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**PHOTOGRAPH -3-
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**PHOTOGRAPH -4-
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**PHOTOGRAPH -5-
COMPLETED CORPS SIGN SET-UP**



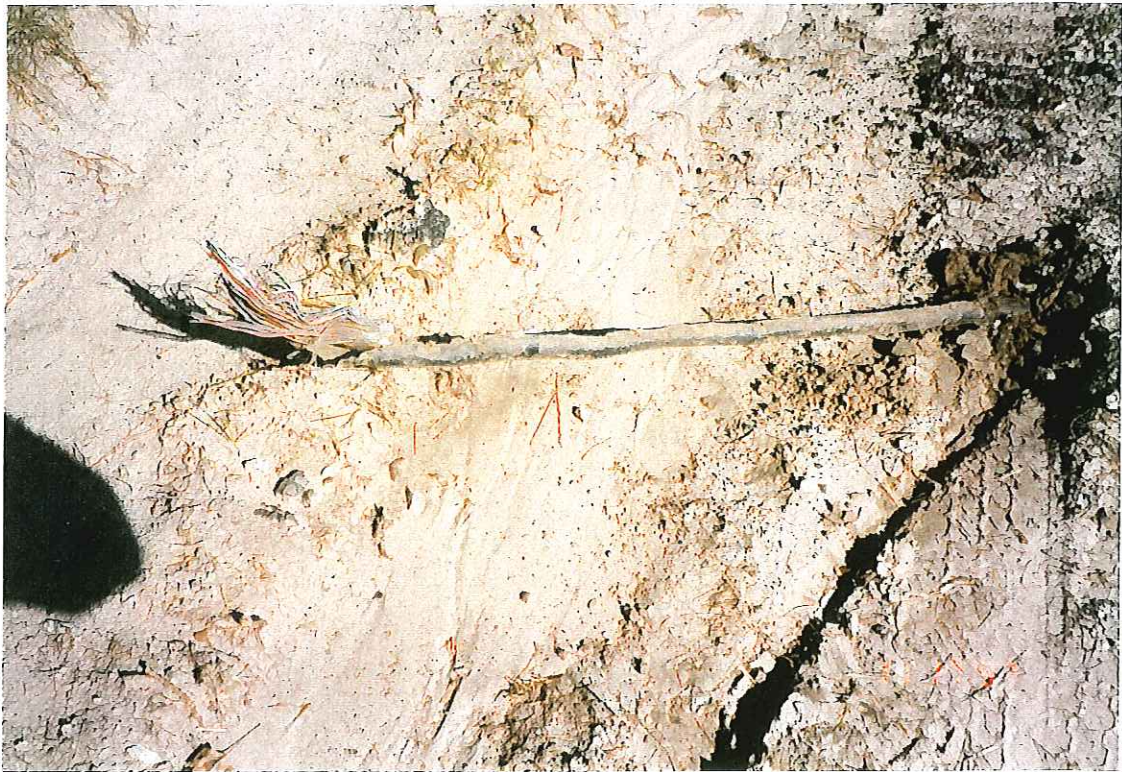
**PHOTOGRAPH -6-
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**PHOTOGRAPH -8-
SURVEY STAKES MARKING EXCAVATION LIMITS**



**PHOTOGRAPH -9-
OUT OF SERVICE UTILITY LINE ALONG
DIRT ROAD NORTH OF THE SITE**



**PHOTOGRAPH -10-
OUT OF SERVICE UTILITY LINE ALONG
DIRT ROAD NORTH OF THE SITE**



**PHOTOGRAPH -11-
SIMULATED AIRCRAFT STEEL TANK**



**PHOTOGRAPH -12-
SIMULATED AIRCRAFT STEEL TANK**



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**PHOTOGRAPH -19-
SILT FENCE INSTALLATION**



**PHOTOGRAPH -20-
PERIMETER FENCE INSTALLATION**



**PHOTOGRAPH -21-
PERIMETER FENCE INSTALLATION**



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SILT FENCE INSTALLATION**



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INSTALLATION OF HAY BALES**



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**PHOTOGRAPH -29-
MARKING OF ON-SITE UTILITIES**



**PHOTOGRAPH -30-
DECON PAD CONSTRUCTION ACTIVITIES**



**PHOTOGRAPH -31-
DECON PAD CONSTRUCTION ACTIVITIES**



**PHOTOGRAPH -32-
DECON PAD CONSTRUCTION ACTIVITIES**



**PHOTOGRAPH -33-
DECON PAD CONSTRUCTION ACTIVITIES**



**PHOTOGRAPH -34-
DECON PAD CONSTRUCTION ACTIVITIES**



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PERIMETER FENCE SITE SIGN**



PHOTOGRAPH -39-
PERIMETER FENCE SITE SIGN



PHOTOGRAPH -40-
SIMULATED AIRCRAFT TANK CLEANING



**PHOTOGRAPH -41-
SIMULATED AIRCRAFT TANK CLEANING**



**PHOTOGRAPH -42-
REMOVAL OF PPE**



**PHOTOGRAPH -43-
DESTRUCTION OF 1100 GALLON ALUMINUM TANK**



**PHOTOGRAPH -44-
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**PHOTOGRAPH -45-
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**PHOTOGRAPH -46-
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**PHOTOGRAPH -47-
SOIL REMOVAL FROM CONCRETE PAD**



**PHOTOGRAPH -48-
CONCRETE PAD AFTER SOIL REMOVAL**



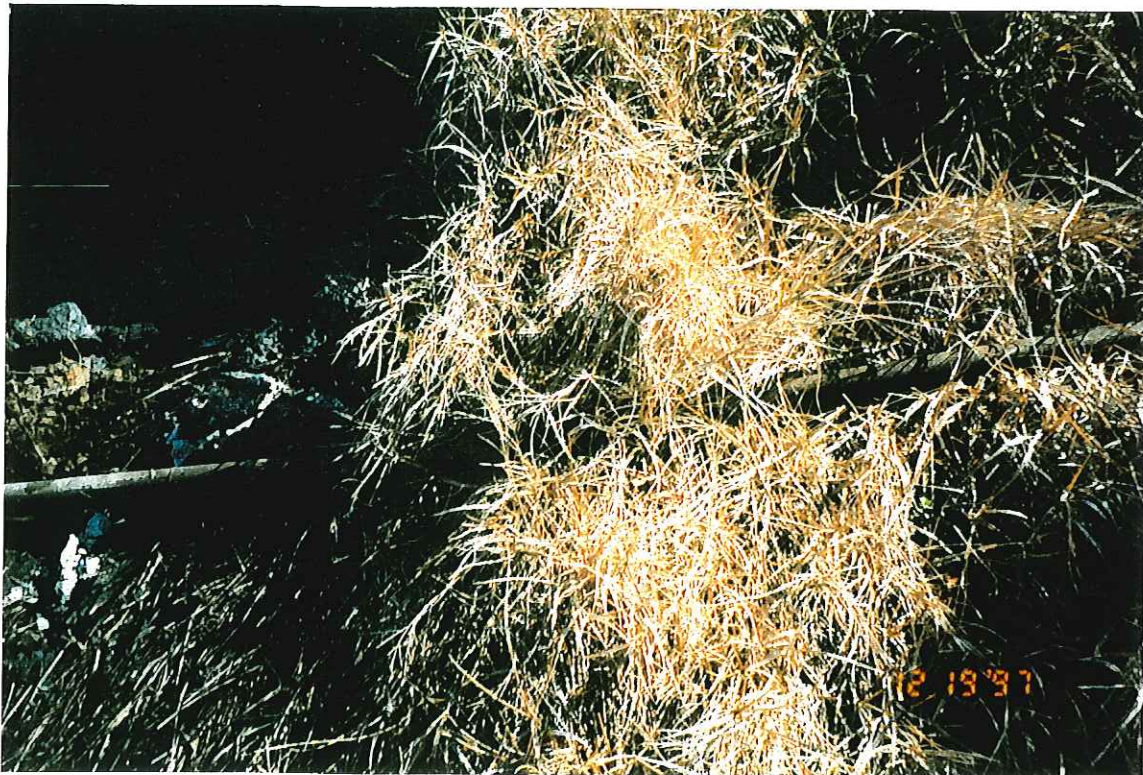
**PHOTOGRAPH -49-
STOCKPILED SOIL FROM CONCRETE PAD**



**PHOTOGRAPH -50-
COVERED STOCKPILED SOILS FROM CONCRETE PAD**



**PHOTOGRAPH -51-
SUMP AND VALVE REMOVAL ACTIVITIES**



**PHOTOGRAPH -52-
SUMP AND VALVE REMOVAL ACTIVITIES**



**PHOTOGRAPH -53-
AMBIENT AIR MONITORING DURING EXCAVATION ACTIVITIES**



**PHOTOGRAPH -54-
AMBIENT AIR MONITORING DURING EXCAVATION ACTIVITIES**



**PHOTOGRAPH -55-
EXCAVATION ACTIVITIES**



**PHOTOGRAPH -56-
STOCKPILING EXCAVATED SOILS**



**PHOTOGRAPH -57-
STOCKPILED EXCAVATED SOILS**



**PHOTOGRAPH -58-
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**PHOTOGRAPH -59-
CLEANING TRUCKS ON DECON PAD PRIOR TO LEAVING SITE**



**PHOTOGRAPH -60-
CLEANING TRUCKS**



**PHOTOGRAPH -61-
CLEANING TRUCKS**



**PHOTOGRAPH -62-
MANIFESTING TRUCKS**



**PHOTOGRAPH -63-
FINAL INSPECTION OF TRUCKS**



**PHOTOGRAPH -64-
FINAL INSPECTION OF TRUCKS**



**PHOTOGRAPH -65-
COVERED STOCKPILED SOILS**



**PHOTOGRAPH -66-
LINING OF EXCAVATION**



**PHOTOGRAPH -67-
FREE PRODUCT IN EXCAVATION**



**PHOTOGRAPH -68-
FREE PRODUCT IN EXCAVATION**



**PHOTOGRAPH -69-
REMOVAL OF PLASTIC LINING FROM EXCAVATION**



**PHOTOGRAPH -70-
EXCAVATION ACTIVITIES
(EXPOSING UTILITIES)**



**PHOTOGRAPH -71-
FREE PRODUCT AND WATER REMOVAL ACTIVITIES**



**PHOTOGRAPH -72-
EXCAVATION AFTER WATER AND PRODUCT REMOVAL ACTIVITIES**



**PHOTOGRAPH -73-
EXPOSED UTILITIES**



PHOTOGRAPH -74-
MOBILE WATER STORAGE TANKS
(Storing wastewater generated from excavation activities)



**PHOTOGRAPH -75-
REMOVAL OF GENERATED WASTEWATER
(from frac tanks)**



**PHOTOGRAPH -76-
REMOVAL OF GENERATED WASTEWATER**



**PHOTOGRAPH -77-
EXCAVATION ACTIVITIES**



**PHOTOGRAPH -78-
EXCAVATION SITE**



**PHOTOGRAPH -79-
FREE PRODUCT IN EXCAVATION**



**PHOTOGRAPH -80-
FREE PRODUCT IN EXCAVATION**



**PHOTOGRAPH -81-
EXCAVATION ACTIVITIES**



**PHOTOGRAPH -82-
REMOVAL OF FREE PRODUCT FROM EXCAVATION**



**PHOTOGRAPH -83-
SURVEY OF GRID AND CONFIRMATORY SAMPLE LOCATIONS**



**PHOTOGRAPH -84-
GRID AND CONFIRMATORY SAMPLE LOCATIONS**



**PHOTOGRAPH -85-
CONFIRMATORY SAMPLE CONTAINERS BEING PREPARED**



**PHOTOGRAPH -86-
SURVEY OF GRID AND CONFIRMATORY SAMPLE LOCATIONS**



**PHOTOGRAPH -87-
CONFIRMATORY GRID AND SAMPLE LOCATIONS**



**PHOTOGRAPH -88-
BACKFILL ACTIVITIES**



**PHOTOGRAPH -89-
BACKFILL ACTIVITIES**



**PHOTOGRAPH -90-
BACKFILL ACTIVITIES**



**PHOTOGRAPH -91-
BACKFILL ACTIVITIES**



**PHOTOGRAPH -92-
BACKFILL ACTIVITIES**



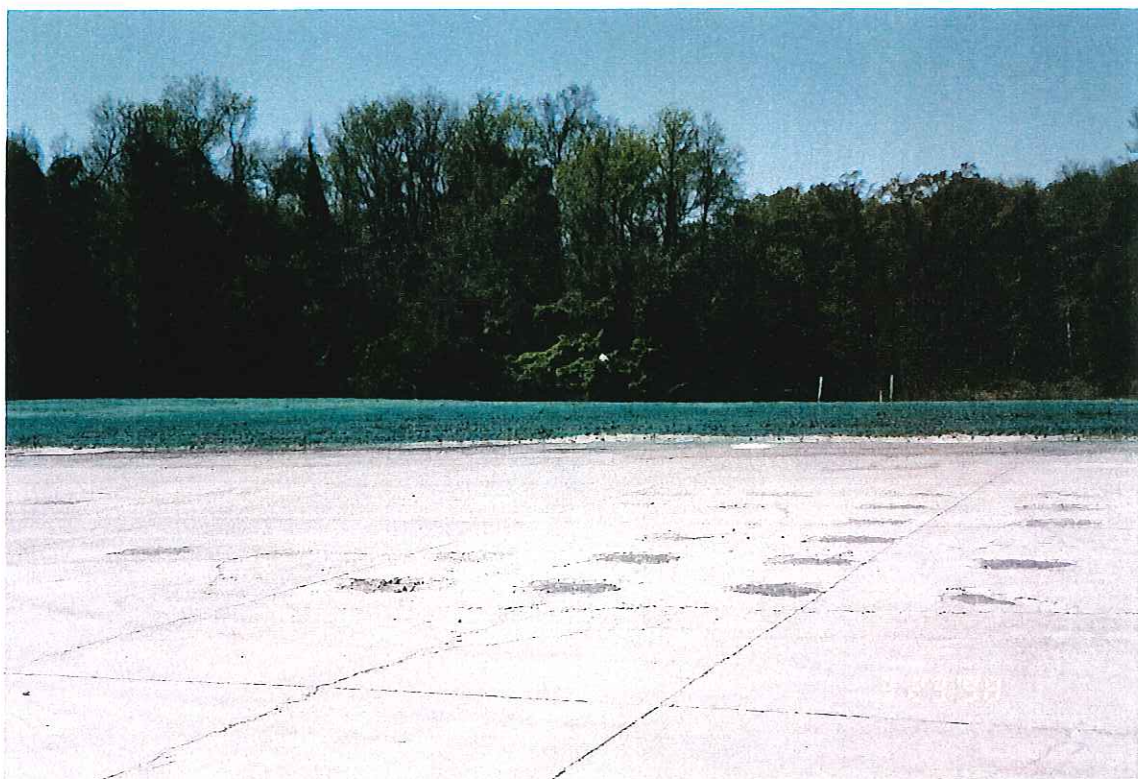
**PHOTOGRAPH -93-
BACKFILLED EXCAVATION**



**PHOTOGRAPH -94-
HYDRO-SEEDING ACTIVITIES**



**PHOTOGRAPH -95-
HYDRO-SEEDING ACTIVITIES**



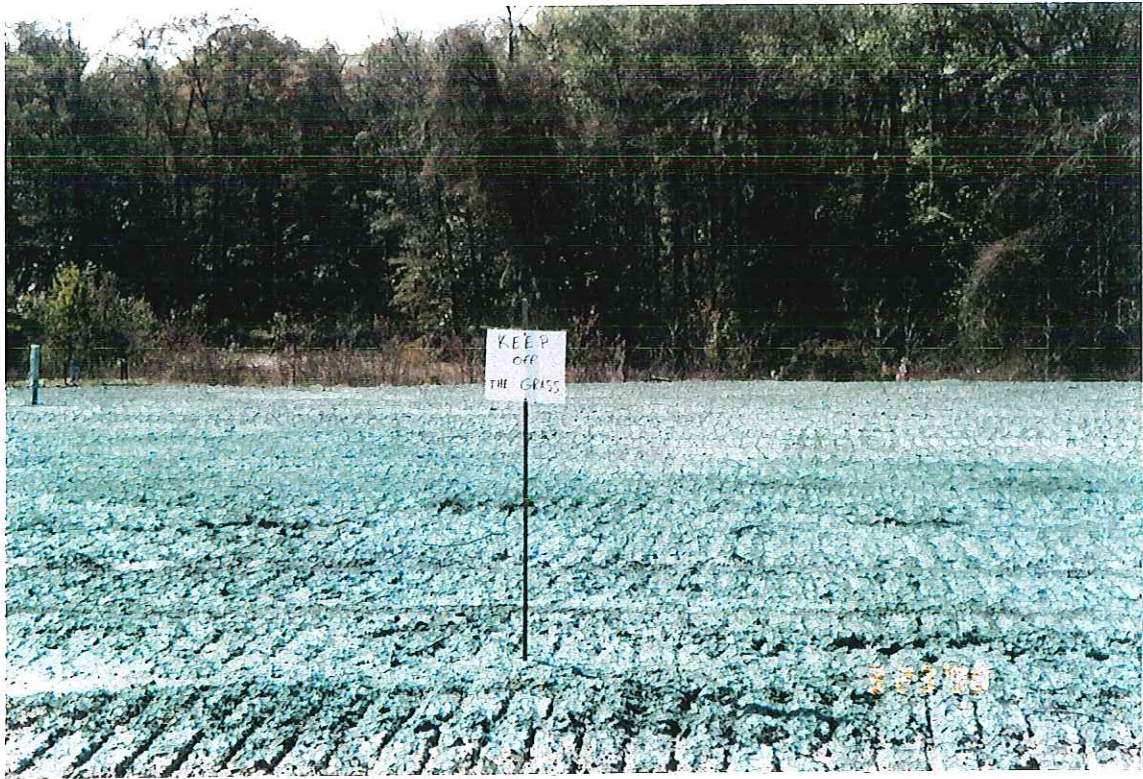
**PHOTOGRAPH -96-
EXCAVATION SITE AFTER HYDRO-SEEDING**



**PHOTOGRAPH -97-
EXCAVATION SITE AFTER HYDRO-SEEDING**



**PHOTOGRAPH -98-
DECON PAD AREA**



**PHOTOGRAPH -99-
SIGNS POSTED AFTER HYDRO-SEEDING**



**PHOTOGRAPH -100-
STRACHAN ROAD
(truck haul route)**



**PHOTOGRAPH -101-
TRUCK HAUL ROUTE**

Highway of any Width, Side Slopes, 1 to 1.
 In the figure below, opposite 7 under "Cut or Fill" and under .3 read 11.0, the distance out from the side stake at left. Also, opposite 11 under "Cut or Fill" and under .1 read 16.7, the distance out from the side stake at right.

Cut or Fill	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	Cut or Fill
Distance out from Side or Shoulder Stake											
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32
33	49.5	49.7	49.8	50.0	50.1	50.3	50.4	50.6	50.7	50.9	33
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34

Name Geosciences Inc
Field Sampling Team
Address 5021 Mercer University Drive
Suite D-2 Macon GA 31210
Phone (912) 757-1606
Project Hunter Army Airfield
Fire Training Area
DACA 21-97-C-0042

"Rite in the Rain" - a unique all-weather writing surface created to shed water and to enhance the written image.* Makes it possible to write sharp, legible field data in any kind of weather.

a product of

Page 1

Hunter Army Airfield Fire Training area

Arrived 12/11/97 0700 -

Completed by David Price

On-site personnel Bobby Styles, Mike Warren, Jean King
Lester Johnson, John Fleming

Purpose of visit - Collect sludge samples from simulated aircraft.

Location - Simulated aircraft sludge

Sample ID - #001 soil, #002 Foam (Simulated Aircraft

method - stainless steel spoon

Containers - 1 8oz, 1 4oz Jar per sample

Date collected - 12/11/97

Time collected - 10:30am

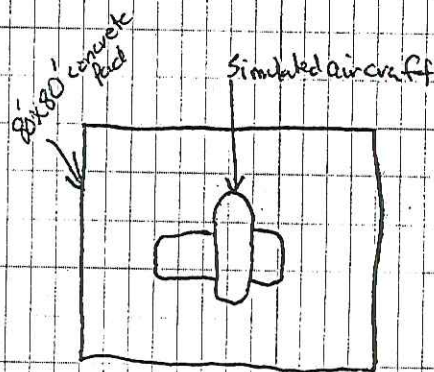
Collected by - David Price

Sample - 001 composite

Sample - 002 Composite

Page 2

Simulated Aircraft Sludge Sample



Pages 3-12/18

Hunter Fire Training Area
Source: Removal Action

Arrived on-site Approx. 0700

Completed by David Price

On-site Persons

John Fleming - OES

Lester Johnson - OES

Bobby Styles - OES

David Price - Geoscientists

Mike Warren - OES

Travis Shppard - Geoscientists

Jawn King - OES

Samples Collected

- Concrete Pad Excavated Soils

ID - ConPad-ES-001 12/18/97

- Concrete Pad Demo Concrete

ID - ConPad-DM-001 12/18/97

- Aluminium Tank Sludge

ID - AlmTank-SD-001 12/18/97

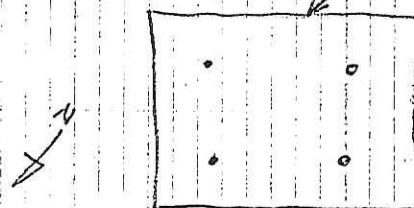
Shipped FedEx to Accura on 12/18/97

One Cooler

Samples collected by David Price

Page 4

Concrete Pad Excavated Soils + Demo concrete
Concrete Pad



- 4 random locations + comp. for
Demo concrete

- Excavated Soils one grab for UOC
+ Six random locations for Organics
Stackpile size 7T x 46L x 20W

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11/7/98

Location	Depth to Product	Depth to Water
MW-13	—	12.34
MW-9	—	7.92
MW-4 ^{DP 11/1/98}	—	6.70 ^{2 D.E}
MW-3 ^{DP 11/1/98}	—	6.65 ^{Lead Broken}
MW-8	—	7.10
MW-10	—	6.30
MW-11	—	9.69
MW-6	—	5.93 ^{Lead Broken}
MW-7 ^{DP 11/1/98}	—	7.47
MW-12	—	11.10
MW-1	—	13.02
MW-2	—	11.25
MW-5 ^{11/7/98}	3.94	6.08

Generated approx 2.5 gallons of Deion water
dumped into Holding Tank

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11/12/98

Arrived on-site @ approx. 0700

Completed by David Peice

Person's on-site: John Fleming-OES Luke Mount-OES
Mike Warren-OES Lester Johnson-OES

Samples Collected

All samples collected by DP

- Excavated Soils

Heap #1-ES-001

Heap #7-ES-002 Dup. sample

Heap #1-ES-003 Split to Corps Lab

- Also sent was a trip Blank to both Labs

Trip Analyzed for VOCs

- Heap samples Analyzed for BTEX, TPH-418,1, PAH
+ TCLP metals.

- Two coolers shipped FedEx

Accura FedEx # 3890139960

Corps FedEx # 3890139971

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1-20-98

Sample No's Heap #2

HP#2-ES-001-X (primary lab extracted soil sample)

HP#2-ES-001-O (primary lab QC extracted soil sample)

HP#2-X-TB (Trip Blank Primary Lab)

HP#2,3,4-QA-TB (QA Lab Trip Blank)

HP#2-ES-001-QA (QA sample, extracted soils)

Samples kept cool 4°C for

shipment on 1-21-98

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Heaps 3 and 4

HP#3-ES-001-X (primary lab excavated soil)
HP#3-ES-001-O (primary lab QC)
HP#3-ES-001-QA (duplicate sent to COE QA lab)
HP#3-X-TB (Trip Blank Primary Lab)
HP#2,3,4-QA-TB (Trip Blank QA lab)

HP#4-ES-001-X (primary lab stockpiled excavated soil)
HP#4-ES-001-O (primary lab QC)
HP#4-ES-001-QA (QA COE lab)
HP#4-X-TB (Primary lab Trip Blank)

All sent to laboratories via Fed-X

Primary Fed-X 3890139934
3890139923
3890139912

QA COE 3890139901

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1/28/98

Waste Water in excavation one sample collected

106-001-WW-X Primary Lab

106-001-WW-O Primary Lab QC

106-X-TB Primary Lab Trip Blank

106-001-WW-QA COE Lab QA sample

106-QA-TB COE Trip Blank

All samples shipped FedEx

packed on ice during shipping

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Samples collected from Frac 106, BTEX, PAH

^{collected}
~~106M-~~

106M-001-SWW-X } Primary Lab samples
106T-002-SWW-X }
106B-003-SWW-X }

106T-002-SWW-D Primary Lab QC

106-SWW-TB Primary Lab TB

106T-002-SWW-QA COE Lab QA

106-SWW-QA-TB COE Trip Blank

Heap#5-ES-001-X Primary Lab Sample

Heap#5-ES001-D " " QC

Heap#5-ES001-QA COE QA sample

Used trip BLANK 106T-SWW-TB

106-SWW-QA-TB

for Heap#5 samples Trip Blank
to Primary + COE Lab.

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Samples collected from Frac 106, BTEX, PAH

106-001-SWOW-X (top)	} Primary lab Samples Oil & Grease
106-002-SWOW-Z (middle)	
106-003-SWOW-Y (bottom)	

Samples collected from Frac 079, BTEX, PAH

079-001-SWOW-P (bottom)	} Primary lab
079-002-SWOW-Q (top)	

Trip Blank

106-SWOW & 079-SWOW-TB

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Heap #16

Heap #16 - ES - 001 - X (Primary lab excavated soil)

Heap #16 - ES - 001 - O (primary lab QC)

Heap #16 - X - TB (primary Trip Blank)

Heap #16 - X - RA (rinse sent to primary)

Heap #16 - ES - 001 - QA (duplicate sent to COE
QA Lab)

Heap #16 - QA - TB (Trip Blank QA Lab)

2/13/98 Page 13

Immunoassay testing was started after completing^{ms} laying out the grid in Figure 2 of the SAP.

Sections II, J, K & L were gridded at this time.

Two samples were collected and analyzed for TPH(DRO)

EB-K5-S & EB-L5-S

Results for TPH(DRO):

Negative Control = 1.16 ^{OD} ~~ppm~~ ^{ms}

25 ppm = 1.13 ^{OD} ~~ppm~~ ^{ms}

125 ppm = 0.65 OD

625 ppm = 0.23 OD

EB-K5-S = 0.04 OD

EB-L5-S = 0.04 OD

* OD = Optical Density

- Due to the small quantities of soil extract the 10 μ L protocol test was used.

To convert to a diesel fuel equivalent a conversion chart of fuels that caused the same response in the Immunoassay test was used.

<u>Fuel Type</u>	<u>ppm Concentration</u>
Diesel	14 91 592

So: 25 ppm in our test = 14 ppm
 125 ppm = 91 ppm
 625 ppm = 592 ppm

Both results are > 592 ppm

Mary Sargent
 2/13/98

Page 14 ^{ms} 2/16/98

Thirteen samples were collected. Two duplicate immunoassay test were done and one sample was sent to the primary lab and the government lab as a duplicate.

The following are the TPH (DRO) Results:

<u>Sample</u>	<u>Optical Density</u>
EB-J5-S	1.96
EB-I5-S	0.56
EB-I5-S Duplicate	0.73
EB-J8-S	0.05
EB-I8-S	0.07
EB-L8-S	0.05
EB-K7-S Duplicate	0.05
EB-K7-S	0.03
EB-K8-S	0.10
EB-J7-S	0.04
EB-L6-S	0.08
EB-K6-S	0.05

- One Heap sample was also collected.

Heap #7-ES001-X Primary Lab sample

Heap #7-ES-001-O Primary Lab OC

Heap #7-X-TB (Trip Blank)

Heap #7-ES-001-QA (COE Lab QA)

Heap #7-QA-TB (COE Lab Trip Blank)

All samples packed on ice Ice & shipped
via Fedx next day.

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2/24/98

12 Soil samples were collected

for Immunoassay screening

The following are the TPH (DRO) results

Sample	Optical Density
Neg. Control	1.96
25 or 14	1.28
125 or 91	0.85
665 or 592	0.33
EB-H6-S	0.07
EB-E6-S	0.06
EB-E7-S	0.05
EB-F5-S	1.55
EB-H7-S	0.05
EB-H7-S (Dup)	0.06
EB-F6-S	0.03
EB-G7-S	0.04
EB-G6-S	0.04
EB-F7-S	0.02
EB-G5-S	0.03
EB-H4-S	0.04

all samples exceeded the 100 ppm except EB-F5-S

Cont-->

Samples EB-E7-S-QC

EB-H6-S-QC

EB-G5-S-QC

EB-H6-G5-E7-TB

} Primary Lab

} QC Samples

Samples EB-E7-S-QA

EB-H6-S-QA

EB-G5-S-QA

EB-H6-G5-E7-TB

} COE Lab QA

} Samples

Samples shipped Via FedEx

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2/26/98

33 confirmatory soil samples were collected, which included QC & QA split samples as per SAP. Also Trip Blanks were sent with coolers.

All samples were packed in ice & shipped via FedEx.

NOTE: For sample Location ID number
Please reference Table 4 Date 2/26/98
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3/3/98

36 confirmatory samples were collected, which included QC + QA split samples as per SAP. Also trip Blanks were sent with Cookers.

All samples were packed in Ice + Shipped Via Fedx.

Note: for Sample Locations I D numbers
Please reference Table 4 Dated 3/3/98

PRECISION ENVIRONMENTAL MANAGEMENT, INC.

MEMORANDUM

January 9, 1998

TO: Mr. John Mount

Omeg Environmental Services, Inc (OES).

FR: Leon Lobban CIH

Precision Environmental Management Inc. (PEM)

**RE: Personnel/Ambient Air Monitoring At Hunter Army Airfield Georgia.,
Contract # DACA 21-97-C-0042**

Attached are laboratory results of personnel and ambient air monitoring conducted during various phases of tank closure activities at Hunter Army Airfield Georgia. You may recall that the air monitoring program was aimed at establishing compliance status for personnel and the environment, and to ensure that site personnel were adequately protected in level C protection. A total of 18 ambient air, and 6 personnel samples were collected during the periods 12/5/97 thru 12/18/97. Ambient air samples were collected prior to project start-up to establish a background and project related concentration for metals, volatile organic chemicals (VOCs), and poly - aromatic hydrocarbons (PAHs). Personnel monitoring was conducted to determine 8 hour time - weighted - average exposures (8 hr-twas) for metals VOCs PAHs and noise. Additionally, hourly real time monitoring was conducted for VOCs and total particulates. The following summarizes the (attached) laboratory results.

Ambient Monitoring: Ambient concentrations of arsenic (as), barium (ba), chromium (cr), lead (pb), and selenium (sc), were less than the laboratory's reportable detection limits (RDL), of 0.1 ug/m for all activities associated with tank closure at Hunter Army Airfield. Background concentrations (pre-project start-up) of these metals were also reported in the same concentration ranges. In other words, project activities did not contribute to airborne concentrations of the chemicals of interest. Similar laboratory results were also reported for VOCs, PAHs, and total particulates.

Personnel Monitoring: personnel 8hr - TWAs for PAHs, VOCs, and metals were less than the laboratory's RDA. Total particulates concentrations were elevated on one occasion - during demolition of the concrete pad. At which point, work activities were discontinued until total particulate concentrations (at the concrete pad) returned to background levels. Work practices were subsequently modified to maintain background levels for particulates. Noise levels were monitored on the A scale, slow response. Employee 8 hr-TWAs for noise were significantly less than 85dba.

Conclusions And Recommendations:

- Maintain work practices since contaminant evolution is minimal
- Downgrade personnel protection from level C to a modified level D as outlined in the HASP

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PHONE 404-874-6263, FAX 404-874-4342

PRECISION ENVIRONMENTAL MANAGEMENT, INC.

- Maintain work zones as outlined in the HASP
- Notify Hunter Army Airfield by copy of this letter and accompanying laboratory report.

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PHONE 404-874-6263, FAX 404-874-4342



... samples A+B
in series with
B as a Backup.

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financier L.

Phone # (770) 449-8800

CHAIN OF CUSTODY

Company Name: Omega Environmental
 Address: 4661 Hammermill Rd, Tucker GA. 30084
 Report Sent to: (Client Contact): Leon Lobban / Michael Warren
 Contact Phone # 770-621-9414 Fax # 770-934-2451
 Project Name: Fire Training Center
 Project Number: 97041

Billing address: same

Client P.O. # 97041

Custody Seal: 7
 QC Level: A
 Sample Container: Lead

Sampler: (signature)		Samplers: (printed)																	
Michael Warren		Michael Warren																	
Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS Pb, Cr, Ba, Cu, Fe, Ni, Se VOCS, PAH										Remarks	Accura Sample ID No. AB
AMB-1	12/3/97					Upwind	1									12 Lpm on 0935 off 1600	97041		
AMB-02	12/3/97					downwind	1									12 Lpm on 0935 off 1600	97041		
AMB-03 A+B	12/3/97					Upwind	2									1.2 Lpm on 0935 off 1600	97041		
AMB-04 A+B	12/3/97					downwind	2									1.2 Lpm on 0935 off 1600	97041		
AMB-5	11/2/97					upwind	1									12 Lpm on 0900 off 16	97041		
AMB-6	12/8/97					downwind	1									12 Lpm on 0900 off	97041		
AMB-07 A+B	12/8/97					upwind	2									1.2 Lpm on 0900 off	97041		
AMB-08 A+B	12/8/97					downwind	2									1.2 Lpm on 0900 off	97041		
Relinquished By:		Date / Time		Received By:				Date / Time		Special Requirements Or Remarks:									
Michael Warren		12-11-97		Fed EX															
Relinquished By:		Date / Time		Received By:				Date / Time		Turnaround Time Requested:									
				Michael Warren				12-12-97 10:30											

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Food) (M = Miscellaneous)

CCCV-1115

J8 19105

ACCURA LABS

770 449 5477 P.23

2:56

JAN-09-1998 17:33



NOTE: Activated
Carbon Samples
= A+B in Series
with B as a Backup

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

CHAIN OF CUSTODY

12104-

tel: 770-934-

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

Company Name: Omega Environmental Service

Billing address: SAME

Address: 4661 Hammermill rd, Tucker GA. 30084

Client P.O. # 97041

Report Sent to: (Client Contact): Leon Lobben / Michael Warren

Contact Phone # 770-621-9414 Fax # 770-934-2451

Project Name: Five TENG Center

Project Number: 97041

Samplers: (signature)		Samplers: (printed)																			
<u>Michael Warren</u>		<u>Michael Warren</u>																			
Sample ID #	Sample Date / Time	Comp	Grav	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS										Remarks	Accura Sample ID No. AB		
P-9 A+B	12-11-97					Personal	2	Pb, Cd, Cu, Ni, Zn, As, S, Se VOC's, PAH's										1.2 Lpm 1000 off 1500			
P-10 A+B	12-11-97					Personal	2											1.2 Lpm on 1000 off 1500			
AMB-11	12-11-97					upwind	1											12 Lpm on 0930 off 1500			
AMB-12	12-11-97					downwind	1											12 Lpm on 0930 off 1500			
Blank	12-11-97						1														
Blank	12-11-97						1														
Relinquished By:		Date / Time		Received By:		Date / Time		Special Requirements Or Remarks:													
<u>Michael Warren</u>		12-11-97		<u>Fed Ex</u>																	
Relinquished By:		Date / Time		Received By:		Date / Time		Turnaround Time Requested:													
				<u>Michael Warren</u>		12-12-97 / 10:30															

Matrix Guide: (S - Soil) (W - Water) (L - Liquid) (C - Curd/silage) (SL - Sludge) (A - Air Sample) (F - Fumes) (M - Miscellaneous)

CCCP-12104

770 449 5477 P.24

PC:LT 8661-66-NAC

ACCURA LABS

956

JAN-07-1998 19:06

P.05

TOTAL P.24

signature X Michael Warren QC

1-07-1998 7:37PM

FROM ACCURA ANALYTICAL 7704495477

P. 3

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 USACB-MRD Approved

LABORATORY REPORT**Accura Sample ID #: AB32325****Accura Project #: 15075**

Client: Omega Env. Services - Tucker

Date Sampled: 12/5/97

Client Contact: LEON LABBON

Date Received: 12/12/97

Client Project Number: 97041

Date Reported: 1/7/98

Client Project Name: FIRE TRAINING CENTER

Sample Matrix: AIR

Client Sample ID: AMB-1

ANALYSIS: Metals In Air

Method Ref: 7300/6010A

Date Analyzed: 1/7/98

Date Ext/Dig/Prep: 1/6/98

Result Units: ug/m3

Analyte Name**Analytical Results****Reported Detection Limits**

Arsenic

<RDL

0.1

Barium

<RDL

0.1

Chromium

<RDL

0.1

Lead

<RDL

0.1

Selenium

<RDL

0.1


Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 1 of 21

Client Sample ID: AMB-1

AAL Sample ID #: AB32325 Accura Project #: 15075

JAN-09-1998 17:34

95%

P. 06

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<RDL = Less than Reported Detection Limit

Pg 2 of 21

Client Sample ID: AMB-2

AAL Sample ID #: AB32326 Accura Project #: 15073

JAN-07-1998 18:55

ACCURA LABS

770 449 5477 P.03

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FL Certification # 1287429 NC Certification # 483 SC Certification # 98013 USACE-MRD Approved

LABORATORY REPORT**Accura Sample ID #: AB32325****Accura Project #: 15075****Client: Omega Env. Services - Tucker****Date Sampled: 12/5/97****Client Contact: LEON LABRON****Date Received: 12/12/97****Client Project Number: 97041****Date Reported: 1/7/98****Client Project Name: FIRE TRAINING CENTER****Sample Matrix: AIR****Client Sample ID: AMB-1****ANALYSIS: Metals In Air****Method Ref: 7300/6010A****Date Analyzed: 1/7/98****Date Ext/Dlg/Prep: 1/6/98****Result Units: ug/m3****Analyte Name****Analytical Results****Reported Detection Limits**

Arsenic

<RDL

0.1

Barium

<RDL

0.1

Chromium

<RDL

0.1

Lead

<RDL

0.1

Selenium

<RDL

0.1


Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

<RDL - Less than Reported Detection Limit

Pg 1 of 21

Client Sample ID: AMB-1

AAL Sample ID #: AB32325 Accura Project #: 15075

JAN-07-1998 18:55

ACCURA LABS

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FL Certification # E87429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT**Accura Sample ID #: AB32326****Accura Project #: 15075****Client: Omega Env. Services - Tucker****Date Sampled: 12/5/97****Client Contact: LEON LABBON****Date Received: 12/12/97****Client Project Number: 97041****Date Reported: 1/7/98****Client Project Name: FIRE TRAINING CENTER****Sample Matrix: AIR****Client Sample ID: AMB-2****ANALYSIS: Metals in Air****Method Ref: 7300/6010A****Date Analyzed: 1/7/98****Date Exp/Dig/Prop: 1/6/98****Result Units: ug/m3****Analyte Name****Analytical Results****Reported Detection Limits****Arsenic****<RDL****0.1****Barium****<RDL****0.1****Chromium****<RDL****0.1****Lead****0.1****0.1****Selenium****0.1****0.1**
Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 2 of 21

Client Sample ID: AMB-2

AAL Sample ID #: AB32326 Accura Project #: 15075

JAN-07-1998 18:56

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NC Certification # 483

SC Certification # 98015

USACB-MRD Approved

LABORATORY REPORT**Accura Sample ID #: AB32327****Accura Project #: 15075**

Client: Omega Env. Services - Tucker

Date Sampled: 12/5/97

Client Contact: LEON LABBON

Date Received: 12/12/97

Client Project Number: 97041

Date Reported: 1/7/98

Client Project Name: FIRE TRAINING CENTER

Sample Matrix: AIR

Client Sample ID: AMB-3A

ANALYSIS: VOC's in Air

Method Ref: 5030A/8260A

Date Analyzed: 12/23/97

Date Ext/Dig/Prep: 12/23/97

Result Units: mg/L

<u>Analyte Name</u>	<u>Analytical Results</u>	<u>Reported Detection Limits</u>
1,1,1-Trichloroethane	<RDL	0.00055
1,1,2,2-Tetrachloroethane	<RDL	0.00055
1,1,2-Trichloroethane	<RDL	0.00055
1,1-Dichloroethane	<RDL	0.00055
1,1-Dichloroethene	<RDL	0.00055
1,2-Dichlorobenzene	<RDL	0.00055
1,2-Dichloroethane	<RDL	0.00055
1,2-Dichloropropane	<RDL	0.00055
1,3-Dichlorobenzene	<RDL	0.00055
1,4-Dichlorobenzene	<RDL	0.00055
2-Butanone (MEK)	<RDL	0.0055
2-Chloroethylvinyl ether	<RDL	0.0011
2-Hexanone	<RDL	0.0055
4-Methyl-2-pentanone (MIBK)	<RDL	0.0055
Acetone	<RDL	0.0055
Benzene	<RDL	0.00055
Bromodichloromethane	<RDL	0.00055
Bromoform	<RDL	0.00055
Bromomethane	<RDL	0.00055
Carbon disulfide	<RDL	0.00055
Carbon tetrachloride	<RDL	0.00055
Chlorobenzene	<RDL	0.00055
Chloroethane	<RDL	0.00055
Chloroform	<RDL	0.00055
Chloromethane	<RDL	0.00055
cis-1,3-Dichloropropene	<RDL	0.00055
Dibromochloromethane	<RDL	0.00055
Ethylbenzene	<RDL	0.00055
Methylene chloride	<RDL	0.00055
Styrene	<RDL	0.00055
Tetrachloroethene	<RDL	0.00055
Toluene	<RDL	0.00055

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 3 of 21

Client Sample ID: AMB-3A

AAL Sample ID #: AB32327 Accura Project #: 15075

JAN-07-1998 18:57

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trans-1,2-Dichloroethene	<RDL	0.00055
trans-1,3-Dichloropropene	<RDL	0.00055
Trichloroethene	<RDL	0.00055
Trichlorofluoromethane	<RDL	0.00055
Vinyl acetate	<RDL	0.011
Vinyl chloride	<RDL	0.00022
Xylenes (Total)	<RDL	0.00055

ANALYSIS: X VOC OC Surrogates (Air)

Method Ref: 5030A/8260A

Date Analyzed: 12/23/97

Date Ext/Dig/Prep: 12/23/97

Result Units: %

Analyte NameAnalytical ResultsReported Detection Limits

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

104
95
95

0
0
0


Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 4 of 21

Client Sample ID: AMB-3A

AAL Sample ID #: AB32327 Accura Project #: 15075

JAN-07-1998 18:57

ACCURA LABS

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trans-1,2-Dichloroethene	<RDL	0.00033
trans-1,3-Dichloropropene	<RDL	0.00033
Trichloroethene	<RDL	0.00055
Trichlorofluoromethane	0.00067	0.00055
Vinyl acetate	<RDL	0.011
Vinyl chloride	<RDL	0.00022
Xylenes (Total)	<RDL	0.00055

ANALYSIS: X VOC OC Surrogates (Air)

Method Ref: 5030A/8260A

Date Analyzed: 12/23/97

Date Ext/Dig/Prep: 12/23/97

Result Units: %

Analyte NameAnalytical ResultsReported Detection Limits

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

102
97
95

0
0
0


Accura Analytical Laboratory, Inc.

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<RDL = Less than Reported Detection Limit

Pg 6 of 21

Client Sample ID: AMB-4A

AAI Sample ID #: AB32329 Accura Project #: 15073

JAN-07-1998 18:58

ACCURA LABS

770 449 5477 P.08

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LABORATORY REPORT

Accura Sample ID #: AB32331**Accura Project #: 15075****Client: Omega Env. Services - Tucker****Date Sampled: 12/8/97****Client Contact: LEON LABBON****Date Received: 12/12/97****Client Project Number: 97041****Date Reported: 1/7/98****Client Project Name: FIRE TRAINING CENTER****Sample Matrix: AIR****Client Sample ID: AMB-5****ANALYSIS: Metals in Air****Method Ref: 7300/6010A****Date Analyzed: 1/7/98****Date Ext/Dig/Prep: 1/6/98****Result Units: ug/m3****Analyte Name****Analytical Results****Reported Detection Limits**

Arsenic

<RDL

0.1

Barium

<RDL

0.1

Chromium

<RDL

0.1

Lead

0.1

0.1

Selenium

<RDL

0.1


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<RDL - Less than Reported Detection Limit

Pg 7 of 21

Client Sample ID: AMB-5

AAI Sample ID #: AB32331 Accura Project #: 15075

JAN-07-1998 18:58

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VI. Certification # B87429 NC Certification # 483 SC Certification # 98013 USACB-MRD Approved

LABORATORY REPORT**Accura Sample ID #: AB32332****Accura Project #: 15075**

Client: Omega Env. Services - Tucker
Client Contact: LEON LABBON
Client Project Number: 97041
Client Project Name: FIRE TRAINING CENTER
Client Sample ID: AMB-6

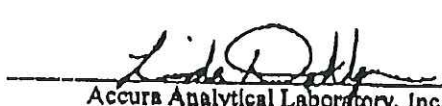
Date Sampled: 12/8/97
Date Received: 12/12/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air

Date Analyzed: 1/7/98 **Date Ext/Dlg/Prep:** 1/6/98

Method Ref: 7300/6010A**Result Units:** ug/m3**Analyte Name****Analytical Results****Reported Detection Limits**

Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	0.1	0.1
Selenium	<RDL	0.1


Accura Analytical Laboratory, Inc.

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<RDL - Less than Reported Detection Limit

Pg 8 of 21

Client Sample ID: AMB-6

AAL Sample ID #: AB32332 Accura Project #: 15075

JAN-07-1998 18:59

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LABORATORY REPORT

Accura Sample ID #: AB32333**Accura Project #: 15075**

Client: Omega Env. Services - Tucker

Date Sampled: 12/8/97

Client Contact: LEON LABBON

Date Received: 12/12/97

Client Project Number: 97041

Date Reported: 1/7/98

Client Project Name: FIRE TRAINING CENTER

Sample Matrix: AIR

Client Sample ID: AMB-7A

ANALYSIS: VOC's in Air

Method Ref: 5030A/8260A

Date Analyzed: 12/23/97

Date Ext/Dig/Prep: 12/23/97

Result Units: mg/L

Analyte Name**Analytical Results****Reported Detection Limits**

1,1,1-Trichloroethane	<RDL	0.0005
1,1,2,2-Tetrachloroethane	<RDL	0.0005
1,1,2-Trichloroethane	<RDL	0.0005
1,1-Dichloroethane	<RDL	0.0005
1,1-Dichloroethene	<RDL	0.0005
1,2-Dichlorobenzene	<RDL	0.0005
1,2-Dichloroethane	<RDL	0.0005
1,2-Dichloropropane	<RDL	0.0005
1,3-Dichlorobenzene	<RDL	0.0005
1,4-Dichlorobenzene	<RDL	0.0005
2-Butanone (MEK)	<RDL	0.005
2-Chloroethylvinyl ether	<RDL	0.001
2-Hexanone	<RDL	0.005
4-Methyl-2-pentanone (MIBK)	<RDL	0.005
Acetone	<RDL	0.005
Benzene	<RDL	0.0005
Bromodichloromethane	<RDL	0.0005
Bromoform	<RDL	0.0005
Bromomethane	<RDL	0.0005
Carbon disulfide	<RDL	0.0005
Carbon tetrachloride	<RDL	0.0005
Chlorobenzene	<RDL	0.0005
Chloroethane	<RDL	0.0005
Chloroform	<RDL	0.0005
Chloromethane	<RDL	0.0005
cis-1,3-Dichloropropene	<RDL	0.0005
Dibromochloromethane	<RDL	0.0005
Ethylbenzene	<RDL	0.0005
Methylene chloride	<RDL	0.0005
Styrene	<RDL	0.0005
Tetrachloroethene	<RDL	0.0005
Toluene	<RDL	0.0005

ACCURA ANALYTICAL LABORATORY, INC.

<RDL = Less than Reported Detection Limit

Pg 9 of 21

Client Sample ID: AMB-7A

AAL Sample ID #: AB32333 Accura Project #: 15075

JAN-07-1998 18:59

ACCURA LABS

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trans-1,2-Dichloroethene	<RDL	0.0005
trans-1,3-Dichloropropene	<RDL	0.0005
Trichloroethene	<RDL	0.0005
Trichlorofluoromethane	<RDL	0.0005
Vinyl acetate	<RDL	0.01
Vinyl chloride	<RDL	0.0002
Xylenes (Total)	<RDL	0.0005

ANALYSIS: X VOC OC Surrogates (Atr)

Method Ref: 5030A/8260A

Date Analyzed: 12/23/97

Date Ext/Dig/Prep: 12/23/97

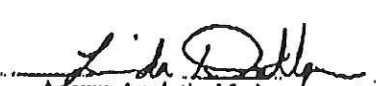
Result Units: %

Analyte NameAnalytical ResultsReported Detection Limits

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

98
90
91

0
0
0


Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

Client Sample ID: AMB-7A

<RDL - Less than Reported Detection Limit

Pg 10 of 21

AAL Sample ID #: AB32333 Accura Project #: 15075

JAN-07-1998 19:00

ACCURA LABS

770 449 5477 P.12

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FL Certification # B27429

NC Certification # 483

SC Certification # 98015

USACE-MRD Approved

LABORATORY REPORT**Accura Sample ID #: AB32335****Accura Project #: 15075**

Client: Omega Env. Services - Tucker

Date Sampled: 12/8/97

Client Contact: LEON LABBON

Date Received: 12/12/97

Client Project Number: 97041

Date Reported: 1/7/98

Client Project Name: FIRE TRAINING CENTER

Sample Matrix: AIR

Client Sample ID: AMB-8A

ANALYSIS: VOC's in Air

Method Ref: 5030A/8260A

Date Analyzed: 12/23/97

Date Ext/Dig/Prep: 12/23/97

Result Units: mg/L

Analyte Name**Analytical Results****Reported Detection Limits**

1,1,1-Trichloroethane	<RDL	0.0005
1,1,2,2-Tetrachloroethane	<RDL	0.0005
1,1,2-Trichloroethane	<RDL	0.0005
1,1-Dichloroethane	<RDL	0.0005
1,1-Dichloroethene	<RDL	0.0005
1,2-Dichlorobenzene	<RDL	0.0005
1,2-Dichloroethane	<RDL	0.0005
1,2-Dichloropropane	<RDL	0.0005
1,3-Dichlorobenzene	<RDL	0.0005
1,4-Dichlorobenzene	<RDL	0.0005
2-Butanone (MEK)	<RDL	0.0005
2-Chloroethylvinyl ether	<RDL	0.005
2-Hexanone	<RDL	0.001
4-Methyl-2-pentanone (MIBK)	<RDL	0.005
Acetone	<RDL	0.005
Benzene	<RDL	0.005
Bromodichloromethane	<RDL	0.0005
Bromoform	<RDL	0.0005
Bromomethane	<RDL	0.0005
Carbon disulfide	<RDL	0.0005
Carbon tetrachloride	<RDL	0.0005
Chlorobenzene	<RDL	0.0005
Chloroethane	<RDL	0.0005
Chloroform	<RDL	0.0005
Chloromethane	<RDL	0.0005
cis-1,3-Dichloropropene	<RDL	0.0005
Dibromochloromethane	<RDL	0.0005
Ethylbenzene	<RDL	0.0005
Methylene chloride	<RDL	0.0005
Styrene	<RDL	0.0005
Tetrachloroethene	<RDL	0.0005
Toluene	<RDL	0.0005

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<RDL - Less than Reported Detection Limit

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Client Sample ID: AMB-8A

AAL Sample ID #: AB32335 Accura Project #: 15075

JAN-07-1998 19:00

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trans-1,2-Dichloroethene	<RDL	0.0005
trans-1,3-Dichloropropene	<RDL	0.0005
Trichloroethene	<RDL	0.0005
Trichlorofluoromethane	<RDL	0.0005
Vinyl acetate	<RDL	0.0005
Vinyl chloride	<RDL	0.01
Xylenes (Total)	<RDL	0.0002
	<RDL	0.0005

ANALYSIS: X VOC QC Surrogates (Air)

Date Analyzed: 12/23/97

Date Ext/Dig/Prep: 12/23/97

Method Ref: 5030A/8260A

Result Units: %

Analyte NameAnalytical ResultsReported Detection Limits

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

103
94
94

0
0
0


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ACCURA ANALYTICAL LABORATORY, INC.

Client Sample ID: AMB-RA

<RDL = Less than Reported Detection Limit

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AAL Sample ID #: AB32335 Accura Project #: 15075

JAN-07-1998 19:03

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ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477
PI. Certification # 887429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT**Accura Sample ID #: AB32341****Accura Project #: 15075****Client: Omega Env. Services - Tucker****Client Contact: LEON LABBON****Client Project Number: 97041****Client Project Name: FIRE TRAINING CENTER****Client Sample ID: AMB-11****Date Sampled: 12/11/97****Date Received: 12/12/97****Date Reported: 1/7/98****Sample Matrix: AIR****ANALYSIS: Metals in Air****Date Analyzed: 1/7/98****Date Ex/Dig/Prep: 1/6/98****Method Ref: 7300/6010A****Result Units: ug/m3****Analyte Name****Analytical Results****Reported Detection Limits**

Arsenic

<RDL

0.1

Barium

<RDL

0.1

Chromium

<RDL

0.1

Lead

0.2

0.1

Selenium

<RDL

0.1


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ACCURA ANALYTICAL LABORATORY, INC.

Client Sample ID: AMB-11

<RDL - Less than Reported Detection Limit

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AAL Sample ID #: AB32341 Accura Project #: 15075