detection Limits	Analytical Results Re			<u>Analyte Name</u>
%	3/5/98 Result Units:	Date Analyzed:	86/S/E	Date Ext/Dig/Prep:
8260B	Method Ref:	(slio2) sətsı	OC Surrog	DOV X SISY ANA
0	<i>†L</i>			Tetrachloro-m-xylene
0	₩ ₩			Decachlorobiphenyl
<u>ported Detection Limits</u>				<u>Analyte Name</u>
%	3/4/98 Result Units:	:bəzylanA ətaU	86/L/E	Date Ext/Dig/Prep:
1808/A082E	Tethod Ref:	Irrogates	CB OC 2 ⁿ	d/189d X SISX IVNV
0	See narrative			o-Terphenyl
ported Detection Limits	Analytical Results Re			<u>Analyte Name</u>
%	3/5/98 Result Units:	Date Analyzed:	86/5/E	Date Ext/Dig/Prep:
3550B/8015B	ftethod Ref:	(lio <u>S) estes</u>	OC Surrog	VANLYSIS: X DRO

Accura Analytical Laboratory, Inc.

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AALSample ID #: AB38257 Accura Project #: 15784

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SC Certification # 98015 FL Certification # E87429 USACE-MRD Approved NC Certification # 483 6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

ГАВОВАТОВУ REPORT

Accura Project #: 15784

Accura Sample ID #: AB38258

····· : Client Sample ID: EW-G5-A Sample Matrix: SOIL HUNTER AAF FIRE TRAINING Client Project Name: Client Project Number: DACA21-97-C-0042 Date Reported: 9/21/98 Client Contact: T. SHEPPARD Date Received: 2/27/98 Date Sampled: 2/26/98 Client: Omega Env. Services - Tucker

c				10 AUG
ς ς	אדור> אטר>			Silver
ç	 KDF			Lead Selenium
Ş	< <u>k</u> DL			Chromium Lead
\$.0 2	<bdi <bdi< td=""><td></td><td></td><td>muimbe)</td></bdi<></bdi 			muimbe)
S	5.6			Barium
ç	יני <ואםר			Arsenic
-				
<u>stimiLimits</u>	<u>Analytical Result</u>			<u>Anaiyte Name</u>
Result Units: mg/Kg	86/7/8	Date Analyzed:	86/Þ/E	Date Ext/Dig/Prep:
Method Ref: SW846 6010A			RCRA	- slats Metals: Metals
<i>S</i> `0	<&DF			Mercury
s Reported Detection Limits	useA IsoitylsnA			<u>Analyte Name</u>
<i>Q</i> = <i>Q</i> =				. d P
Result Units: mg/Kg	86/7/8	Date Analyzed:	86/2/8	Date Ext/Dig/Prep:
		TBY	NY - KINA LATAT	OPPORT ACTO T PERMIT
AI747 : ?47IA		¥.¥.) H - Vallaro M	AVALYSIS: Metals -
01 AI747 :7471A	<bdl< td=""><td>¥a:.</td><td></td><td>Diesel Range Organics</td></bdl<>	¥a:.		Diesel Range Organics
01	<u>Analytical Result</u> <rdl< td=""><td>¥¥.</td><td></td><td></td></rdl<>	¥¥.		
01	<u>Analytical Result</u>	Date Analyzed: AF		zəinsgrO əgnsA ləsəiO
<u>stimits</u> 10	<u>Analytical Result</u>	:bəzyisnA ətsD	(DKO) 86/6/2	<u>Analyte Name</u> Diesel Range Organics
Result Units: mg/Kg <u>Result Units: mg/Kg</u> 10	<u>Analytical Result</u>	:bəzyisnA ətsD	(DKO) 86/6/2	Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
Method Ref: 3550B/8015B Result Units: mg/Kg <u>Reported Detection Limits</u> 10	89/S/S	:bəzyisnA ətsD	(DKO) 86/6/2	<u>ANALYSIS: Diesel R.</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
10 Method Ref: 3550B/8015B Result Units: mg/Kg <u>Reported Detection Limits</u> 10	21 3/5/98 Analytical Result	:bəzyisnA ətsD	(DKO) 86/6/2	Xylenes Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
10 Method Ref: 3550B/8015B Result Units: mg/Kg 3 <u>Reported Detection Limits</u> 10	89/S/S	:bəzyisnA ətsD	(DKO) 86/6/2	<u>ANALYSIS: Diesel R.</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
10 Method Ref: 3550B/8015B Result Units: mg/Kg <u>Reported Detection Limits</u> 10	21 21/5/98 21/5/98	:bəzyisnA ətsD	(DKO) 86/6/2	Toluene Xylenes Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
5 10 Method Ref: 3550B/8015B Result Units: mg/Kg 3 2 Result Units: mg/Kg 10 10	RDL 21 3/5/98 Analytical Result	:bəzyisnA ətsD	(DKO) 86/6/2	Ethyl benzene Toluene Xylenes Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
5 10 Method Ref: 3550B/8015B Result Units: mg/Kg 3 2 Result Units: mg/Kg 10 10	2.8 J 21 3/5/98 21 21 21 21	:bəzyisnA ətsD	(DKO) 86/6/2	Benzene Ethyl benzene Xylenes Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics

AALSample ID #: AB38258 Accura Project #: 15784

Pg 13 of 48

<RDL = Less than Reported Detection Limit

ACCURA ANALYTICAL LABORATORY, INC.

Client Sample ID: EW-G5-A

088 088 088 088		אדר ארד אדר: ארד:			յ-Methylnaphthalene Հ-Methylnaphthalene
eported Detectio	nts <u>Re</u>	Analytical Res			<u>Analyte Name</u>
3X/2n	Result Units:	86/\$/£	Date Analyzed:	86/ <i>L</i> /E	Date Ext/Dig/Prep:
0L28 948WS	Method Ref:				8'HAY ;SISYJANA

Pyrene	 KDL	330
Phenanthrene	<&DF	330
Maphthalene	<kdl< td=""><td>330</td></kdl<>	330
Indeno(1,2,3-cd)pyrene	<bdl <<="" td=""><td>330</td></bdl>	330
Fluorene	<bdl< td=""><td>330</td></bdl<>	330
Fluoranthene	 KDL	330
Dibenzo(a,h)anthracene	 KDL	330
Chrysene	 KDL	330
Benzo(k)fluoranthene	<bdl <<="" td=""><td>330</td></bdl>	330
Benzo(g,h,i)perylene	<\$DF	330
Benzo(b)fluoranthene	 KDL	330
Benzo(a)pyrene	<kdr <kdr< td=""><td>330</td></kdr<></kdr 	330
Benzo(a)anthracene	 KDL	330
Anthracene	 KDL	330
Acenaphthylene	 KDL	330
Acenaphthene	 KDL	330
2-Methylnaphthalene	<kdr <</kdr 	330
i-Methylnaphthalene	<bdl< td=""><td>330</td></bdl<>	330
<u>Analyte Mame</u>	Analytical Results	Reported Detection Limits

FCB's	SISATIAN

86/L/E

Date Ext/Dig/Prep:

50 50 50 50 50 40	SDT SDD SDT SDT SDT SDT SDT SDT SDT SDT	6CB-1500 6CB-1524 6CB-15248 6CB-1545 6CB-1535 6CB-1535
40 50	<&DL <&DL	ЬСВ-1551 ЬСВ-1016
Reported Detection Limits	Analytical Results	Analyte Name

Date Analyzed: 3/4/98

tethod Ref: 3550B/8081A	NI.		S	<u>ANALYSIS: Pesticide</u>
gault Units: ug/Kg	¥ 86/7/£	Date Analyzed:	86/L/E	Date Ext/Dig/Prep:
Reported Detection Limits	Analytical Results			<u>Analyte Name</u>
7	 KDL			4'4 . -DDD
5	<bdl< td=""><td></td><td></td><td>√⁺t-DDE</td></bdl<>			√ ⁺ t -DDE
7	<bdl< td=""><td></td><td></td><td>4,4'-DDT</td></bdl<>			4,4'-DDT
7	<bdl< td=""><td></td><td></td><td>ninblA</td></bdl<>			ninblA
5	<bdl< td=""><td></td><td></td><td>alpha-BHC</td></bdl<>			alpha-BHC
7	<bdl< td=""><td></td><td></td><td>alpha-Endosultan</td></bdl<>			alpha-Endosultan
7	<bdl< td=""><td></td><td></td><td>Deta-BHC</td></bdl<>			Deta-BHC

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AALSample ID #: AB38258 Accura Project #: 15784

Result Units: ug/Kg

Method Ref: 3550B/8082

<RDL = Less than Reported Detection Limit

<BDL

<BDL

Client Sample ID: EW-G5-A

delta-BHC

beta-Endosulfan

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ACCURA ANALYTICAL LABORATORY, INC.

0		8L			
		97			Vitrobenzene-d5
0		79			2-Fluorobiphenyl
ported Detection Limits	ाह्य हो।	Analytical Rest			<u>əmsV ətvisnA</u>
. %	Result Units:	86/5/8	Date Analyzed:	86/L/E	Date Ext/Dig/Prep:
3550B/8270C	Method Ref: 3550B/8270C		<u>urrogates (Soils)</u>	Neutral OC S	VALIYSIS: X Base
I		 KDL		(Silver (Reg Limit = 5.0
I		<bdl< td=""><td></td><td>(0.1</td><td>= timiJ 39A) muinələ2</td></bdl<>		(0.1	= timiJ 39A) muinələ2
Ĭ		<bdi< td=""><td></td><td>1</td><td>(0.č = timi I g9A) bs9.l</td></bdi<>		1	(0.č = timi I g9A) bs9.l
ł		<bdl< td=""><td></td><td>(0.2 =</td><td>timid g9A) muimondO</td></bdl<>		(0.2 =	timid g9A) muimondO
Ī		<bdl< td=""><td></td><td>(0.1 -</td><td>= timid g9A) muimbsO</td></bdl<>		(0.1 -	= timid g9A) muimbsO
Г		0.1		(0.00	Barium (Reg Limit = 1
Ĭ		<bdl< td=""><td></td><td>(0.</td><td>Arsenic (Reg Limit = 5</td></bdl<>		(0.	Arsenic (Reg Limit = 5
<u>orted Detection Limits</u>	ग्रि हिंद	<u>Analytical Rest</u>			<u>əmsN əylanA</u>
շ/չա	Result Units:	86/E/E	Date Analyzed:	86/5/8	Date Ext/Dig/Prep:
3010A/6010B	Method Ref:		TCLP Metals		ANALYSIS: TCLP M
1.0		<bdl< td=""><td></td><td>(z.0</td><td>Mercury (Reg Limit = (</td></bdl<>		(z.0	Mercury (Reg Limit = (
ented Detection Limits	<u>ilts</u> <u>Rer</u>	Analytical Resu			Analyte Vame
Л /Зт	Result Units:	3/7/8	Date Analyzed:	86/7/E	Date Ext/Dig/Prep:
	Method Ref: Result Units:	86/7/8			Dste Ext/Dig/Prep: AMALYSIS: TCLP M
40747		86/7/E VN	Date Analyzed:		
	Method Ref:		Date Analyzed:		AUALYSIS: TCLP M
0 0	Method Ref:	¥N	Date Analyzed:		TCLP Extraction
<u>stimiL notted Detection Limits</u> 0 A0747	<u>alts Ret</u> : Method Ref:	<u>Analytical Resu</u> AN	:bəzylanA ətaQ	Jereury 3/2/98	ANALYSIS: TCLP M TCLP Extraction Analyte Name
1151 <u>orted Detection Limits</u> 0 A0747	Method Ref: <u>Method Ref:</u> Result Units:	89/2/5 AN AN	:bəzylanA ətaQ	Jereury 3/2/98	ANALYSIS: TCLP EX Analyte Vame TCLP Extraction Analyte Vame TCLP Extraction
20 1311 0 7470A	Method Ref: <u>Method Ref:</u> Result Units:	<rdl 3/2/98 AN</rdl 	:bəzylanA ətaQ	<mark>tereury</mark> 3/2/98 <u>5/2/98</u>	Toxaphene AMALYSIS: TCLP E Date Ext/Dig/Prep: TCLP Extraction TCLP Extraction
20 20 1311 0 0 2470A	Method Ref: <u>Method Ref:</u> Result Units:	<rdl SRDL 3/2/98 AN</rdl 	:bəzylanA ətaQ	<mark>tereury</mark> 3/2/98 <u>5/2/98</u>	Total Chlordane (Techn Toxaphene <u>ANALYSIS: TCLP E</u> <u>Analyte Name</u> TCLP Extraction
10 20 1311 0 0 0 7470A	Method Ref: <u>Method Ref:</u> Result Units:	<rdl <rdl 3/2/98 AN AN</rdl </rdl 	:bəzylanA ətaQ	<mark>tereury</mark> 3/2/98 <u>5/2/98</u>	Methoxychlor TCLP Extraction Analyte Vame Analyte Vame Analyte Vame TCLP Extraction TCLP Extraction
2 10 20 1311 1311 0 7470A	Method Ref: <u>Method Ref:</u> Result Units:	<rdl KDL SRDL 3/2/98 Analytical Resu AN</rdl 	:bəzylanA ətaQ	<mark>tereury</mark> 3/2/98 <u>5/2/98</u>	Heptachlor epoxide Methoxychlor Total Chlordane (Techn Joxaphene <u>Analyte Vame</u> TCLP Extraction TCLP Extraction
2 2 20 1311 3113 0 0 7470A	Method Ref: <u>Method Ref:</u> Result Units:	<rdl KDL KDL SY2/98 Analytical Resu AN</rdl 	:bəzylanA ətaQ	<mark>tereury</mark> 3/2/98 <u>5/2/98</u>	Heptachlor Heptachlor epoxide Methoxychlor Total Chlordane (Techn Joxaphene <u>Analyte Name</u> TCLP Extraction TCLP Extraction
2 2 2 10 20 20 20 1311 0 0 7470A	Method Ref: <u>Method Ref:</u> Result Units:	<rdl KDL KDL SRDL SRDL SRDL SRDL SRDL SRDL SRDL SR</rdl 	:bəzylanA ətaQ	<mark>tereury</mark> 3/2/98 <u>5/2/98</u>	gamma-BHC Heptachlor Methoxychlor Total Chlordane (Techn Joxaphene Analyte Name Analyte Name TCLP Extraction TCLP Extraction
2 2 2 2 20 20 20 20 20 20 20 20 20 20 20	Method Ref: <u>Method Ref:</u> Result Units:	<pre><rdl <="" pre=""> <rdl <="" p=""> <rdl <="" p=""> KDL KDL SRDL SRDL</rdl></rdl></rdl></pre>	:bəzylanA ətaQ	<mark>tereury</mark> 3/2/98 <u>5/2/98</u>	Endrin aldehyde gamma-BHC Heptachlor Methoxychlor Date Ext/Dig/Prep: Analyte Vaine frep: Analyte Vaine TCLP Extraction TCLP Extraction
2 2 2 2 20 10 20 20 20 20 20 20 20 20 20 20 20 20 20	Method Ref: <u>Method Ref:</u> Result Units:	<pre><rdl <="" pre=""></rdl></pre>	:bəzylanA ətaQ	<mark>tereury</mark> 3/2/98 <u>5/2/98</u>	Endrin Endrin aldehyde gamma-BHC Heptachlor Methoxychlor Total Chlordane (Techn Methoxychlor Toxaphene Analyte Name TCLP Extraction TCLP Extraction
2 2 2 2 20 20 20 20 20 20 20 20 20 20 20	Method Ref: <u>Method Ref:</u> Result Units:	<pre><rdl <="" pre=""> <rdl <="" p=""> <rdl <="" p=""> KDL KDL SRDL SRDL</rdl></rdl></rdl></pre>	:bəzylanA ətaQ	<mark>tereury</mark> 3/2/98 <u>5/2/98</u>	Endrin aldehyde gamma-BHC Heptachlor Methoxychlor Date Ext/Dig/Prep: Analyte Vaine frep: Analyte Vaine TCLP Extraction TCLP Extraction

< RDL = Less than Reported Detection Limit84 to či gq

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p-Terphenyl-d14

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0		103			8b-ənəuloT
0		041			4-Bromofluorobenzene
Ő		STI			1,2-Dichloroethane-d4
ported Detection Limits	<u>əX</u> silusəy	A lasitylanA			<u>Analyte Name</u>
%	Result Units:	86/9/E	Date Analyzed:	86/9/E	Date Ext/Dig/Prep:
8260B	Method Ref:		(slio2) sə	JC Surrogat	VINT X SISATANA
0		18			Tetrachloro-m-xylene
0		78			Decachlorobiphenyl
ported Detection Limits	<u>esults</u> <u>Re</u>	<u>A nalytical F</u>			<u>Analyte Name</u>
%	Result Units:	86/Þ/E	Date Analyzed:	86/L/E	Date Ext/Dig/Prep:
1808/A082E	:19A bott9M		<u>estes</u>	CB OC 2nr.	AVALYSIS: X Pest/P
0		68			o-Terphenyl
ported Detection Limits	<u>estitisə</u>	<u>A nalytical F</u>			<u>Analyte Name</u>
%	Result Units:	86/5/8	Date Analyzed:	86/6/E	Date Ext/Dig/Prep:
3550B/8015B	Method Ref:		(lioS) sa	JE Surrogati	VONT X ISISTIANA

Accura Analytical Laboratory, Inc.

<RDL = Less than Reported Detection Limit

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ACCURA ANALYTICAL LABORATORY, INC.

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 VSC Certification # 98015 USACE-MRD Approved FL Certification # 98015 USACE-MRD Approved

ГАВОВАТОВУ ВЕРОВТ

Accura Project #: 15784

Accura Sample ID #: AB38259

:Client Sample ID:

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Client: Omega Env. Services - Tucker Client Project Number: DACA21-97-C-0042 Client Project Name: DACA21-97-C-0042

EW-G5-B

Date Received: 2/27/98 Date Reported: 9/16/98 Sample Matrix: SOIL

Date Sampled: 2/26/98

\$ \$ \$ \$'0	אטר אטר 19 אטר 102 - אטר	anuia anuia anui		
ς	01			Barium
Ş	 KDL			SinsarA
Its Reported Detection Limits	Analytical Resu			<u>Analyte Name</u>
Result Units: mg/Kg	86/7/8	Date Analyzed:	86/7/8	Date Ext/Dig/Prep:
A0108 846: SW846 6010A			RCRA	ANALYSIS: Metals -
S.0	 KDL			Mercury
Its <u>Reported Detection Limits</u>	Analytical Resu			<u>Analyte Name</u>
Result Units: mg/Kg	86/7/8	Date Analyzed:	86/7/E	Date Ext/Dig/Prep:
At 747 At Method Retailed At 12		LAI2	INTERCENT À - INC	ANALYSIS: Metals -
VILVL 30 a portola		۷ d	A munorold	- Metam ASIZA IANA
01	91	۷a.		Diesel Range Organics
01	16 Analytical Resu	۷۵L		
01		:bəzylanA ətaQ A A		Diesel Range Organics
<u>Its</u> <u>Reported Detection Limits</u> 10	<u>Analytical Resu</u>	:bəzylınA ətsU	(DHO) 86/6/£	<u>Analyte Name</u> Diesel Range Organics
Method Ref: 3550B/8015B Result Units: mg/Kg <u>Its Reported Detection Limits</u> 10	3/S/98	:bəzylınA ətsU	(DHO) 86/6/£	<u>ANALYSIS: Diesel R</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
5 Method Ref: 3550B/8015B Result Units: mg/Kg <u>اts</u> <u>Reported Detection Limits</u> 10	Analytical Resu 3/5/98 RDL	:bəzylınA ətsU	(DHO) 86/6/£	Xylenes ANALYSIS: Diesel R Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
5 Method Ref: 3550B/8015B Result Units: mg/Kg <u>Its Reported Detection Limits</u> 10	<rdl< p=""> <rdl< p=""></rdl<></rdl<>	:bəzylınA ətsU	(DHO) 86/6/£	Toluene Xylenes ANALYSIS: Diesel R Date Ext/Dig/Prep: <u>Analyte Vame</u> Diesel Range Organics
5 Method Ref: 3550B/8015B Result Units: mg/Kg <u>اts</u> <u>Reported Detection Limits</u> 10	Analytical Resu 3/5/98 RDL	:bəzylınA ətsU	(DHO) 86/6/£	Xylenes ANALYSIS: Diesel R Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
5 5 5 Method Ref: 3550B/8015B Result Units: mg/Kg <u>Its Reported Detection Limits</u> 10	Analytical Resu 3/5/98 21 21 21 21 21	:bəzylınA ətsU	(DHO) 86/6/£	Ethyl benzene Toluene Xylenes Date Ext/Dig/Prep: Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
5 5 5 Method Ref: 3550B/8015B Result Units: mg/Kg <u>Its Reported Detection Limits</u> 10	Analytical Resu 7.8 3/5/98 Analytical Resu	:bəzylınA ətsU	(DHO) 86/6/£	Benzene Ethyl benzene Xylenes Date Ext/Dig/Prep: Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

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Client Sample ID: EW-G5-B

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2'HA¶		SI	SATANA

066		<bdl< th=""><th></th><th></th><th>Acenaphthylene</th></bdl<>			Acenaphthylene
330		<bdl< td=""><td></td><td>Acenaphthene</td></bdl<>		Acenaphthene	
330		<bdl< td=""><td></td><td></td><td>2-Methylnaphthalene</td></bdl<>			2-Methylnaphthalene
330		<bdl< td=""><td></td><td></td><td>1-Methylnaphthalene</td></bdl<>			1-Methylnaphthalene
orted Detection Limits	वित्र हिंद	<u>Analytical Resul</u>			<u>Analyte Name</u>
SA/2n	Result Units:	86/\$/£	Date Analyzed:	86/L/E	Date Ext/Dig/Prep:
0L28 948MS	Method Ref:		·		ANALYSIS: PAH's

		Pyrene
330	<\$DL	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
0EE	 KDL	Phenanthrene
330	<bdl< td=""><td>Naphthalene</td></bdl<>	Naphthalene
330	<bdl< td=""><td>Indeno(1,2,3-cd)pyrene</td></bdl<>	Indeno(1,2,3-cd)pyrene
330	<rdl< td=""><td>Fluorene</td></rdl<>	Fluorene
330	<kdl< td=""><td>Fluoranthene</td></kdl<>	Fluoranthene
330	<kdl< td=""><td>Dibenzo(a,h)anthracene</td></kdl<>	Dibenzo(a,h)anthracene
330	<\$DF	Chrysene
330	<bdf< td=""><td>Benzo(k)fluoranthene</td></bdf<>	Benzo(k)fluoranthene
330	 KDF	Benzo(g,h,i)perylene
330	<bdl< td=""><td>Benzo(b)fluoranthene</td></bdl<>	Benzo(b)fluoranthene
330	<kdl< td=""><td>Benzo(a)pyrene</td></kdl<>	Benzo(a)pyrene
066	<kdl< td=""><td>Benzo(a)anthracene</td></kdl<>	Benzo(a)anthracene
330	<&DF	Anthracene
330	<bdl< td=""><td>Acenaphthylene A</td></bdl<>	Acenaphthylene A
930	 KDL	Acenaphthene
330	 KDF	2-Methylnaphthalene
330	<&DL	I-Methylnaphthalene
Reported Detection	Analytical Results	<u>əmsN əivisnA</u>

PCB's	SISYJANA

ANAL, YSIS: Pesticides

50	ΓC	[X]>			PCB-1260
50	IC	-BJ			PCB-1254
50	TC	-BJ			PCB-1248
50	TC	-BI			bCB-1545
07	TC	IX>			PCB-1232
012	TC	< <u></u>			PCB-1221
50	JC	IX)>			PCB-1016
orted Detection Limits	<u>i Kesuits</u> <u>Re</u>	<u>soitylenA</u>			<u>Analyte Name</u>
zy/2u	Result Units:	86/1/8	Date Analyzed:	86/L/E	Date Ext/Dig/Prep:

delta-BHC			 KDL		5
nefluzobn∃-sted			<bdl< td=""><td></td><td>7</td></bdl<>		7
beta-BHC			- KDL		5
alpha-Endosultan			 KDL		7
alpha-BHC			<\$DF		Σ
ninblA			<bdl< td=""><td></td><td>5</td></bdl<>		5
t't-DDL			 KDF		2
¢'¢≓DDE			 KDL		5
¢⁺t،⁻DDD			<¥DF		5
<u>Analyte Name</u>			Analytical Results	ts Reporte	orted Detection Limits
Date Ext/Dig/Prep: 3	86/ <i>L</i> /E	Date Analyzed:	I 86/⊅/E	Result Units: ug	FA/In

<RDL = Less than Reported Detection Limit

Method Ref: 3550B/8081A

Method Ref: 3550B/8082

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ACCURA ANALYTICAL LABORATORY, INC.

0	\$8			p-Terphenyl-d14	
0	LS			Vitrobenzene-d5	
0	99			2-Fluorobiphenyl	
<u>Reported Detection Limits</u>	Analytical Results			Analyte Name	
% :sti	3/5/98 Result Uni	Date Analyzed:	86/ <i>L</i> /E	Date Ext/Dig/Prep:	
ef: 3550B/8270C	Method Re	(slio2) estegoru	Ventral QC Su	AVALYSIS: X Base	
				,	
I	 KDF		(0.c = timiJ g9A) 19vli2	
I	<bdl,< td=""><td></td><td>(0.1</td><td>= timiJ g9A) muinələ2</td></bdl,<>		(0.1	= timiJ g9A) muinələ2	
1	<bdl< td=""><td></td><td></td><td>(0.2 = timiJ g9A) bs9J</td></bdl<>			(0.2 = timiJ g9A) bs9J	
I	 KDL			- timid Beg Limit	
I	 KDF			= timid g9A) muimbsD	
I	L.I			Barium (Reg Limit = 1	
I	<kdl< td=""><td></td><td>(0.</td><td>Arsenic (Reg Limit = 5</td></kdl<>		(0.	Arsenic (Reg Limit = 5	
Reported Detection Limits	Analytical Results			<u>Analyte Name</u>	
it: ng/l	inU flusəA 89/5/6	Date Analyzed:	86/\$/£	Date Ext/Dig/Prep:	
ef: 3010A/6010B	Method Re		[etals	VALYSIS: TCLPM	
1.0	 KDF	,	(7'(Mercury (Reg Limit =)	
Reported Detection Limits	<u>Analytical Results</u>			<u>Analyte Name</u>	
its: mg/L	inU fluzəX 8esult Uni	Date Analyzed:	86/7/E	Date Ext/Dig/Prep:	
A0747 :1a	Method Ke		ereury	VANTASIS: TCLPM	
0	ΥN			TCLP Extraction	
Reported Detection Limits	Analytical Results			Analyte Name	
:sti	3/2/98 Result Uni	Date Analyzed:	86/7/E	Date Ext/Dig/Prep:	
IIEI Je	Method Re	eqnie	2014 noitesta	VALLYSIS: TCLP E	
50	 KDL			Toxaphene	
50	<&DF		(Isoii	Total Chlordane (Techn	
01	<&DF			Methoxychlor	
5	<&DF			Heptachlor epoxide	
5	 KDF			Heptachlor	
5	<&DF			gamma-BHC	
5	<bdl< td=""><td></td><td></td><td>Endrin aldehyde</td></bdl<>			Endrin aldehyde	
5	 KDL			Endrin	
5	 KDL			Endosulfan sulfate	
5	<kdl< td=""><td></td><td></td><td>Dieldrin</td></kdl<>			Dieldrin	

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0.	9	511			8b-ənəuloT
0	(]40			4-Bromofluorobenzene
0	Ģ	901			1,2-Dichloroethane-d4
ported Detection Limits	Besults Results	<u>Analytical</u>			<u>əmsV ətylanA</u>
%	Result Units:	86/9/E	Date Analyzed:	86/9/E	Date Ext/Dig/Prep:
8260B	Method Ref:		(slio2) se	OC Surrogate	VALY SISTANA
0		\$ 6			Tetrachloro-m-xylene
0		50 L6			Decachlorohiphenyl
0		20			lyneddidoroldagoo(]
ported Detection Limits	<u>Results</u> <u>Re</u>	<u>Analytical</u>			Analyte Name
%	Result Units:	86/⊅/8	Date Analyzed:	86/ <i>L</i> /E	Date Ext/Dig/Prep:
1808/40825	Method Ref:		<u>estes</u>	CB OC 2nrre	AVALY255 X :SIZY.IANA
0		18			o-Lerphenyl
gimid noitested betrop	<u>Results</u> <u>Re</u>	<u>Analytica</u>			Analyte Name
%	:etinU tluesA	86/\$/8	Date Analyzed:	86/6/E	Date Ext/Dig/Prep:
3550B/8015B	Method Ref:		(lio2) 23	OC Surrogat	ONAL X SISYJANA

Accura Analytical Laboratory, Inc.

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USACE-MRD Approved SC Certification # 98015 NC Certification # 483 FL Certification # E87429 7100 FAX Workers, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

LABORATORY REPORT

Date Analyzed: 3/9/98

Accura Project #: 15784

Result Units: ug/Kg

Method Ref: 8260B

Accura Sample ID #: AB38260

HUNTER AAF FIRE TRAINING Client Project Name: Client Project Number: DACA21-97-C-0042 Client Contact: T. SHEPPARD Client: Omega Env. Services - Tucker

86/6/8

JIOS :xirtsM slqms2 Date Reported: 9/16/98 Date Received: 2/27/98 Date Sampled: 2/26/98

SW/35 ^	ANALYSIS: BTEX b	
EB-GS	Client Sample ID:	

Date Ext/Dig/Prep:

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\$ \$ \$ \$ \$		TUX> TUX> TUX> TUX> TUX> 9.0			Cadmium Chromium Selenium Silver
Ş		1.8			Barium
Ş		<bdl< td=""><td></td><td></td><td>Arsenic</td></bdl<>			Arsenic
orted Detection Limits	<u>ults Re</u>	<u>Analytical Res</u>			<u>Analyte Name</u>
. gA/Zm	Result Units:	3/7/68	Date Analyzed:	86/\$/£	Date Ext/Dig/Prep:
A0103 348W2	Method Ref:			всва	- sletaM :SISY.JANA
<i>S</i> .0		<bdl< td=""><td></td><td></td><td>Mercury</td></bdl<>			Mercury
ported Detection Limits	<u>भ</u> ारत हो।	Analytical Res			<u>Analyte Name</u>
gX/Zm	Result Units:	86/7/8	Date Analyzed:	86/7/E	Date Ext/Dig/Prep:
VI <i>L</i> ħL	Method Ref:		- VAC	Mercury - RO	- sleij Metals: Metals
01		12		(DKO)	Diesel Range Organics
ported Detection Limits	<u>estin</u>	Analytical Res			<u>Analyte Name</u>
3X/2m	Result Units:	86/S/E	Date Analyzed:	86/6/E	Date Ext/Dig/Prep:
3550B/8015B	:îəX botiəM		<u>(DKO)</u>	enge Organic	AIALYSIS: Diesel R
52		<bdl< td=""><td></td><td></td><td>Xylenes</td></bdl<>			Xylenes
52		<bdl< td=""><td></td><td></td><td>ansuloT</td></bdl<>			ansuloT
52		<bdl< td=""><td></td><td></td><td>Ethyl benzene</td></bdl<>			Ethyl benzene
52		<bdl< td=""><td></td><td></td><td>Benzene</td></bdl<>			Benzene
ported Detection Limits	<u>ults Re</u>	Analytical Res			<u>Analyte Name</u>

AALSample ID #: AB38260 Accura Project #: 15784

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<RDL = Less than Reported Detection Limit

ACCURA ANALYTICAL LABORATORY, INC.

Client Sample ID: EB-G5

 s'HA <u>'</u> s	SISATIVNV

Benzo(b)fluoranthene			< <u>KD</u> L		000
Benzo(a)pyrene			 		
Benzo(a)anthracene					330
Anthracene			<bdl< td=""><td></td><td>330</td></bdl<>		330
- ·			 KDC		330
Acenaphthylene			 KDF		330
Acenaphthene			<bdl< td=""><td></td><td>330</td></bdl<>		330
2-Methylnaphthalene			<bdl< td=""><td></td><td>330</td></bdl<>		330
I-Methylnaphthalene			<bdl< td=""><td></td><td>330</td></bdl<>		3 30
<u>əmeN ətylenA</u>			Analytical Resu	वित्र दिन	orted Detection Limits
Date Ext/Dig/Prep:	86/6/2	Date Analyzed:	86/5/8	Result Units:	zX\zu
ANALYSIS: PAH's				Method Ref:	0L28 948WS

AVALYSIS: PCB's	Method	d Ref: 3550B/8082
Pyrene	<&DL	955
Phenanthrene	<\$DF	330
Naphthalene	- SEDL	956
Indeno(1,2,3-cd)pyrene	 KDL	330
Fluorene	<bdl< td=""><td>930</td></bdl<>	930
Fluoranthene	 KDL	330
Dibenzo(a,h)anthracene	 KDL	066
Chrysene	 KDF	930
Benzo(k)fluoranthene	 KDF	022
Benzo(g,h,i)perylene	 KDF	055
Benzo(b)fluoranthene	<&DF	055
Benzo(a)pyrene	<kdl< td=""><td>088</td></kdl<>	088
Benzo(a)anthracene	<bdl< td=""><td>330</td></bdl<>	330

40		<bdl< th=""><th></th><th></th><th>PCB-1221</th></bdl<>			PCB-1221
50		 KDL			PCB-1016
orted Detection Limits	<u>sa Ret</u>	Analytical Result			<u>Analyte Name</u>
gX/gu	Result Units:	86/Þ/E	Date Analyzed:	86/L/E	Date Ext/Dig/Prep:
2808/H0225	Method Ref:				VALIVEIS: PCB's

50	 KDL	PCB-1260
50	<bdl< td=""><td>PCB-1254</td></bdl<>	PCB-1254
50	<bdl< td=""><td>PCB-1248</td></bdl<>	PCB-1248
50	<bdl< td=""><td>PCB-1242</td></bdl<>	PCB-1242
40	<bdl< td=""><td>PCB-1232</td></bdl<>	PCB-1232
07	<bdl< td=""><td>PCB-1221</td></bdl<>	PCB-1221
50	<kdl< td=""><td>PCB-1016</td></kdl<>	PCB-1016

84 to 22 g ^q	<RDL = Less than Reported Detection Limit	ACCURA ANALYTICAL LABORATORY, INC.
		delta-BHC
Z	<kdl< td=""><td>nsiluzobaA-stəd</td></kdl<>	nsiluzobaA-stəd
Z	- KDL	Peta-BHC
Z	<bdl< td=""><td>alpha-Endosultan</td></bdl<>	alpha-Endosultan
Z	<kdl< td=""><td>slpha-BHC</td></kdl<>	slpha-BHC
Z	 KDF	ninblA
7	<bdl< td=""><td>t't-DDL</td></bdl<>	t't-DDL
z	<bdf< td=""><td>t*t-DDE</td></bdf<>	t * t -DDE
z	<bdl< td=""><td>4'4.-DDD</td></bdl<>	4' 4. -DDD
ported Detection Limits	Analytical Results Re	<u>Analyte Name</u>

Date Analyzed: 3/4/98

AALSample ID #: AB38260 Accura Project #: 15784

Result Units: ug/Kg

Method Ref: 3550B/8081A

Client Sample ID: EB-G5

Date Ext/Dig/Prep: 3/7/98

ANALYSIS: Pesticides

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0 0 0		0L 82 1E			2-Fluorobiphenyl Nitrobenzene-d5 41b-lynshenyl-d14
sported Detection Limits .	ज्य ह	Analytical Result			<u>Analyte Name</u>
,	:stinU tlus5A	86/5/8	Date Analyzed:	86/6/E	Date Ext/Dig/Prep:
3350B/8270C		80/5/0			VALYSIS: X Base
stimiJ nottestion Limits I I I I I	<u>stinU Jurs:</u> <u>3</u>	3/3/98 Analytical Result RDL RDL RDL RDL RDL RDL SRDL SRDL SRDL	:bəzylanA ətaG	86/S/E 86/S/E 86/S/E	<u>AVALYSIS:</u> TCLP M Date Ext/Dig/Prep: Date Ext/Dig/Prep: <u>Analyte Name</u> Arsenic (Reg Limit = 10 Chromium (Reg Limit = 10 Chromium (Reg Limit = 10) Chromium (Reg Limit = 5.0) Chromium (Reg Limit = 5.0) Selenium (Reg Limit = 5.0)
		<bdl< td=""><td></td><td>(7:)</td><td>Mercury (Reg Limit = 0</td></bdl<>		(7:)	Mercury (Reg Limit = 0
<u>ported Detection Limits</u> 0.1	201 5	Analytical Result			<u>Analyte Name</u>
ៗ/ਡੇਘ	Method Ref: Result Units:	86/7/8	 DəzylanA ətaÜ	3/2/98 ercury	Date Ext/Dig/Prep: AMALYSIS: TCLP M
0		¥N			TCLP Extraction
<u>ported Detection Limits</u>	इ.स.	<u>Analytical Result</u>			Analyte Name
	Result Units:	86/7/8	Date Analyzed:	86/Z/E	Date Ext/Dig/Prep:
IIEI	Method Ref:		equre	eraction Proc	VIVELYSIS: TCLP Ex
50 50 10 5 5 5 5 5 5 5 5 5 5 5		าตง> าตง> าตง> าตง> าตง> าตง> าตง> าตง>		ical)	Dieldrin Endoruftan sulfate Endrin aldehyde gamma-BHC Heptachlor epoxide Methoxychlor Methoxychlor Total Chlordane (Techn

Pg 23 of 48

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ACCURA ANALYTICAL LABORATORY, INC.

0	SII			8b-ənəuloT
0	130			4-Bromofluorobenzene
0	111			1,2-Dichloroethane-d4
stimi.1 notseted betrog	<u>Results Results</u>	7		<u>Analyte Vame</u>
%	stinU tluzəA 86/9/	Date Analyzed: 3	86/6/E	Date Ext/Dig/Prep:
8260B	Aethod Ref:	ates (Soils)	QC Surrog	VALYSIS: X VOC
0	16			Tetrachloro-m-xylene
Ő	86			Decachiorobiphenyl
ported Detection Limits	Results Results	Ĩ		<u>Analyte Name</u>
%	:stinU fluesA 86/4/	Date Analyzed: 3	86/ <i>L</i> /E	Date Ext/Dig/Prep:
1808/A082E	Rethod Ref:	rrogates	CB OC 2 ⁿ	d/189d X SISYJANA
0	68			o-Terphenyl
ported Detection Limits	Results Results	Ī		Analyte Name
%	/5/98 Result Units:	Date Analyzed: 3	86/6/E	Date Ext/Dig/Prep:
3550B/8015B	:îəX bodtəM	ates (Soil)	OC Surrog	VALLYSIS: X DRO

Accura Analytical Labolatory, Inc.

Pg 24 of 48

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Client Sample ID: EB-G5

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved FL Certification # 483 SC Certification # 98015 USACE-MRD Approved

ГАВОВАТОВҮ ВЕРОВТ

Accura Project #: 15784

Accura Sample ID #: AB38261

Client: Omega Env. Services - TuckerDate Sampled: 2/26/98Client: Omega Env. Services - TuckerDate Received: 2/27/98Client Project Number: DACA21-97-C-0042Date Reported: 9/16/98Client Project Name: HUNTER AAF FIRE TRAININGSample Matrix: SOILClient Project Name: BI-G6Method Ref: 8260BANALYSIS: BTEX by GC/MSMethod Ref: 8260B

Date Ext/Dig/Frep: 3/6/98 Result Units: ug/Kg Analyte Name 5/6/98 Date Analyzed: 3/6/98 Result Units: ug/Kg Benzene 6,700 500 500 500 Ethyl benzene 6,700 500 500 Toluene 4001 500 500 Matte Name 6,700 500 500 Date Ext/Dig/Prep: 3/6/98 Date Analyzed: 3/2/98 Scault Units: mg/Kg Date Ext/Dig/Prep: 3/6/98 Date Analyzed: 3/2/98 Method Ref: 3/2/98 500 Date Ext/Dig/Prep: 3/6/98 Date Analyzed: 3/2/98 Result Units: mg/Kg Dissel Range Organics (DRO) 620 Method Ref: 3/2/98 500 500 Dissel Range Organics (DRO) 620 0.01 0.01 0.01 0.01 Dissel Range Organics (DRO) 620 1001 10.0 0.05 0.05 Date Ext/Dig/Prep: 3/6/98 Date Analyzed: 3/2/98 Result Units: mg/Kg Dissel Range Metind Re						
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AALSample ID #: AB38261 Accura Project #: 15784

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<RDL = Less than Reported Detection Limit

ACCURA ANALYTICAL LABORATORY, INC.

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e'HAT	SISYLANA

Method Ref: SW846 8270

Reported Detection Limits <u>Analyte Name</u> Analytical Results Result Units: ug/Kg Date Analyzed: 3/5/98 86/9/8 Date Ext/Dig/Prep:

Pyrene	 KDF	0091
Phenanthrene	<bdl< td=""><td>0091</td></bdl<>	0091
Naphthalene	. 008 [°] ⊅	0091
Indeno(1,2,3-cd)pyrene	<bdl< td=""><td>0091</td></bdl<>	0091
Fluorene	<bdl< td=""><td>0091</td></bdl<>	0091
Fluoranthene	<\$DF	0091
Dibenzo(a,h)anthracene	 KDF	0091
Chrysene	 KDL	0091
Benzo(k)fluoranthene	<kdl< td=""><td>0091</td></kdl<>	0091
Benzo(g,h,i)perylene	<bdl< td=""><td>0091</td></bdl<>	0091
Benzo(b)fluoranthene	<&DL	0091
Benzo(a)pyrene	 KDL	0091
Benzo(a)anthracene	<bdl< td=""><td>0091</td></bdl<>	0091
Anthracene	 KDľ	0091
Acenaphthylene	<bdl< td=""><td>009 I</td></bdl<>	009 I
Acenaphthene	 KDL	0091
2-Methylnaphthalene	007'6	009 I
analathaphthalene	6,200	0091
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Date Ext/Dig/Prep:

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AVALYSIS: Pesticides

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50	 KDĽ	bCB-1548
50	<bdl< td=""><td>PCB-1242</td></bdl<>	PCB-1242
40	<\$DF	PCB-1232
40	<bdl< td=""><td>PCB-1221</td></bdl<>	PCB-1221
50	<bdl< td=""><td>PCB-1016</td></bdl<>	PCB-1016
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Date Analyzed: 3/4/98

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AALSample ID #: AB38261 Accura Project #: 15784

Method Ref: 3550B/8081A

Result Units: ug/Kg

Method Ref: 3550B/8082

<RDL = Less than Reported Detection Limit

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ACCURA ANALYTICAL LABORATORY, INC.

Client Sample ID: EB-G6

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1151	Method Ref:		әлпрә	serion Proc	VALYSIS: TCLPE
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< RDL = Less than Reported Detection Limit84 Jo 72 gq

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ů 0		76			Decachlorobiphenyl
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3550B/8015B	Method Ref:		(lio2) sə	OC Surrogat	OND X SISYANA

Accura Analytical Laboratory, Inc.

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SC Certification # 98015 NC Certification # 483 FL Certification # E87429 USACE-MRD Approved 6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-5477 (770)449-5477

LABORATORY REPORT

Accura Project #: 15784

Accura Sample ID #: AB38262

:Ul slqms2 tnsilO EB-C1 Client Project Name: HUNTER AAF FIRE TRAINING Sample Matrix: SOIL Client Project Number: DACA21-97-C-0042 Date Reported: 9/16/98 Client Contact: T. SHEPPARD Date Received: 2/27/98 Date Sampled: 2/26/98 Client: Omega Env. Services - Tucker

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A1747 :193	Method R	CBV	Mereury - Ro	- slrid :SISYJANA
. 001 AI747 :39	007,1 A borteM	CRA		Diesel Range Organics ANALYSIS: Metals -
		CRA		
<u>Reported Detection Limits</u> 100	<u>Analytical Results</u> 1,700	:bəzylanA əted: TRA		zəinegrO əgneA ləzəiU
<u>Reported Detection Limits</u> 100	3/5/98 Result Un Analytical Results 1,700	:bəzylanA ətaG	(DKO) 86/9/E	<u>Analyte Name</u> Diesel Range Organics
its: mg/Kg <u>Reported Detection Limits</u> 100	3/5/98 Result Un Analytical Results 1,700	:bəzylanA ətaG	(DKO) 86/9/E	Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
ef: 3550B/8015B its: mg/Kg <u>Reported Detection Limits</u> 100	Method R 3/5/98 Result Un <u>Analytical Results</u> 1,700	:bəzylanA ətaG	(DKO) 86/9/E	<u>ANALYSIS:</u> Diesel R. Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
1300 ef: 3550B/8015B <u>Reported Detection Limits</u> 100	39,000 Method R 3/5/98 Result Un Analytical Results 1,700	:bəzylanA ətaG	(DKO) 86/9/E	Xylenes Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
1300 ef: 3550B/8015B its: mg/Kg <u>Reported Detection Limits</u> 100	<rdl 39,000 Method R 3/5/98 Result Un Analytical Results 1,700</rdl 	:bəzylanA ətaG	(DKO) 86/9/E	Toluene Xylenes Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
1300 1300 ef: 3550B/8015B its: mg/Kg <u>Reported Detection Limits</u> 100	I,300 <rdl 3/5/98 Result Un Analytical Results 1,700</rdl 	:bəzylanA ətaG	(DKO) 86/9/E	Ethyl benzene Xylenes Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
1300 ef: 3550B/8015B its: mg/Kg <u>Reported Detection Limits</u> 100	<rdl 39,000 Method R 3/5/98 Result Un Analytical Results 1,700</rdl 	:bəzylanA ətaG	(DKO) 86/9/E	Toluene Xylenes Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
1300 1300 ef: 3550B/8015B its: mg/Kg <u>Reported Detection Limits</u> 100	I,300 <rdl 3/5/98 Result Un Analytical Results 1,700</rdl 	:bəzylanA ətaG	(DKO) 86/9/E	Ethyl benzene Toluene Xylenes Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
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ACCURA ANALYTICAL LABORATORY, INC.

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<RDL = Less than Reported Detection Limit

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Method Ref: SW846 8270

Benzo(b)fluoranthene				0011
		 KDF		00/1
Benzo(a)pyrene		<bdl< td=""><td></td><td>00/1</td></bdl<>		00/1
Benzo(a)anthracene		<bdl< td=""><td></td><td>00/1</td></bdl<>		00/1
Anthracene		 KDL		00 <i>L</i> I
Acenaphthylene		<bdl< td=""><td>·</td><td>00/1</td></bdl<>	·	00/1
Acenaphthene		 KDL		00/1
2-Methyinaphthalene		000'\$1		00/1
1-Methylnaphthalene		10,000		00/1
<u>Analyte Name</u>		Analytical Resul	<u>ष्ठ्</u> य ह्य	stimi J nottection Limits
Date Ext/Dig/Prep: 3/6/98 I	Date Analyzed:	86/5/8	Result Units:	I.K.
STAT SISTANA				

Pyrene	 KDL	00 <i>L</i> I
Phenanthrene	<kdl< td=""><td>00/1</td></kdl<>	00/1
Naphthalene	00+'L	00/1
Indeno(1,2,3-cd)pyrene	<bdl< td=""><td>0021</td></bdl<>	0021
Fluorene	<bdl< td=""><td>00/1</td></bdl<>	00/1
Fluoranthene	<kdf< td=""><td>00/1</td></kdf<>	00/1
Dibenzo(a,h)anthracene	<pre></pre>	00/1
Chrysene	<&DF	00/1
Benzo(k)fluoranthene	<bdl< td=""><td>00/I</td></bdl<>	00/I
Benzo(g,h,i)perylene	<bdf< td=""><td>00/1</td></bdf<>	00/1
Benzo(b)fluoranthene	<bdl< td=""><td>00/1</td></bdl<>	00/1
Benzo(a)pyrene	<bdl< td=""><td>00/1</td></bdl<>	00/1
Benzo(a)anthracene	<bdf< td=""><td>0021</td></bdf<>	0021
Anthracene	<pre><kdf< pre=""></kdf<></pre>	00/1
Acenaphthylene	<bdl< td=""><td>00/1</td></bdl<>	00/1
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 FCB's	SISX'IVNV
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Date Ext/Dig/Prep:

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ANALYSIS: Pesticides

50	 KDI	FCB-1260
07	  KDL	PCB-1254
50	<&DL	bCB-1548
50	<bdl< td=""><td><b>LCB-1545</b></td></bdl<>	<b>LCB-1545</b>
40	<bdl< td=""><td>PCB-1232</td></bdl<>	PCB-1232
40	<bdl< td=""><td>PCB-1221</td></bdl<>	PCB-1221
50	<bdl<< td=""><td>PCB-1016</td></bdl<<>	PCB-1016
Reported Detection Limits	Analytical Results	Analyte Name

Date Analyzed: 3/4/98

delta-BHC		
		5
beta-Endosulfan	<\$DF	5
beta-BHC	 KDL	5
ashha-Endosultan	<bdl< td=""><td>2</td></bdl<>	2
alpha-BHC	 KDL	Z
Aldrin	<\$DF	5
4'4,-DDL	<rdl< td=""><td>7</td></rdl<>	7
4 <b>'4</b> DDE	<kdl< td=""><td>2</td></kdl<>	2
t'tDDD	<bdl< td=""><td>7</td></bdl<>	7
<u>əmsyi əiyisnA</u>	Analytical Results	Reported Detection Limits

Date Analyzed: 3/4/98

<RDL = Less than Reported Detection Limit

AALSample ID #: AB38262 Accura Project #: 15784

Result Units: ug/Kg

Result Units: ug/Kg

Method Ref: 3550B/8082

Method Ref: 3550B/8081A

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Client Sample ID: EB-G7

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ACCURA ANALYTICAL LABORATORY, INC.

86/L/E

86/L/E

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Bodnin <rdl< td="">     2       Bodnin     <rdl< td="">     2       Bodnin     <rdl< td="">     2       Bodnin     <rdl< td="">     2       Bodnin     <rdl< td="">     2       Bodnin     <rdl< td="">     2       Bodnin     <rdl< td="">     2       Bodnin     <rdl< td="">     2       Bodnin     <rdl< td="">     2       Bodnin     <rdl< td="">     2       Bodnin     <rdl< td="">     2       Methodxlen     <rdl< td="">     2       Analyte Name     <rdl< td="">     2       Analyte Name     3/2/98     Date Analyzed:     3/2/98       Baium (Reg Limit = 0.2)       2       Analyte Name       2       Analyte Name     3/2/98     Date Analyzed:     3/2/98       Baium (Reg Limit = 0.2)       3       Analyte Name       2       Analyte Name       3/2/98     Result Units: mg/L       Analyte Name        3/3/98     Result Context Detection Limits       Analyte Name         0       Analyte Name        0       Analyte Name</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	. %	Result Units:	86/5/8	Date Analyzed:	86/9/E	Date Ext/Dig/Prep:
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Endogulfan sulfate <rdl< td="">       2         Endogulfan sulfate       <rdl< td="">       2         Endogulfan sulfate       <rdl< td="">       2         Endin Bedrin       <rdl< td="">       2         Endin aldehyde       <rdl< td="">       2         Total Chloratine       <rdl< td="">       2         Medboycho       <rdl< td="">       2         Total Chloratine       <rdl< td="">       2         AMALYSIS: TCLP Mercury       <rdl< td="">       20         Adate Ext/Dig/Prep:       3/2/98       Date Analyzed:       3/3/98         Analyte Name       <rdl< td="">       20         Analyte Name       Mercury (Reg Limit = 0.2)       <rdl< td="">       0         Analyte Name       Analyte Name       Analyte Name       0         Analyte Name       3/2/98       Date Analyzed:       3/3/98       Result Units:       20         Analyte Name       3/2/98       Date Analyzed:       3/3/98       Result Units:       20         Analyte Name       3/2/98       Date Analyzed:       3/3/98       Result Units:       20         Analyte Name       3/3/98       Result Units:       20       0       1         Analyte Name       3/3/98       Result Units:       0       1     <td>I</td><td></td><td>&lt;ชาว</td><td></td><td>(</td><td>0.č = timiJ g9SI) təvliZ</td></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	I		<ชาว		(	0.č = timiJ g9SI) təvliZ
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Bariun (Keg Limit = 100.0)       <	I		<bdl< td=""><td></td><td></td><td></td></bdl<>			
Endoaufian sulfate <rdl< td="">     2       Endoaufian sulfate     <rdl< td="">     2       Endoaufian sulfate     <rdl< td="">     2       Endoaufian sulfate     <rdl< td="">     2       Endoaufian sulfate     <rdl< td="">     2       Endoaufian sulfate     <rdl< td="">     2       Endoaufian sulfate     <rdl< td="">     2       Endoaufian sulfate     <rdl< td="">     2       Indiante     <rdl< td="">     2       AnALVEIS:     3/2/98     Date Analyzed:     3/2/98       Analyte Manne     Analyte Manne     Nethod Ref:     7470A       Analyte Manne     Analyte Manne     0     0       Analyte Manne     Analyte Manne     0     0       Analyte Manne     Analyte Manne     0     0       Analyte Manne     3/2/98     Date Analyzed:     3/2/98       Analyte Manne     Analyte Manne     0     0       Analyte Manne     Analyte Manne     0     0       Analyte Manne     3/2/98     Date Analyzed:     3/2/98       Analyte Manne     3/2/98     Result Units:     0       Analyte Manne     0     0     0       Analyte Manne     3/2/98     Result Units:     0       Analyte Manne     3/2/98     Result Units:       A</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	I		 KDL		(0.1	= timiJ gəA) muimbsO
Endoaufian sulfate       < RDL	I		 KDL		(0.00	l = timi.I gəA) muinsB
Endosulfan sulfate <rdl< td="">       2         Endosulfan sulfate       <rdl< td="">       2         Endosulfan sulfate       <rdl< td="">       2         Endosulfan sulfate       <rdl< td="">       2         Endin alderyde       <rdl< td="">       2         Methoryte       <rdl< td="">       2         Toxaphene       <rdl< td="">       2         AMALYSIS:       JCLP Extraction       ARDL       2         Date Ext/Dig/Prep:       3/2/98       Date Analyzed:       3/2/98         Adate Ext/Dig/Prep:       3/2/98       Result Units:       20         Adate Ext/Dig/Prep:       3/2/98</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	I		<bdl< td=""><td></td><td>(0.</td><td>λrsenic (Reg Limit = 5</td></bdl<>		(0.	λrsenic (Reg Limit = 5
Endoaufan suffate <rdl< td="">       2         Endoaufan suffate       <rdl< td="">       2         Endrin       <rdl< td="">       2         Endrin       &lt;<rdl< td="">       2         Bridrin aldehyde       &lt;<rdl< td="">       2         Ramas-BHC       &lt;<rdl< td="">       2         Bridrin aldehyde       &lt;<rdl< td="">       2         Heptachlor       &lt;<rdl< td="">       2         AuALVSIS:       TCLP Extraction Procedure       &lt;<rdl< td="">       20         Analyte Name       &lt;<rdl< td="">       20       20         Analyte Yame       &lt;</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	orted Detection Limits	<u>। जिस्</u>	Analytical Resu			<u>Analyte Name</u>
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Endosulfan sulfate       < RDL	3010A/6010B	Rethod Ref:			[eta]s	VINT XZIZ: ICT W
Endosulfan sulfate <rdl< th="">2Endosulfan sulfate<rdl< td="">2EndrinEndrin<rdl< td="">2EndrinEndrin<rdl< td="">2Banna-BHC<rdl< td="">2Methocyclor<rdl< td="">2Methocyclor<rdl< td="">2Methocyclor<rdl< td="">2Date Ext/Dig/Prep:3/2/98Date Analyzed:3/2/98AuALYSIS:TCLP Extraction ProcedureMethod Ref:1311Total Chlordane<rdl< td="">20Analyte Name<rdl< td="">20Analyte Name3/2/98Date Analyzed:3/2/98Analyte Name20Aut. VISIS:TCLP Extraction Procedure20Analyte Name20Date Ext/Dig/Prep:3/2/98Date Analyzed:3/2/98Result Units:TCLP Extraction20Date Ext/Dig/Prep:3/2/98Date Analyzed:3/2/98Result Units:TCLP Extraction20Date Ext/Dig/Prep:3/2/98Date Analyzed:3/2/98Result Units:TCLP Extraction<!--</td--><td>1.0</td><td></td><td><bdl< td=""><td></td><td>(2.0</td><td>) = timiL g9R) (Reg Limit = (</td></bdl<></td></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	1.0		<bdl< td=""><td></td><td>(2.0</td><td>) = timiL g9R) (Reg Limit = (</td></bdl<>		(2.0	) = timiL g9R) (Reg Limit = (
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Endosulfan sulfate<8DL2Endrin<8DL	0		٧N			TCLP Extraction
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Endosultate <rdl< th="">2EndurinEndrin<rdl< td="">2EndrinAleptachlor<rdl< td="">2Barmas-BHC<rdl< td="">22Heptachlor<rdl< td="">22Heptachlor<rdl< td="">22Methoxychlor<rdl< td="">22Methoxychlor<rdl< td="">22Methoxychlor<rdl< td="">22</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>	50		<bdl< td=""><td></td><td></td><td>Toxaphene</td></bdl<>			Toxaphene
Endosultan sultate <rdl< th="">2Endrin<rdl< td="">2Endrin aldehyde<rdl< td="">2Banna-BHC<rdl< td="">2Heptachlor epoxide<rdl< td="">2Heptachlor<rdl< td="">2Methoxychlor<rdl< td="">2</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>					(Isoir	Total Chlordane (Techi
Endosultate <rdl< th="">2Endrin<rdl< td="">2Endrin<rdl< td="">2Endrin<rdl< td="">2Endrin<rdl< td="">2Bamma-BHC<rdl< td="">2Heptachlor<rdl< td="">2Heptachlor<rdl< td="">2</rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<></rdl<>			<bdl< td=""><td></td><td></td><td>Methoxychlor</td></bdl<>			Methoxychlor
Endosultan sultate <rdl< th="">2Endrin<rdl< td="">2Endrin<rdl< td="">2Barmas-BHC<rdl< td="">2Heptachlor<rdl< td="">2</rdl<></rdl<></rdl<></rdl<></rdl<>						Heptachlor epoxide
Endosulfan sulfate <rdl< th="">2Endrin<rdl< td="">2Endrin<rdl< td="">2Endrin<rdl< td="">2Endrin<rdl< td="">2</rdl<></rdl<></rdl<></rdl<></rdl<>						Hebtschlor
Endosultan sultate <rdl< th="">2Endrin<rdl< td="">2Endrin aldehyde<rdl< td="">2</rdl<></rdl<></rdl<>						gamma-BHC
Enderin <rdl< th="">2Endrin<rdl< td="">2</rdl<></rdl<>						Endrin aldehyde
Endosultan suitate <rdl 2<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td></rdl>						
			<bdl< td=""><td></td><td></td><td>սաթսել</td></bdl<>			սաթսել
	5					

<RUL = Less than Reported Detection Limit

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ACCURA ANALYTICAL LABORATORY, INC.

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84 To 16 39

Client Sample ID: EB-G7

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sb-ər		104			0
nofluorobenzene		811			ů 0
chloroethane-d4		101			ů 0
te Name		Analytical Result	<u>its Re</u>	oorted De	stimiJ noitoste
:bazyPrep: 3/9/98 Date Analyzed:	Date Analyzed:	86/6/E	Result Units:	%	
VSIS: X VOC OC Surrogates (Soils)	(slio2)		Method Ref:	80928	
ploro-m-xylene		<del>7</del> 9			0
hlorobiphenyl		LL			0
<u>te Name</u>		Analytical Result	<u>।</u> जिस्तु हो।	<u>ported De</u>	<u>stimi. Limits</u>
ibszylnig/Prep: 3/7/98 Date Analyzed:	Date Analyzed:	86/⊅/£	Result Units:	%	
XSIS: X Pest/PCB OC Surrogates	sites		Method Ref:	8/A082£	180
յենոչվ		See narrativ	əvi		0
te Name		Analytical Result		ported De	stimi.J noitoste
step: 3/6/98 Date Analyzed:	Date Analyzed:	86/S/E	Result Units:	%	
LYSIS: X DRO QC Surrogates (Soil)	(lio2)		Method Ref:	3550B/8	810B

Accura Analytical Laboratory, Inc.

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SC Certification # 98015 NC Certification # 483 FL Certification # E87429 USACE-MRD Approved 7703 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

### **Г.АВОВАТОВҮ REPORT**

### Accura Project #: 15784

## Accura Sample ID #: AB38263

B0828 :359 botheM	VANTASIS: BLEX PA CC/WS
	Client Sample ID: EB-G8
Sample Matrix: SOIL	Client Project Name: HUNTER AAF FIRE TRAINING
Date Reported: 9/16/98	Client Project Number: DACA21-97-C-0042
Date Received: 2/27/98	Client Contact: T. SHEPPARD
Date Sampled: 2/26/98	Client: Omega Env. Services - Tucker

S		 KDF			muinələ2
Ş		<bdl< td=""><td></td><td></td><td>Lead</td></bdl<>			Lead
Ş		 KDF			Chromium
S.0		<kdf< td=""><td></td><td></td><td>Cadmium</td></kdf<>			Cadmium
Ş		13			muinsa
ç		 KDL			Arsenic
eported Detection Limits	nts Re	<u>Analytical Res</u>			<u>Amalyte Vame</u>
. ING/LT	Result Units:	86/7/8	Date Analyzed:	86/Þ/E	Date Ext/Dig/Prep:
A0106 848 8010A	Method Ref:		<u> </u>	RCRA	AVALYSIS: Metals
<i>s</i> .0		<bdl< td=""><td></td><td></td><td>Mercury</td></bdl<>			Mercury
eported Detection Limits	<u>Na ziu</u>	<u>Analytical Res</u>			<u>Analyte Name</u>
: mg/Kg	Result Units:	86/7/8	Date Analyzed:	3/2/8	Date Ext/Dig/Prep:
251					
	Method Ref:		AA	Mereury - RC	- eletals: Metals -
	:TəA bontəM	5,100	AA.		Diesel Range Organics <u>ANALYSIS:</u> <u>Metals</u> -
¥1 <i>L</i> †/		<u>Analytical Res</u> 2,100	A A A A A A A A A A A A A A A A A A A		
eported Detection Limits 100 7471A			Date Analyzed: AA		Diesel Range Organics
eported Detection Limits 100 7471A	Result Units: <u>ults Zau</u> t	<u>Analytical Res</u>	:bəzylsnA ətsU	. (OYA) 86/9/£	<u>Analyte Name</u> Diesel Range Organics
3550B/8015B mg/Kg 100 17471A	Result Units: <u>ults Zau</u> t	3/5/98 Analytical <u>Res</u>	:bəzylsnA ətsU	. (OYA) 86/9/£	<u>ANALYSIS: Diesel R</u> Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
1300 3550B/8015B mg/Kg 100 100 17471A	Result Units: <u>ults Zau</u> t	4,800 4,800	:bəzylsnA ətsU	. (OYA) 86/9/£	Xylenes Date Ext/Dig/Prep: Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics
1300 1300 مورت المراجع مورتوط Detection Limits 100 100	Result Units: <u>ults Zau</u> t	<kdl< p=""></kdl<>	:bəzylsnA ətsU	. (OYA) 86/9/£	Toluene Xylenes Date Ext/Dig/Prep: <u>Anaiyte Name</u> Diesel Range Organics
1300 1300 3550B/8015B ت mg/Kg 100 100 7471A	Result Units: <u>ults Zau</u> t	Analytical Res 3/5/98 4,800 10,000	:bəzylsnA ətsU	. (OYA) 86/9/£	Ethyl benzene Toluene MALYSIS: Diesel R Date Ext/Dig/Prep: Analyte Name Diesel Range Organics
1300 1300 مورت المراجع مورتوط Detection Limits 100 100	Result Units: <u>ults Zau</u> t	<kdl< p=""></kdl<>	:bəzylsnA ətsU	. (OYA) 86/9/£	Toluene Xylenes Date Ext/Dig/Prep: <u>Anaiyte Name</u> Diesel Range Organics
1300 1300 3550B/8015B ت mg/Kg 100 100 7471A	Method Ref: Method Ref: Result Units: <u>ults</u> <u>Re</u>	Analytical Res 3/5/98 4,800 10,000	:bəzylsnA ətsU	. (OYA) 86/9/£	Ethyl benzene Toluene Xylenes Date Ext/Dig/Prep: <u>Analyte Name</u> Diesel Range Organics

<RDL = Less than Reported Detection Limit

<BDL

AALSample ID #: AB38263 Accura Project #: 15784

Pg 33 of 48

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ACCURA ANALYTICAL LABORATORY, INC.

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Method Ref: SW846 8270

00 <i>L</i> I	 KDL			Dibenzo(a,h)anthracene
00/1	<bdl< td=""><td></td><td></td><td>Chrysene</td></bdl<>			Chrysene
00 <i>L</i> I	<kdl< td=""><td></td><td></td><td>Benzo(k)fluoranthene</td></kdl<>			Benzo(k)fluoranthene
00/1	<bdl< td=""><td></td><td></td><td>Benzo(g,h,i)perylene</td></bdl<>			Benzo(g,h,i)perylene
00/1	<bdl< td=""><td></td><td></td><td>Benzo(b)fluoranthene</td></bdl<>			Benzo(b)fluoranthene
00/1	<bdl< td=""><td></td><td></td><td>Benzo(a)pyrene</td></bdl<>			Benzo(a)pyrene
00/1	<kdl< td=""><td></td><td></td><td>Benzo(a)anthracene</td></kdl<>			Benzo(a)anthracene
00/1	<&DF			Anthracene
00/1	<kdl< td=""><td></td><td></td><td>Acenaphthylene</td></kdl<>			Acenaphthylene
00/1	<kdl< td=""><td></td><td></td><td>Acenaphthene</td></kdl<>			Acenaphthene
00/1	005'6			2-Methylnaphthalene
00/1	10,000			I-Methylnaphthalene
orted Detection Limits	Analytical Results Rel			<u>AmsV stylenA</u>
ZA/In	3/5/98 Result Units:	Date Analyzed:	86/9/E	Date Ext/Dig/Prep:

Indeno(1,2,3-cd)pyrene

Dibenzo(a,h)anthracene

Pyrene

Fluorene

Phenanthrene

Naphthalene

Fluoranthene

AVALYSIS: Pesticides

50	<kdl< td=""><td></td><td></td><td><b>bCB-1560</b></td></kdl<>			<b>bCB-1560</b>
50	<bdl <<="" td=""><td></td><td></td><td>PCB-1254</td></bdl>			PCB-1254
50	<kdl< td=""><td></td><td></td><td>6CB-1548</td></kdl<>			6CB-1548
50	<kdl< td=""><td></td><td></td><td>PCB-1242</td></kdl<>			PCB-1242
40	<kdl< td=""><td></td><td></td><td>PCB-1232</td></kdl<>			PCB-1232
40	<kdl< td=""><td></td><td></td><td>PCB-1221</td></kdl<>			PCB-1221
50	<kdl< td=""><td></td><td></td><td>PCB-1016</td></kdl<>			PCB-1016
<u>etimi. U attection Limits</u>	nalytical Results Rel	¥		<u>omeN otylenA</u>
SA/Zn	t/98 Result Units:	Date Analyzed: 3/	86/ <i>L</i> /E	Date Ext/Dig/Prep:

<BDL

<BDL

<BDL

<BDL

<BDL

<BDL

					-,
delta-BHC			  KDL	5	5
beta-Endosulfan			<bdl< td=""><td>7</td><td>7</td></bdl<>	7	7
pets-BHC			<bdl< td=""><td></td><td>2</td></bdl<>		2
alpha-Endosultan			<bdl< td=""><td>5</td><td>5</td></bdl<>	5	5
alpha-BHC			 KDL	7	7
niablA			<bdl< td=""><td>7</td><td>7</td></bdl<>	7	7
4,4'-DDT			<bdl< td=""><td>7</td><td>7</td></bdl<>	7	7
<b>t</b> ⁺ <b>t</b> ,⁻DDE			<bdl< td=""><td>5</td><td>5</td></bdl<>	5	5
4't,-DDD			<bdl< td=""><td>5</td><td>5</td></bdl<>	5	5
<u>Analyte Name</u>			Analytical Results	ts Reported Detec	ed Detection Limits
Date Ext/Dig/Prep: 3/7/	86/ <i>L</i> /E	Date Analyzed:	I 86/⊅/E	Result Units: ug/Kg	BX/Z

AALSample ID #: AB38263 Accura Project #: 15784

Method Ref: 3550B/8081A

Method Ref: 3550B/8082

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00*L* I

1100

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<RDL = Less than Reported Detection Limit

Client Sample ID: EB-G8

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ACCURA ANALYTICAL LABORATORY, INC.

Zb-ansens-d2 Maraphenyl-d14		100 100		0 0
2-Fluorobiphenyl		08		0
<u>əmeV ətylenA</u>	Ψ	<u>Analytical Resul</u>	<u>eð</u> <u>et</u>	ported Detection Limits
Date Ext/Dig/Prep: 3/6/98 Date Analyzed:	3/8	86/\$/8	Result Units:	. %
ANALYSIS: X Base Neutral QC Surrogates (Soils)	-		Method Ref:	3550B/8270C
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)	<u>A</u>	Analytical Resul <rdl <rdl <rdl <rdl <rdl <rdl <rdl <rdl< td=""><td>छ हर</td><td><u>Ported Detection Limits</u> I I I I I I</td></rdl<></rdl </rdl </rdl </rdl </rdl </rdl </rdl 	छ हर	<u>Ported Detection Limits</u> I I I I I I
Date Ext/Dig/Prep: 3/5/98 Date Analyzed:	/٤	86/٤/٤	Result Units:	7/ឆិយ
ANALYSIS: TCLP Metals			Method Ref:	A0106\A010E
Mercury (Reg Limit = 0.2)		<bdl< td=""><td></td><td>1.0</td></bdl<>		1.0
<u>Analyte Name</u>	A	Analytical Resul	<u>99</u> <u>8</u>	ported Detection Limits
Date Ext/Dig/Prep: 3/2/98 Date Analyzed:	/E 3	86/7/8	Result Units:	Д/Яш
VNVLYSIS: TCLP Mercury			Method Ref:	¥0 <i>L</i> † <i>L</i>
Analyte Name TCLP Extraction	Ā	Analytical Resul AN	छ हत	<u>ported Detection Limits</u> 0
				otimi I mitoto di Fotoni
Date Ext/Dig/Prep: 3/2/98 Date Analyzed:	/8 3	86/7/8	Result Units:	
ANALYSIS: TCLP Extraction Procedure			Method Ref:	1151
Dieldrin Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor Heptachlor Methoxychlor Total Chlordane (Technical) Total Chlordane (Technical)		<pre><bdf GBDF SBDF SBDF SBDF SBDF SBDF SBDF SBDF S</bdf </pre>		50 50 10 5 5 5 5 5 5 5 5 5 5

<RDL = Less than Reported Detection Limit

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84 to 25 gq

Client Sample ID: EB-G8

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0		101			8b-ənəuloT
0		971			4-Bromofluorobenzene
0		66			1,2-Dichloroethane-d4
ported Detection Limits	<u>esults</u>	Analytical R		·	<u>Analyte Name</u>
%	Result Units:	86/01/2	Date Analyzed:	86/01/E	Date Ext/Dig/Prep:
8260B	Method Ref:		(slio2) s	<u>OC Surrogate</u>	O DOA X SISATIVNV
0		69			Tetrachloro-m-xylene
0		£9			Decachlorobiphenyl
orted Detection Limits	<u>estitisa</u>	<u>Analytical R</u>			<u>əmsM ətylsnA</u>
%	Result Units:	86/Þ/E	Date Analyzed:	86/L/E	Date Ext/Dig/Prep:
1808/A082E	Method Ref:		<u>eates</u>	CB OC Znrro	ο Αγγενδά Χ :SISYJANA
					- (
0	aviten	See nai			o-Terphenyl
orted Detection Limits	<u>esults</u> <u>etucs</u>	<u>Analytical R</u>			<u>Analyte Name</u>
%	Result Units:	86/5/8	Date Analyzed:	86/9/E	Date Ext/Dig/Prep:

Accura Analytical Laboratory, Inc.

Method Ref: 3550B/8015B

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ANALYSIS: X DRO QC Surrogates (Soil)

FL Certification # E87429 NC Certification # 483 SOU7, Phone (770)449-8800, FAX (770)449-5477 FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

**Г.АВО<b>RATORY REPORT** 

### Accura Project #: 15784

# Accura Sample ID #: AB38264

a0908 30 a row t	
	Client Sample ID: EB-G8-X
Sample Matrix: SOIL	Client Project Name: HUNTER AAF FIRE TRAINING
Date Reported: 9/16/98	Client Project Number: DACA21-97-C-0042
86/72/2 :beviee86: 2/27/9	Client Contact: T. SHEPPARD
Date Sampled: 2/26/98	Client: Omega Env. Services - Tucker

ς		 KDL			Silver
ç		 KDF			muinələZ
Ş		<bdl< td=""><td></td><td></td><td>Lead</td></bdl<>			Lead
ç		<bdl< td=""><td></td><td></td><td>Chromium</td></bdl<>			Chromium
S.0		<bdl< td=""><td></td><td></td><td>muimbeD</td></bdl<>			muimbeD
ç		13			Barium
Ş		<bdl< td=""><td></td><td></td><td>Arsenic</td></bdl<>			Arsenic
ported Detection Limits	<u>sults</u> <u>Re</u>	<u>Analytical Re</u>			<u>Analyte Name</u>
gy/gm	Result Units:	86/7/8	Date Analyzed:	86/Þ/E	Date Ext/Dig/Prep:
A0106 848WS	Method Ref:			- всву	AVALYSIS: Metals
<i>S</i> '0		 KDL			Mercury
ported Detection Limits	ञ्स ड्याण्ड	<u>Analytical Re</u>			Analyte Name
gX/gm	Result Units:	3/7/8	:bəzylanA ətaQ	86/7/E	Date Ext/Dig/Prep:
¥1 <i>L</i> †L	Method Ref:		CKA	· Mercury - R	- SISYJANA :SISYJANA
001		5,100		(വഹ)	Diesel Range Organics
001.					
ported Detection Limits		Analytical Reg			<u>Analyte Name</u>
ntimi I noiteated bater	e d stim				
	Result Units:	86/\$/£	:bəzylanA ətaU	86/9/E	Date Ext/Dig/Prep:
	Result Units:				
3550B/8015B	Result Units:	86/S/E			Nylenes Xylenes
שציאנצ אנצסנאנאנג אנצ	Result Units:				Dste Ext/Dig/Prep: ANALYSIS: Diesel R
m&\Kg 3550B/8015B 500 500 500	Result Units:	86/S/E 008'1			Date Ext/Dig/Prep: Xylenes Date Ext/Dig/Prep: Date Ext/Dig/Prep:
שציאנצ אנצסנאנאנג אנצ	Result Units:	86/S/E 008'1 TUX>			Toluene Xylenes <b>ANALYSIS: Diesel R</b> Date Ext/Dig/Prep:
тула 3550B/8015B 500 500 500 500 500	Method Ref:	86/S/E 008'1 ମପଧ> 000'9			Date Ext/Dig/Prep: Xylenes Date Ext/Dig/Prep: Date Ext/Dig/Prep:
m&\Kg 33550B\8015B 200 200 200 200 200 200 200 200	Method Ref:	86/S/E 008'1 ମପଧ> 000'9 089			Date Ext/Dig/Prep: Toluene Benzene Benzene Benzene
ug/Kg 3550B/8015B 500 500 500 500 500 500 500 500 500 5	<u>sults</u> <u>Ret</u> : Method Ref: Result Units:	Analytical Res 6,000 6,000 1,800 1,800	( <u>OAU) 8</u>	80\01\E 2011	Analyte Name Benzene Toluene Xylenes AMALYSIS: Diesel R Toluene Sylenes

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<RDL = Less than Reported Detection Limit

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ACCURA ANALYTICAL LABORATORY, INC.

<u>s'HAT</u>	SISX	IVNV

Method Ref: SW846 8270

Dibenzo(a,h)anthracene		<bdl< th=""><th>00/1</th><th></th></bdl<>	00/1	
Chrysene		<bdl< td=""><td>00/1</td><td></td></bdl<>	00/1	
Benzo(k)fluoranthene		<bdl< td=""><td>00/1</td><td></td></bdl<>	00/1	
Benzo(g,h,i)perylene		<bdl< td=""><td>00/1</td><td></td></bdl<>	00/1	
Benzo(b)fluoranthene		<bdl <<="" td=""><td>00/1</td><td></td></bdl>	00/1	
Benzo(a)pyrene		 <bdl< td=""><td>00/1</td><td></td></bdl<>	00/1	
Benzo(a)anthracene		 KDF	00/1	
Anthracene		<bdl< td=""><td>00/1</td><td></td></bdl<>	00/1	
Acenaphthylene		<bdl< td=""><td>00/1</td><td></td></bdl<>	00/1	
Acenaphthene		 KDF	00/1	
2-Methylnaphthalene		009 <b>'</b> E	00/1	
1-Methyinaphthalene		009'L	00/1	
Analyte Name		<u> Analytical Resul</u>	ts Reported Detection	<u>etimiJ no</u>
Date Ext/Dig/Prep: 3/6/98	8 Date Analyzed:	86/5/8	Result Units: ug/Kg	
SHAT SISY JANA	<u> </u>		MEIDOR KET: SW846 8210	

<u>ECD3</u>	SISTIANA
<b>DCDI</b>	JULY LANCE

Indeno(1,2,3-cd)pyrene

86/L/E

Date Ext/Dig/Prep:

Pyrene

Phenanthrene

Naphthalene

Fluoranthene

Fluorene

ANALYSIS: Pesticides

50 50 50 40	<pre><bdt <="" pre=""></bdt></pre>	bCB-1500 bCB-1524 bCB-1524 bCB-1548 bCB-1545 bCB-1535
07	<pre><kdf< pre=""></kdf<></pre>	ЬСВ-1551 ЬСВ-1010
<u>Reported Detection Limits</u> 20	<u>Analytical Results</u> <rdl< td=""><td>Analyte Name</td></rdl<>	Analyte Name

Date Analyzed: 3/4/98

<ßDΓ

<BDL

<BDL

<BDL

<BDL

<BDL

delta-BHC			<ßDF		5
beta-Endosulfan			 KDF		2
beta-BHC			 KDF	•	2
nstlusobn <b>I-s</b> hqls			<bdl< td=""><td></td><td>5</td></bdl<>		5
alpha-BHC			 KDL		Z
ninblA			<bdl< td=""><td></td><td>5</td></bdl<>		5
t't, DDT			<kdl< td=""><td></td><td>7</td></kdl<>		7
¢'t,⁻DDE			<bdl< td=""><td></td><td>Z</td></bdl<>		Z
<b>t't,</b> -DDD		·	<kdl< td=""><td></td><td>5</td></kdl<>		5
<u>Analyte Name</u>			<u>Analytical Resu</u>	ts <u>Reported D</u>	ted Detection Limits
Date Ext/Dig/Prep:	86/L/E	Date Analyzed:	86/†/8	Result Units: ug/Kg	3X/31

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AALSample ID #: AB38264 Accura Project #: 15784

Method Ref: 3550B/8081A

gX/gu

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00*L* I

00*L* I

Method Ref: 3550B/8082

Result Units:

<RDL = Less than Reported Detection Limit

Client Sample ID: EB-G8-X

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ACCURA ANALYTICAL LABORATORY, INC.

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0		₽L			41b-iynənqrə ^T -q
0		66			Cb-snsrnedoniN
0		ZL			2-Fluorobiphenyl
orted Detection Limits	<u>Its</u> <u>Rep</u>	Analytical Resu			<u>Analyte Name</u>
. %	Result Units:	86/5/8	Date Analyzed:	86/9/E	Date Ext/Dig/Prep:
3550B/8270C	Method Ref:		(slio2) estegoru	Ventral QC S	AVALYSIS: X Base
I		<kdl< td=""><td></td><td>(</td><td>0.2 = timid geß (Neer D. 2.0)</td></kdl<>		(	0.2 = timid geß (Neer D. 2.0)
I		 KDL		(0.1	Selenium (Reg Limit =
I		<bdl< td=""><td></td><td></td><td>Lead (Reg Limit = 5.0)</td></bdl<>			Lead (Reg Limit = 5.0)
Ι		<kdl< td=""><td></td><td>(0.č =</td><td>timiJ 39A) muimondO</td></kdl<>		(0.č =	timiJ 39A) muimondO
l		<bdl< td=""><td></td><td>(0.1</td><td>- Sadmium (Reg Limit =</td></bdl<>		(0.1	- Sadmium (Reg Limit =
I		<bdl< td=""><td></td><td>(0.00</td><td>Barium (Reg Limit = 1</td></bdl<>		(0.00	Barium (Reg Limit = 1
I .		<bdl< td=""><td></td><td>(0)</td><td>Arsenic (Reg Limit = 5</td></bdl<>		(0)	Arsenic (Reg Limit = 5
orted Detection Limits	ाह्य हिंद	Analytical Resu			<u>əmsV ətvisnA</u>
J/Im	Result Units:	86/E/E	Date Analyzed:	86/5/E	Date Ext/Dig/Prep:
3010A/6010B	Method Ref:		<del></del>	[eta]s	AUALYSIS: TCLPM
1.0		<bdl< td=""><td></td><td>(2.0</td><td>) = timiJ g9A) (Reg Limit = (</td></bdl<>		(2.0	) = timiJ g9A) (Reg Limit = (
orted Detection Limits	<u>वित्र ह</u> ि	Analytical Resu			<u>Analyte Name</u>
Д/Зш	Result Units:	86/7/8	Date Analyzed:	86/7/8	Date Ext/Dig/Prep:
¥0 <i>L</i> ‡ <i>L</i>	Method Ref:			lereury	VALYSIS: TCLP N
0		ΨN			TCLP Extraction
orted Detection Limits	<u>its Ret</u>	<u>Analytical Resu</u>			<u>Analyte Name</u>
	Result Units:	86/7/8	Date Analyzed:	86/7/8	Date Ext/Dig/Prep:
1311	Method Ref:		cequre	ord noitesta	VANTASIS: TCLP E
50		-KDL			Toxaphene
50		 KDL		(lean	Total Chlordane (Techi
01		אטר<			Methoxychlor
7		< <u>k</u> DL			Heptachlor epoxide
z		<pre><bdf< pre=""></bdf<></pre>			Heptachlor
z		<pre><bdf< pre=""></bdf<></pre>			gamma-BHC
z		  KDF			Endrin aldehyde
z		  KDF			Endrin
7		  KDL			Endosulfan sulfate
2		<ชกา			Dieldrin

AALSample ID #: AB38264 Accura Project #: 15784

0		L01			8b-ənəuloT
0		130			4-Bromofluorobenzene
0		101			1,2-Dichloroethane-d4
-					
ported Detection Limits	<u>Its</u> <u>Re</u>	Analytical Resul			<u>Analyte Name</u>
%	Result Units:	86/01/£	Date Analyzed:	86/01/E	Date Ext/Dig/Prep:
8260B	Method Ref:		(slio <u>S) s</u>	OC Surrogate	VALUES X VOC
0		70			
0		79			Tetrachloro-m-xylene
0		I <i>L</i>			Decachlorobiphenyl
ported Detection Limits	<u>its Re</u>	Analytical Resu			<u>Analyte Name</u>
%	Result Units:	86/4/8	Date Analyzed:	86/L/E	Date Ext/Dig/Prep:
1808/A082E	Method Ref:		gates	CB OC 2nLLO	d/1899 X :SISY.IANA
0	θΛ	See narrati			o-Terphenyl
ported Detection Limits	<u>BY Zat</u>	Analytical Resu			<u>əmsV ətylsnA</u>
%	Result Units:	86/5/8	:bəzylanA ətaU	86/9/E	Date Ext/Dig/Prep:
3550B/8015B	Method Ref:		(lio2) se	OC Surrogate	VALLYSIS: X DRO

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

### Accura Project #: 15784

Method Ref: 5030B/8260B

# Accura Sample ID #: AB38265

	Client Sample ID: II-TB
Sample Matrix: WATER	Client Project Mame: HUNTER AAF FIRE TRAINING
Date Reported: 9/16/98	Client Project Number: DACA21-97-C-0042
Date Received: 2/27/98	Client Contact: T. SHEPPARD
Date Sampled: 2/26/98	Client: Omega Env. Services - Tucker

8T-II	: <b>U ient Sample ID:</b>

# VALLYSIS: VOC's

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COURA ANALYTICAL LABORATOR	ВОКАТОКУ, IV	= 70¥>	= Less than Reported I	Detection Limit		84 to 14 gq
etrachloroethene			<bdl< td=""><td></td><td></td><td>ç</td></bdl<>			ç
Arene			<bdl< td=""><td></td><td></td><td>Ş</td></bdl<>			Ş
ethylene chloride			<kdl< td=""><td></td><td></td><td>Ş</td></kdl<>			Ş
əuəzuəq[ʎu]			<bdl< td=""><td></td><td></td><td>. S</td></bdl<>			. S
ibromochloromethane			<bdl< td=""><td></td><td></td><td>S</td></bdl<>			S
s-1,3-Dichloropropene			<bdl< td=""><td></td><td></td><td>ç</td></bdl<>			ç
s-1,2-Dichloroethene			<bdl< td=""><td></td><td></td><td>Ş</td></bdl<>			Ş
hloromethane			<bdl< td=""><td></td><td></td><td>Ş</td></bdl<>			Ş
hloroform			<bdl< td=""><td></td><td></td><td>Ş</td></bdl<>			Ş
hloroethane			<bdl< td=""><td></td><td></td><td>Ş</td></bdl<>			Ş
plorobenzene			<bdl <<="" td=""><td></td><td></td><td>· S</td></bdl>			· S
arbon tetrachloride			<&DF			Ş
abillusib nod a			<bdl< td=""><td></td><td></td><td>S</td></bdl<>			S
romomethane			<bdl< td=""><td></td><td></td><td>ç</td></bdl<>			ç
romotormor			<bdl< td=""><td></td><td></td><td>S</td></bdl<>			S
romodichloromethane			 KDF			S
əuəzuə			<bdl< td=""><td></td><td></td><td>\$</td></bdl<>			\$
cetone			<bdl< td=""><td></td><td></td><td>05</td></bdl<>			05
-Methyl-2-pentanone (MIBK)	MIBK)		<bdl< td=""><td></td><td></td><td>05</td></bdl<>			05
-Hexanone			<bdl< td=""><td></td><td></td><td>20</td></bdl<>			20
-Chloroethylvinyl ether			<bdl< td=""><td></td><td></td><td>10</td></bdl<>			10
Butanone (MEK)			<bdl< td=""><td></td><td></td><td>٥۶</td></bdl<>			٥۶
A-Dichlorobenzene			<bdl< td=""><td></td><td></td><td>ç</td></bdl<>			ç
3-Dichlorobenzene			<bdl< td=""><td></td><td></td><td>Ş</td></bdl<>			Ş
2-Dichloropropane			<bdl< td=""><td></td><td></td><td>Ş</td></bdl<>			Ş
.2-Dichloroethane			<bdl< td=""><td></td><td></td><td>ç</td></bdl<>			ç
,2-Dichlorobenzene			<bdl< td=""><td></td><td></td><td>Ş</td></bdl<>			Ş
, 1 - Dichloroethene			<bdl< td=""><td></td><td></td><td>Ş</td></bdl<>			Ş
, D-Dichloroethane			<bdl< td=""><td></td><td></td><td>Ş</td></bdl<>			Ş
, 1,2-Trichloroethane			<bdl< td=""><td></td><td></td><td>Ş</td></bdl<>			Ş
,1,2,2-Tetrachloroethane	e		<\$DF			Ş
.1,1-Trichloroethane			<bdl< td=""><td></td><td></td><td>Ş</td></bdl<>			Ş
<u>ameN atvian</u>			<u>Analytical Resu</u>	<u>gəy</u> <u>zi</u>	orted D	etection Limits
ate Ext/Dig/Prep: 3/3/98	86/8/8	bəzylanA ətaD	86/E/E	Result Units:	J\gu	

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

Analyte Name			Analytical Resu	নিয়ে দিল	ported Detection Limits
Date Ext/Dig/Prep: 3/	86/E/E	Date Analyzed:	86/E/E	Result Units:	%
S DO DOA X SISATANA	OC Surrogates	(Waters)		Method Ref:	2030B/8260B
Xylenes (Total)			 KDL		ç

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Pg 42 of 48

<RDL = Less than Reported Detection Limit

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ACCURA ANALYTICAL LABORATORY, INC.

8b-ənəuloT

4-Bromofluorobenzene

1,2-Dichloroethane-d4

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LABORATORY REPORT

#### Accura Project #: 15784

Sample Matrix: SOIL HUNTER AAF FIRE TRAINING Client Project Name: Date Reported: 9/16/98 Client Project Number: DACA21-97-C-0042 Date Received: 2/27/98 Client Contact: T. SHEPPARD Date Sampled: 2/26/98 Client: Omega Env. Services - Tucker Accura Sample ID #: AB38266

10 <BDL Reported Detection Limits Analytical Results Analyte Vame gX/gm Result Units: Date Analyzed: 3/5/98 86/5/8 Date Ext/Dig/Prep: Method Ref: 3550B/8015B ANALYSIS: Diesel Range Organics (DRO) ç <BDF səuəjky ç <BDL Toluene ç <BDL Ethyl benzene ç <BDL ansara Reported Detection Limits Analytical Results Analyte Name SA/Su Result Units: Date Analyzed: 3/6/98 Date Ext/Dig/Prep: 86/9/8 Method Ref: 8260B VINTARIS: BLEX PA CC/WR

ς <BDL muinala2 ς <BDL Lead ς <BDL Chromium **S.**0 <BDL muimbeD ς <BDL Barium ς <BDL Arsenic Reported Detection Limits Analytical Results Analyte Name Result Units: mg/Kg Date Analyzed: 3/2/98 Date Ext/Dig/Prep: 86/1/8 Method Ref: SW846 6010A ANALYSIS: Metals - RCRA <u>۶</u>.0 <BDL Mercury Analytical Results Reported Detection Limits Analyte Name នារ/ខ្ល Result Units: Date Analyzed: 3/2/98 3/2/8 Date Ext/Dig/Prep: Method Ref: 7471A AVALYSIS: Metals - Mercury - RCRA

84 to £4 gq <RDL = Less than Reported Detection Limit ACCURA ANALYTICAL LABORATORY, INC.

<BDL

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: Client Sample ID: METHOD BLANK

Diesel Range Organics (DRO)

#### **RALYSIS: PAH's**

Method Ref: SW846 8270

330	<kdl< td=""><td></td><td></td><td>Pyrene</td></kdl<>			Pyrene
330	<bdl< td=""><td></td><td></td><td>Phenanthrene</td></bdl<>			Phenanthrene
330	<pre><bdl< pre=""></bdl<></pre>			Naphthalene
330	<bdl< td=""><td></td><td></td><td>Indeno(1,2,3-cd)pyrene</td></bdl<>			Indeno(1,2,3-cd)pyrene
330	<bdl< td=""><td></td><td></td><td>Fluorene</td></bdl<>			Fluorene
330	<bdl <<="" td=""><td></td><td></td><td>Fluoranthene</td></bdl>			Fluoranthene
330	<bdl< td=""><td></td><td></td><td>Dibenzo(a,h)anthracene</td></bdl<>			Dibenzo(a,h)anthracene
330	<bdl< td=""><td></td><td></td><td>Chrysene</td></bdl<>			Chrysene
330	 KDL			Benzo(k)fluoranthene
330	<kdl< td=""><td></td><td></td><td>Benzo(g,h,i)perylene</td></kdl<>			Benzo(g,h,i)perylene
330	<bdl< td=""><td></td><td></td><td>Benzo(b)fluoranthene</td></bdl<>			Benzo(b)fluoranthene
330	<bdl< td=""><td></td><td></td><td>Benzo(a)pyrene</td></bdl<>			Benzo(a)pyrene
330	<bdl< td=""><td></td><td></td><td>Benzo(a)anthracene</td></bdl<>			Benzo(a)anthracene
330	<bdl< td=""><td></td><td></td><td>Anthracene</td></bdl<>			Anthracene
330	 KDF			Acenaphthylene
330	 KDF			Acenaphthene
330	 KDL			2-Methylnaphthalene
330	 KDL			i-Methylnaphthalene
Reported Detection Limits	<u>Analytical Results</u>			<u>AmeN stylenA</u>
zX/21 : 2011	3/2/98 Kesul	Date Analyzed:	86/9/E	Date Ext/Dig/Prep:
0/70 040 0	TATOLIA			CITY I COLORIGIAND

### VALITSIS: PCB's

86/L/E

Date Ext/Dig/Prep:

ANAL/YSIS: Pesticides

50	<bdl< td=""><td>PCB-1260</td></bdl<>	PCB-1260
50	<bdl,< td=""><td>6CB-1524</td></bdl,<>	6CB-1524
50	-KDL	PCB-1248
50	<\$DF	PCB-1242
07	<bdl< td=""><td>PCB-1232</td></bdl<>	PCB-1232
0	 KDF	PCB-1221
50	<bdl< td=""><td>bCB-1019</td></bdl<>	bCB-1019
Reported Detection Limits	Analytical Results	<u>Analyte Name</u>

Date Analyzed: 3/4/98

delta-BHC			<kdr <kdr< th=""><th></th><th>7</th></kdr<></kdr 		7	
nstluzobn3-stad			 KDL		5	
beta-BHC			 KDL	•	5	
alpha-Endosulfan			<bdl< td=""><td></td><td>7</td></bdl<>		7	
alpha-BHC			<bdl< td=""><td></td><td>5</td></bdl<>		5	
Aldrin			 KDL		5	
4,4'-DDT			<bdl< td=""><td></td><td>7</td></bdl<>		7	
₫'t⊦DDE			 KDL		7	
₫ <b>⁺</b> ₫-ƊDD			 KDL		7	
<u>Analyte Mame</u>			<u>Analytical Resul</u>	वञ्च हा	arted Detection Limits	
Date Ext/Dig/Prep: 3/7/98	86/ <i>L</i> /E	Date Analyzed:	86/⊅/€	Result Units:	Tan	

Method Ref: 3550B/8081A

Result Units: ug/Kg

Method Ref: 3550B/8082

<RDL = Less than Reported Detection Limit

84 To 44 gq

Client Sample ID: METHOD BLANK

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ACCURA ANALYTICAL LABORATORY, INC.

O	98			p-Terphenyl-d
0	6E			Cb-snssnsdora
0	67			2-Fluorobiphenyl
Reported Detection Limits	<u>Analytical Results</u>			Analyte Name
	3/2/68 Ke	Date Analyzed:	86/9/E	Date Ext/Dig/Prep:
thod Ref: 3550B/8270C	эМ	rrogates (Soils)	<u>dentral QC Su</u>	ANALYSIS: X Basel
I	<kdľ< td=""><td></td><td>,</td><td>Silver (Reg Limit = 5.0)</td></kdľ<>		,	Silver (Reg Limit = 5.0)
I	<bdl,< td=""><td></td><td>(0.1</td><td>Selenium (Reg Limit =</td></bdl,<>		(0.1	Selenium (Reg Limit =
I	<bdl< td=""><td></td><td></td><td>(0,č = timi L g9A) bs9 L</td></bdl<>			(0,č = timi L g9A) bs9 L
I	<bdl< td=""><td></td><td></td><td>= timiJ gəA) muimordD</td></bdl<>			= timiJ gəA) muimordD
I	 KDL			= timiJ geA) muimbeD
I	<bdl< td=""><td></td><td></td><td>)I = timiJ g9A) muireB</td></bdl<>			)I = timiJ g9A) muireB
I	<bdl< td=""><td></td><td>(0</td><td>Arsenic (Reg Limit = 5.</td></bdl<>		(0	Arsenic (Reg Limit = 5.
Reported Detection Limits	<u>Analytical Results</u>			Analyte Name
Jugm : : : : : : : : : : : : : : : : : : :	зу3/388 <u>Ке</u>	Date Analyzed:	86/5/£	Date Ext/Dig/Prep:
E0109/A010E 3010A/6010B	эM		etals	ANALYSIS: TCLPM
1.0	<bdl< td=""><td></td><td>(7:0</td><td>Mercury (Reg Limit = (</td></bdl<>		(7:0	Mercury (Reg Limit = (
Reported Detection Limits	<u>Analytical Results</u>			<u>Analyte Name</u>
J\gm :stinU tlus	3/2/98 Ke	Date Analyzed:	86/7/8	Date Ext/Dig/Prep:
A0747: 7470A	PM		[sreury	AVALYSIS: TCLPM
0	∀N			TCLP Extraction
Reported Detection Limits	<u>Analytical Results</u>			<u>Analyte Name</u>
stinU tlus:	२४ ४६/८/१	Date Analyzed:	86/7/8	Date Ext/Dig/Prep:
sthod Ref: 1311	PM	equre	2014 noitsertx	AVALYSIS: TCLP E
50	<bdl< td=""><td></td><td></td><td>Toxaphene</td></bdl<>			Toxaphene
50	 KDL		(lasir	Total Chlordane (Tech
01	<bdl< td=""><td></td><td> •</td><td>Methoxychlor</td></bdl<>		•	Methoxychlor
5	<kdl< td=""><td></td><td></td><td>Heptachlor epoxide</td></kdl<>			Heptachlor epoxide
5	<bdl< td=""><td></td><td></td><td>Heptachlor</td></bdl<>			Heptachlor
5	<bdl< td=""><td></td><td></td><td>gamma-BHC</td></bdl<>			gamma-BHC
5	<bdl< td=""><td></td><td></td><td>Endrin aldehyde</td></bdl<>			Endrin aldehyde
5	<bdl< td=""><td></td><td></td><td>Endrin</td></bdl<>			Endrin
5	<bdl< td=""><td></td><td></td><td>Endosulfan sulfate</td></bdl<>			Endosulfan sulfate
7	 KDL			Dieldrin

C. < KDL = Less than Reported Detection Limit Pg 45 of 48

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ACCURA ANALYTICAL LABORATORY, INC.

AALSample ID #: AB38266 Accura Project #: 15784

Client Sample ID: METHOD BLANK

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8b-ənəulu		901			0
Bromofluorobenzene		113			0
2-Dichloroethane-d4		105			0
V)		001			
arnse Vame		<u>Analytical Resul</u>	वित्र हिंदी	oorted De	etection Limits
ste Ext/Dig/Prep: 3/6/98 Date Analyzed:	ibəzylanA əfa	86/9/E	Result Units:	%	
AALYSIS: X VOC QC Surrogates (Soils)	(slie		Method Ref:	80928	
strachloro-m-xylene		28			0
seschlorobhenyl		86			0
			-		
nalyte Name		Analytical Resul	छि हो	outed Do	etection Limits
ate Ext/Dig/Prep: 3/7/98 Date Analyzed:	ate Analyzed:	86/7/8	Result Units:	%	
NAL.YSIS: X Pest/PCB QC Surrogates	S		Method Ref:	8/A0825	1808
	-		5 di prod	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Terphenyl		٤L			0
nalyte Name		Analytical Resul	হিম হায	n parred	etection Limits
amel( atvien		luce ( leoitulea (	C	Q F • #• •	, <u>, , , , , , , , , , , , , , , , , , </u>
ate Ext/Dig/Prep: 3/5/98 Date Analyzed:	ate Analyzed:	86/S/E	Result Units:	%	
NALYSIS: X DRO OC Surrogates (Soil)	(lic		Method Ref:	3220B\8	8015B

Accura Analytical Laboratory, Inc.

Client Sample ID: METHOD BLANK

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### LABORATORY REPORT

### Accura Project #: 15784

Method Ref: 5030B/8260B

## Accura Sample ID #: AB38267

Sample Matrix: WATER HUNTER AAF FIRE TRAINING Client Project Name: Date Reported: 9/16/98 Client Project Number: DACA21-97-C-0042 Date Received: 2/27/98 Client Contact: T. SHEPPARD Date Sampled: 2/26/98 Client: Omega Env. Services - Tucker

**WELHOD BFVNK** 

VALLYSIS: VOC's

: In slqma2 the ID:

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84 to 74 g ^q	LL LABORATORY, INC. <rdl 47="" =="" detection="" less="" limit="" of<="" pg="" reported="" th="" than=""><th>CCURA ANALY</th></rdl>		CCURA ANALY
Ş	<bdl< td=""><td>ອນ</td><td>[etrachloroethe</td></bdl<>	ອນ	[etrachloroethe
Ş	 KDL		ery rene
Ş	<bdl< td=""><td>əbi</td><td>vethylene chlor</td></bdl<>	əbi	vethylene chlor
ç	<kdľ,< td=""><td></td><td>ansznadiya</td></kdľ,<>		ansznadiya
ç	<rdl< td=""><td>nethane</td><td>oibromochloror</td></rdl<>	nethane	oibromochloror
ç	<bdl< td=""><td>obtopene</td><td>oroldoid-E,1-si:</td></bdl<>	obtopene	oroldoid-E,1-si:
ç	<rdl< td=""><td>ethene</td><td>oroldoid-2,1-si:</td></rdl<>	ethene	oroldoid-2,1-si:
ç	<\$DT	· · ·	Chloromethane
S	<rdl< td=""><td></td><td>motorold</td></rdl<>		motorold
Ş	<rdl< td=""><td></td><td>Chloroethane</td></rdl<>		Chloroethane
۰Ç	<kdľ< td=""><td></td><td>Chlorobenzene</td></kdľ<>		Chlorobenzene
ç	<bdl <<="" td=""><td>epire</td><td>Carbon tetrachle</td></bdl>	epire	Carbon tetrachle
Ş	<bdl <<="" td=""><td>e</td><td>Sarbon disulfide</td></bdl>	e	Sarbon disulfide
\$	<bdl <<="" td=""><td></td><td>3romomethane</td></bdl>		3romomethane
Ş	<bdl< td=""><td></td><td>miofomora</td></bdl<>		miofomora
ς	<bdl <<="" td=""><td>រទព្រះរាទ</td><td>3romodichloror</td></bdl>	រទព្រះរាទ	3romodichloror
Ş	<bdl< td=""><td></td><td>anazna£</td></bdl<>		anazna£
20	<kdl< td=""><td></td><td>Acetone</td></kdl<>		Acetone
20	<kdl< td=""><td>tanone (MIBK)</td><td>n9q-2-lydtəM-l</td></kdl<>	tanone (MIBK)	n9q-2-lydtəM-l
20	<kdl< td=""><td></td><td>anonaxaH-2</td></kdl<>		anonaxaH-2
01	<kdl< td=""><td>uxl ether</td><td>:-Chloroethylvi</td></kdl<>	uxl ether	:-Chloroethylvi
05	<bdl <<="" td=""><td>EK)</td><td>M) anonstud-2</td></bdl>	EK)	M) anonstud-2
Ş	<kdl< td=""><td>əuəzu</td><td>l,4-Dichlorober</td></kdl<>	əuəzu	l,4-Dichlorober
Ş	<bdl< td=""><td>əuəzt</td><td>l,3-Dichlorober</td></bdl<>	əuəzt	l,3-Dichlorober
Ş	<kdl< td=""><td>anaq</td><td>1,2-Dichloropre</td></kdl<>	anaq	1,2-Dichloropre
5	<bdl< td=""><td>ane</td><td>l,2-Dichloroeth</td></bdl<>	ane	l,2-Dichloroeth
Ş	<bdl< td=""><td>əuəzu</td><td>l,2-Dichlorober</td></bdl<>	əuəzu	l,2-Dichlorober
Ş	<kdl< td=""><td>əuə</td><td>l, l-Dichloroeth</td></kdl<>	əuə	l, l-Dichloroeth
S	<bdl< td=""><td>sue</td><td>1, I-Dichloroeth</td></bdl<>	sue	1, I-Dichloroeth
Ş	<bdl< td=""><td>ethane</td><td>1,2-Trichloro</td></bdl<>	ethane	1,2-Trichloro
ς	<bdl< td=""><td>loroethane</td><td>I, I, 2, 2-Tetrach</td></bdl<>	loroethane	I, I, 2, 2-Tetrach
Ş	 KDL	ទព្វរទាល	oroldoirT-1,1,1
timid noitested betro	Analytical Results Rep		<u>Analyte Name</u>
J/gu	stinU fluzoA 89/8/8	rep: 3/3/98 Date Analyzed:	Date Ext/Dig/P

Xylenes (Total)	<bdl< td=""><td>Ş</td></bdl<>	Ş
Vinyl chloride	<bdl< td=""><td>7</td></bdl<>	7
Vinyl acetate	<bdl< td=""><td>100</td></bdl<>	100
Trichlorofluoromethane	<bdl< td=""><td>Ş</td></bdl<>	Ş
Trichloroethene	<bdl< td=""><td>Ş</td></bdl<>	Ş
trans-1,3-Dichloropropene	 KDľ	S
trans-1,2-Dichloroethene	<bdl< td=""><td>ç</td></bdl<>	ç
Toluene	<bdl< td=""><td>S</td></bdl<>	S

(latoT) as	<bdl< th=""><th>S</th></bdl<>	S
chloride	<bdl< td=""><td>7</td></bdl<>	7
acetate	 KDL	101
orofluoromethane	<bdl< td=""><td>ç</td></bdl<>	ç
oroethene	 KDL	ς
-3-Dichloropropene	 KDľ	S
	<kdf< td=""><td>ç</td></kdf<>	ç

Date Analyzed: 3/3/98

(onoto)M	/ 30700044	s	JOA	А	·212V	IVN

8b-ansuloT

Analyte Name

4-Bromofluorobenzene

4b-onschoroethane-d4

% Method Ref: 5030B/8260B

Date Ext/Dig/Prep: 86/E/E ANALYSIS: X VOC OC Surrogates (Waters)

Result Units:

Reported Detection Limits Analytical Results

104 101 L6

Accura Analytical Laboratory, Inc.

0

0

0

84 lo 84 g^q

<RDL = Less than Reported Detection Limit

ACCURA ANALYTICAL LABORATORY, INC.

- [:] (

Client Sample ID: METHOD BLANK

AALSample ID #: AB38267 Accura Project #: 15784